



Administrative Package Cover Page

This file contains the following documents:

1. Summary of application (in plain language)
 - English
 - Alternative Language (Spanish)
2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
 - English
 - Alternative Language (Spanish)
3. Application materials



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

1. Resumen en lenguaje sencillo (PLS, por sus siglas en inglés) de la actividad propuesta
 - Inglés
 - Idioma alternativo (español)
2. Primer aviso (NORI, por sus siglas en inglés)
 - Inglés
 - Idioma alternativo (español)
3. Solicitud original



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

RR 417, LLC (CN605554203) operates RR 417 Wastewater Treatment Facility (RN110465093), a 0.049 MGD wastewater plant. The facility is located at 8839 Farm to Market 470, in Bandera County, Texas 78003. The WWTP is located approximately 2.92 miles East of the intersection of Ranch Road 470 and Ranch Road 462. The treatment plant is built approximately 517 ft into the property, in Bandera, Bandera County, Texas 78003. This application is for a renewal to discharge 49,000 gallons per day of treated domestic wastewater on an intermittent and flow-variable basis.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Domestic wastewater is treated by a complete mix activated sludge treatment package, and the treatment units will include a bar screen, an added flow equalization basin, aeration basin, mechanical clarifier, dosing pump chamber, chlorine contact basin, and an aerobic digester. This facility will also utilize dechlorination prior to discharge.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

RR 417, LLC (CN605554203) opera la Planta de Tratamiento de Aguas Residuales RR 417 (RN110465093), una planta de tratamiento de aguas residuales de 0.049 MGD. La planta está ubicada en 8839 Farm to Market 470, en el Condado de Bandera, Texas 78003. La PTAR se encuentra aproximadamente a 4.71 km al este de la intersección de Ranch Road 470 y Ranch Road 462. La planta de tratamiento está construida aproximadamente a 157 metros dentro de la propiedad, en Bandera, Condado de Bandera, Texas 78003. Esta solicitud es para una renovación del vertido de 49,000 galones diarios de aguas residuales domésticas tratadas de forma intermitente y con caudal variable.

Se espera que los vertidos de la planta contengan la demanda bioquímica de oxígeno carbonoso (DBO₄) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH₃-N) y Escherichia coli. Las aguas residuales domésticas se tratan mediante un sistema completo de tratamiento de lodos activados. Las unidades de tratamiento incluirán un tamiz de barras, un depósito de ecualización de caudal adicional, un depósito de aireación, un clarificador mecánico, una cámara de dosificación, un depósito de contacto con cloro y un digestor aeróbico. Esta instalación también utilizará decloración antes del vertido.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT RENEWAL

PERMIT NO. WQ0015713001

APPLICATION. RR 417, LLC, 8839 Farm-to-Market Road 470, Bandera, Texas 78003, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0015713001 (EPA I.D. No. TX0138673) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 49,000 gallons per day. The domestic wastewater treatment facility is located at 8839 Farm-to-Market Road 470, in Bandera County, Texas 78003. The discharge route is from the plant site to Commissioners Creek; thence to Hondo Creek. TCEQ received this application on September 11, 2025. The permit application will be available for viewing and copying at Bandera Kronkosky Public Library, Public Viewing Desk, 515 Main Street, Bandera, in Bandera County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.231944,29.666944&level=18>

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public

interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application.** If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <https://www14.tceq.texas.gov/epic/eComment/>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from RR 417, LLC at the address stated above or by calling Ms. Lauren Crone, P.E., LJA Engineering, at 512-439-4700.

Issuance Date: September 22, 2025

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD Y EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQ0015713001

SOLICITUD. RR 417, LLC, 8839 Farm-to-Market Road 470, Bandera, Texas 78003, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0015713001 (EPA I.D. No. TX TX0138673) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 49,000 galones por día. La planta está ubicada se encuentra en 8839 Farm-to-Market Road 470 en el Condado de Bandera, Texas 78003. La ruta de descarga es del sitio de la planta La ruta de descarga va desde la planta hasta Commissioners Creek; de allí, hasta Hondo Creek. La TCEQ recibió esta solicitud el 11 de septiembre de 2025. La TCEQ recibió esta solicitud el 11 de septiembre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública Bandera Kronkosky, Mostrador de Consulta Pública, 515 Main Street, Bandera, Condado de Bandera, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.231944,29.666944&level=18>

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos

o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.** Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en www.tceq.texas.gov/goto/cid. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía <http://www14.tceq.texas.gov/epic/eComment/> o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del RR 417, LLC a la dirección indicada arriba o llamando a Sra. Lauren Crone al 512-439-4700.

Fecha de emisión: 22 de septiembre de 2025

**TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
DOMESTIC WASTEWATER PERMIT APPLICATION
FOR A
TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM PERMIT
RENEWAL**

FOR

**RR 417 WASTEWATER TREATMENT FACILITY
WQ0015713001**

SEPTEMBER 2025

**PREPARED FOR
RR 417, LLC
8839 FM 470
BANDERA, TEXAS 78003**

**PREPARED BY
LJA Engineering, Inc.
7500 RIALTO BLVD
BUILDING II, SUITE 100
Austin, Texas 78735
(512) 439-4700**



TABLE OF CONTENTS

EXHIBIT 1: ADMINISTRATIVE REPORT 1.0

ADMINISTRATIVE REPORT 1.1

EXHIBIT 2: DOMESTIC TECHNICAL REPORT 1.0

DOMESTIC TECHNICAL REPORT WORKSHEET 2.0

APPENDIX A: CORE DATA FORM

APPENDIX B: PLAIN LANGUAGE SUMMARY

APPENDIX C: USGS MAP

APPENDIX D: ORIGINAL PHOTOGRAPHS

APPENDIX E: SUPPLEMENTAL PERMIT INFORMATION (SPIF) & MAP

APPENDIX F: PROCESS FLOW DIAGRAM

APPENDIX G: SITE DRAWING

APPENDIX H: EXISTING PERMIT

EXHIBIT 1: ADMINISTRATIVE REPORT 1.0

ADMINISTRATIVE REPORT 1.1



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: RR 417, LLC

PERMIT NUMBER (If new, leave blank): WQ0015713001

Indicate if each of the following items is included in your application.

	Y	N		Y	N
Administrative Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original USGS Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Administrative Report 1.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Affected Landowners Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPIF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Landowner Disk or Labels	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Core Data Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Buffer Zone Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Summary of Application (PLS)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flow Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Public Involvement Plan Form	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Site Drawing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Design Calculations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Solids Management Plan	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 2.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Balance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 3.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 3.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 3.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 4.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 7.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

For any questions about this form, please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 26)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	\$350.00 <input type="checkbox"/>	\$315.00 <input checked="" type="checkbox"/>
≥0.05 but <0.10 MGD	\$550.00 <input type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: [Click to enter text.](#)
Check/Money Order Amount: \$315.00
Name Printed on Check: TCEQ

EPAY Voucher Number: [Click to enter text.](#)

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

a. Check the box next to the appropriate authorization type.

- ☐ Publicly Owned Domestic Wastewater
- ☒ Privately-Owned Domestic Wastewater
- ☐ Conventional Water Treatment

b. Check the box next to the appropriate facility status.

- ☒ Active ☐ Inactive

c. Check the box next to the appropriate permit type.

- ☒ TPDES Permit
☐ TLAP
☐ TPDES Permit with TLAP component
☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

- | | |
|---|---|
| <input type="checkbox"/> New | |
| <input type="checkbox"/> Major Amendment <u>with</u> Renewal | <input type="checkbox"/> Minor Amendment <u>with</u> Renewal |
| <input type="checkbox"/> Major Amendment <u>without</u> Renewal | <input type="checkbox"/> Minor Amendment <u>without</u> Renewal |
| <input checked="" type="checkbox"/> Renewal without changes | <input type="checkbox"/> Minor Modification of permit |

e. For amendments or modifications, describe the proposed changes: [Click to enter text.](#)

f. For existing permits:

Permit Number: WQ00 15713001

EPA I.D. (TPDES only): TX 00138673

Expiration Date: February 4th, 2026

Section 3. Facility Owner (Applicant) and Co-Applcant Information (Instructions Page 26)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

RR 417, LLC

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?
You may search for your CN on the TCEQ website at <http://www15.tceq.texas.gov/crpub/>

CN: 605554203

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: Mr.

Last Name, First Name: Torn, Chris

Title: Owner

Credential: [Click to enter text.](#)

B. Co-applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

[Click to enter text.](#)

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?
You may search for your CN on the TCEQ website at: <http://www15.tceq.texas.gov/crpub/>

CN: Click to enter text.

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in 30 TAC § 305.44.

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. APPENDIX A

Section 4. Application Contact Information (Instructions Page 27)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

- A. Prefix: Ms. Last Name, First Name: Crone, Lauren
Title: Sr. Director Credential: P.E.
Organization Name: LJA Engineering
Mailing Address: 7500 Rialto Blvd. Building II. Suite 100 City, State, Zip Code: Austin, TX 78735
Phone No.: 512-439-4700 E-mail Address: lcrone@lja.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact
- B. Prefix: Mr. Last Name, First Name: Ryan, Daniel
Title: Vice President Credential: P.E.
Organization Name: LJA Engineering
Mailing Address: 7500 Rialto Blvd. Building II. Suite 100 City, State, Zip Code: Austin, TX 78735
Phone No.: 512-439-4700 E-mail Address: dryan@lja.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

- A. Prefix: Ms. Last Name, First Name: Crone, Lauren
Title: Sr. Director Credential: P.E.
Organization Name: LJA Engineering
Mailing Address: 7500 Rialto Blvd. Building II. Suite 100 City, State, Zip Code: Austin, TX 78735
Phone No.: 512-439-4700 E-mail Address: lcrone@lja.com

Phone No.: 512-439-4700

E-mail Address: lcrone@lja.com

B. Prefix: Mr.

Last Name, First Name: Ryan, Daniel

Title: Vice President

Credential: P.E.

Organization Name: LJA Engineering

Mailing Address: 7500 Rialto Blvd. Building II, Suite 100 City, State, Zip Code: Austin, TX 78735

Phone No.: 512-439-4700

E-mail Address: dryan@lja.com

Section 6. Billing Contact Information (Instructions Page 27)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits ***in effect on September 1 of each year***. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix: Mr.

Last Name, First Name: Torn, Chris

Title: Owner

Credential: Click to enter text.

Organization Name: RR 417, LLC

Mailing Address: 8839 Farm-to-Market Road 470 City, State, Zip Code: Bandera, Texas 78003

Phone No.: 210-363-4672

E-mail Address: Click to enter text.

Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr.

Last Name, First Name: Smith, Jason

Title: Operator

Credential: Class C

Organization Name: SCJC LP

Mailing Address: PO Box 1242

City, State, Zip Code: Bandera, Texas 78003

Phone No.: 830-688-3414

E-mail Address: Click to enter text.

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms.

Last Name, First Name: Crone, Lauren

Title: Senior Director

Credential: P.E.

Organization Name: LJA Engineering

Mailing Address: 7500 Rialto Blvd. Building II, Suite 100 City, State, Zip Code: Austin, TX 78735

Phone No.: 512-439-4700

E-mail Address: lcrone@lja.com

B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms.

Last Name, First Name: Crone, Lauren

Title: Sr. Director

Credential: P.E.

Organization Name: LJA Engineering

Mailing Address: 7500 Rialto Blvd. Building II, Suite 100 City, State, Zip Code: Austin, TX 78735

Phone No.: 512-439-4700

E-mail Address: lcrone@lja.com

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Bandera Kronkosky Public Library

Location within the building: Public Viewing Desk

Physical Address of Building: 515 Main Street

City: Bandera

County: Bandera County

Contact (Last Name, First Name): Phelan, Paul

Phone No.: (830) 796-4213 Ext.: Click to enter text.

E. Bilingual Notice Requirements

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal** applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

☒ Yes ☐ No

If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

☒ Yes ☐ No

3. Do the students at these schools attend a bilingual education program at another location?

☐ Yes ☒ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

☐ Yes ☒ No

5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? Spanish

F. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: APPENDIX B

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: N/A

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. RN 110465093

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

RR 417 Wastewater Treatment Facility

C. Owner of treatment facility: RR 417, LLC

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

D. Owner of land where treatment facility is or will be:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: RR 417, LLC

Mailing Address: 8839 Farm-to-Market Road 470 City, State, Zip Code: Bandera, Texas 78003

Phone No.: 210-363-4672 E-mail Address: Click to enter text.

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click to enter text.

E. Owner of effluent disposal site:

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

F. Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant)::

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: [Click to enter text.](#)

Section 10. TPDES Discharge Information (Instructions Page 31)

A. Is the wastewater treatment facility location in the existing permit accurate?

☒ Yes ☐ No

If **no**, or a new permit application, please give an accurate description:

[Click to enter text.](#)

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☒ Yes ☐ No

If **no**, or a new or amendment permit application, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

Renewal Permit Application: The outfall was not constructed as discharge is not permitted by the permit as written.

City nearest the outfall(s): Bandera

County in which the outfalls(s) is/are located: Bandera County

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or

☐ Yes ☒ No

If **yes**, indicate by a check mark if:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment: [Click to enter text.](#)

- D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: N/A

Section 11. TLAP Disposal Information (Instructions Page 32)

- A. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

☐ Yes ☐ No

If **no**, or a **new or amendment permit application**, provide an accurate description of the disposal site location:

[Click to enter text.](#)

- B. City nearest the disposal site: [Click to enter text.](#)

- C. County in which the disposal site is located: [Click to enter text.](#)

- D. For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

[Click to enter text.](#)

- E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: [Click to enter text.](#)

Section 12. Miscellaneous Information (Instructions Page 32)

- A. Is the facility located on or does the treated effluent cross American Indian Land?

☐ Yes ☒ No

- B. If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☐ No ☒ Not Applicable

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

[Click to enter text.](#)

C. Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: [Click to enter text.](#)

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

Section 13. Attachments (Instructions Page 33)

Indicate which attachments are included with the Administrative Report. Check all that apply:

- ☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information:
- Applicant's property boundary
 - Treatment facility boundary
 - Labeled point of discharge for each discharge point (TPDES only)
 - Highlighted discharge route for each discharge point (TPDES only)
 - Onsite sewage sludge disposal site (if applicable)
 - Effluent disposal site boundaries (TLAP only)
 - New and future construction (if applicable)
 - 1 mile radius information
 - 3 miles downstream information (TPDES only)
 - All ponds.
- ☐ Attachment 1 for Individuals as co-applicants
- ☒ Other Attachments. Please specify: Appendix A – Core Data Form; Appendix B – Plain Language Summary; Appendix C – USGS Map; Appendix D – Photograph Location; Appendix E – SPIF Map; Appendix F – Process Flow Diagram; Appendix G – Site Drawing

Section 14. Signature Page (Instructions Page 34)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number: [Click to enter text.](#)

Applicant: RR 417, LLC

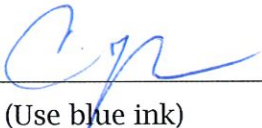
Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.


I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Chris Torn

Signatory title: Director

Signature:  Date: 9/4/25
(Use blue ink)

Subscribed and Sworn to before me by the said Chris Torn
on this 4th day of September, 2025.
My commission expires on the 30th day of November, 2026.


Notary Public

Harris
County, Texas



[SEAL]

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: APPENDIX E

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) ☒ Yes
(Required for all application types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)

Correct and Current Industrial Wastewater Permit Application Forms ☒ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☒ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
(Full-size map if seeking "New" permit.
8 ½ x 11 acceptable for Renewals and Amendments)

Current/Non-Expired, Executed Lease Agreement or Easement ☒ N/A ☐ Yes

Landowners Map ☒ N/A ☐ Yes
(See instructions for landowner requirements)

Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Labels and Cross Reference List ☒ N/A ☐ Yes
(See instructions for landowner requirements)

Electronic Application Submittal ☒ Yes
(See application submittal requirements on page 23 of the instructions.)

Original signature per 30 TAC § 305.44 - Blue Ink Preferred ☒ Yes
(If signature page is not signed by an elected official or principle executive officer, a copy of signature authority/delegation letter must be attached)

Summary of Application (in Plain Language) ☒ Yes

EXHIBIT 2: DOMESTIC TECHNICAL REPORT 1.0

DOMESTIC TECHNICAL REPORT WORKSHEET 2.0



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, please contact the Domestic Wastewater Permitting Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

Section 1. Permitted or Proposed Flows (Instructions Page 42)

A. Existing/Interim I Phase

Design Flow (MGD): 0.025

2-Hr Peak Flow (MGD): 0.1

Estimated construction start date: Feb 2019

Estimated waste disposal start date: June 2019

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.049

2-Hr Peak Flow (MGD): 0.196

Estimated construction start date: 2028

Estimated waste disposal start date: Click to enter text.

D. Current Operating Phase

Provide the startup date of the facility: May 2022

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

Provide a detailed description of the treatment process. **Include the type of treatment plant, mode of operation, and all treatment units.** Start with the plant's head works and

finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed, a description of *each phase* must be provided.**

The system will consist of a complete mix activated sludge treatment package. Phase I will consist of one train including a primary bar, screen, aeration chamber, sludge holding chamber / aerobic digester, mechanical clarifier, disinfection system and effluent pump system. Phase II will consist of the same treatment units and will be a duplicate train located next to Phase I.

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of **each treatment unit, accounting for *all* phases of operation.**

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Digester/ Aeration Chamber	2 (one for each phase)	26' 3" x 12' x 12'
Mechanical Clarifier	2 (one for each phase)	12' diameter x 12' tall
Disinfection Basin	2 (one for each phase)	2' x 12' x 12'
Dosing Pump Chamber	2 (one for each phase)	4' x 12' x 12'
Flow Equalization Basin	1	15.5' x 15' x 12'

C. Process Flow Diagram

Provide flow diagrams for the existing facilities and **each** proposed phase of construction.

Attachment: [Appendix I](#)

Section 3. Site Information and Drawing (Instructions Page 43)

Provide the TPDES discharge outfall latitude and longitude. Enter N/A if not applicable.

- Latitude: 29.667379
- Longitude: -99.234302

Provide the TLAP disposal site latitude and longitude. Enter N/A if not applicable.

- Latitude: [Click to enter text.](#)
- Longitude: [Click to enter text.](#)

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: Appendix J

Provide the name **and** a description of the area served by the treatment facility.

RR 417 (Camp OTX): The service area will consist of a summer camp with lodging for staff and campers and is planned for future expansion.

Collection System Information **for wastewater TPDES permits only:** Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
RR417 Collection System	RR417 LLC	Privately Owned	700
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

Is the application for a renewal of a permit that contains an unbuilt phase or phases?

☒ Yes ☐ No

If **yes**, does the existing permit contain a phase that has not been constructed **within five years** of being authorized by the TCEQ?

☐ Yes ☒ No

If **yes**, provide a detailed discussion regarding the continued need for the unbuilt phase. **Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases.**

Click to enter text.

Section 5. Closure Plans (Instructions Page 44)

Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?

☐ Yes ☒ No

If **yes**, was a closure plan submitted to the TCEQ?

☐ Yes ☐ No

If **yes**, provide a brief description of the closure and the date of plan approval.

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 44)

For applicants with an existing permit, check the Other Requirements or Special Provisions of the permit.

A. Summary transmittal

Have plans and specifications been approved for the existing facilities and each proposed phase?

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: February 4th, 2021

Provide information, including dates, on any actions taken to meet a *requirement or provision* pertaining to the submission of a summary transmittal letter. **Provide a copy of an approval letter from the TCEQ, if applicable.**

Click to enter text.

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.

150' Buffer Zone around Plant on property owned by the applicant.

C. Other actions required by the current permit

Does the *Other Requirements* or *Special Provisions* section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.

☒ Yes ☐ No

If **yes**, provide information below on the status of any actions taken to meet the conditions of an *Other Requirement* or *Special Provision*.

The permittee has obtained a Chapter 210 Reuse authorization prior to initiating the operation of the wastewater treatment facility.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

☐ Yes ☒ No

If **No**, stop here and continue with Subsection E. Stormwater Management.

2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

Click to enter text.

3. Grit disposal

Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?

☐ Yes ☐ No

If **No**, contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

[Click to enter text.](#)

4. *Grease and decanted liquid disposal*

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

Describe how the decant and grease are treated and disposed of after grit separation.

[Click to enter text.](#)

E. Stormwater management

1. *Applicability*

Does the facility have a design flow of 1.0 MGD or greater in any phase?

☐ Yes ☒ No

Does the facility have an approved pretreatment program, under 40 CFR Part 403?

☐ Yes ☒ No

If **no to both of the above**, then skip to Subsection F, Other Wastes Received.

2. *MSGP coverage*

Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?

☐ Yes ☐ No

If **yes**, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:

TXR05 [Click to enter text.](#) or TXRNE [Click to enter text.](#)

If **no**, do you intend to seek coverage under TXR050000?

☐ Yes ☐ No

3. *Conditional exclusion*

Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?

☐ Yes ☐ No

If yes, please explain below then proceed to Subsection F, Other Wastes Received:

Click to enter text.

4. Existing coverage in individual permit

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?

☐ Yes ☐ No

If yes, provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.

Click to enter text.

5. Zero stormwater discharge

Do you intend to have no discharge of stormwater via use of evaporation or other means?

☐ Yes ☐ No

If yes, explain below then skip to Subsection F. Other Wastes Received.

Click to enter text.

Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.

6. Request for coverage in individual permit

Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

☐ Yes ☐ No

If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you

intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

[Click to enter text.](#)

Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.

[Click to enter text.](#)

G. Other wastes received including sludge from other WWTPs and septic waste

1. Acceptance of sludge from other WWTPs

Does or will the facility accept sludge from other treatment plants at the facility site?

☐ Yes ☒ No

If yes, attach sewage sludge solids management plan. See Example 5 of instructions.

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

[Click to enter text.](#)

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

If yes, does the facility have a Type V processing unit?

☐ Yes ☐ No

If yes, does the unit have a Municipal Solid Waste permit?

☐ Yes ☐ No

If **yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

3. Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)

Is or will the facility accept wastes that are not domestic in nature excluding the categories listed above?

☐ Yes ☒ No

If **yes**, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

Click to enter text.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 49)

Is the facility in operation?

☒ Yes ☐ No

If **no**, this section is not applicable. Proceed to Section 8.

If **yes**, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **Water treatment facilities** discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

Note: The sample date must be within 1 year of application submission.

Table1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	13	17.0	2	GRAB	8/13/2025, 08/20/2025
Total Suspended Solids, mg/l	20.3	35	2	GRAB	8/14/2025, 08/21/2025
Ammonia Nitrogen, mg/l	3.895	4.19	2	GRAB	8/13/2025, 08/25/2025
Nitrate Nitrogen, mg/l	0.86		1	GRAB	8/13/2025
Total Kjeldahl Nitrogen, mg/l	2.68		1	GRAB	8/15/2025
Sulfate, mg/l	180		1	GRAB	8/13/2025
Chloride, mg/l	150		1	GRAB	8/13/2025
Total Phosphorus, mg/l	14.19		1	GRAB	8/22/2025
pH, standard units	7.9		1	GRAB	8/13/2025
Dissolved Oxygen*, mg/l	5.9		1	GRAB	8/13/2025
Chlorine Residual, mg/l	3.6		1	GRAB	8/20/2025
<i>E.coli</i> (CFU/100ml) freshwater	<1		1	GRAB	8/13/2025
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l	878		1	GRAB	8/18/2025
Electrical Conductivity, μ mohs/cm, †	1490		1	GRAB	8/13/2025
Oil & Grease, mg/l	<1		1	GRAB	8/13/2025
Alkalinity (CaCO ₃)*, mg/l	292.3		1	GRAB	8/19/2025

*TPDES permits only

†TLAP permits only

Table1.0(3) – Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: SCJC, LPFacility Operator's License Classification and Level: Class C - Wastewater Treatment Operator

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 50)

A. WWTP's Sewage Sludge or Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- ☐ Design flow \geq 1 MGD
- ☐ Serves \geq 10,000 people
- ☐ Class I Sludge Management Facility (per 40 CFR § 503.9)
- ☒ Biosolids generator
- ☐ Biosolids end user – land application (onsite)
- ☐ Biosolids end user – surface disposal (onsite)
- ☐ Biosolids end user – incinerator (onsite)

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting
- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (≥ 2 years)
- ☐ Methane or Biogas Recovery
- ☒ Other Treatment Process: Permitted Landfill

Lab Report

Upper Guadalupe River Authority

Date: 8/28/2025

125 Lehmann Dr. Suite 100, Kerrville, TX 78028

(830) 896-5445

TCEQ State Lab ID: T104704283

CLIENT: RR 417
8839 FM 470
Bandera, TX 78003
masonp@campotx.com; watersmith76@gmail.com
Ph: 7137039746
Project: Wastewater System
System ID No: 15713001

Lab Order: 2508235

Lab ID: 2508235-001
Collection Date/Time: 8/13/2025 9:55
Sample Site: Effluent
Source: WASTE WATER EFFLUENT
Sampled By: Jason Smith
Sample Type:
Field Cl2 Total: NA
Field Cl2 Free: NA

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
BACTERIA MPN BY QUANTITRAY						
Method : SM 9223 B (N)						
E. coli (enumeration) (N)	<1	1.000		MPN/100ml	1	8/13/2025 2:55:00 PM
Total coliforms (enumeration)	<1	1.000		MPN/100ml	1	8/13/2025 2:55:00 PM
CBOD, 5 DAY, 20°C						
Method : SM 5210 B (N)						
Carbonaceous Biochemical Oxygen Demand	17	2.0	Q	mg/L	1	8/14/2025 1:06:00 PM
CHLORIDE						
Method : EPA 300.0 (N)						
Chloride	150	10		mg/L	50	8/13/2025 4:23:00 PM
CONDUCTIVITY						
Method : SM 2510 B (N)						
Conductivity	1490	10.0		µS/cm@25°C	1	8/13/2025
FLUORIDE						
Method : EPA 300.0 (N)						
Fluoride	2.8	0.040		mg/L	1	8/13/2025 4:00:00 PM
AMMONIA AS N						
Method : SM 4500-NH3 D (N)						
Ammonia as N	4.19	0.10		mg/L	1	8/15/2025
NITRATE AS N						
Method : EPA 300.0 (N)						
Nitrogen, Nitrate	0.86	0.040		mg/L	1	8/13/2025 4:00:00 PM
DISSOLVED OXYGEN						
Method : ASTM D888-09 C						
Dissolved Oxygen	5.9	0.20	Q	mg/L	1	8/13/2025 1:21:00 PM
PHOSPHOROUS, TOTAL						
Method : SM4500PE (N)						
Phosphorous, Total	14.19	0.050		mg/L	1	8/22/2025

Quality Control sample results available upon request.

Suffix : (N) - NELAP Accredited Analysis

Qualifiers: Q - Data qualified: see Case Narrative. All required Quality Control was acceptable unless the result is flagged with a "Q" or otherwise noted in the Case Narrative.

Abbreviations : PQL - Practical Quantitation Limit; DF - Dilution Factor

Upper Guadalupe River Authority

Date: 8/28/2025

125 Lehmann Dr. Suite 100, Kerrville, TX 78028

(830) 896-5445

TCEQ State Lab ID: T104704283

CLIENT:	RR 417 8839 FM 470 Bandera, TX 78003 masonp@campotx.com ; watersmith76@gmail.com Ph: 7137039746	Lab Order:	2508235
Project:	Wastewater System		
System ID No:	15713001		

PH	Method : SM 4500-H+ (N)					
pH	7.9	0.1	Q	pH units	1	8/13/2025 1:28:00 PM
SUBCONTRACTED TESTING WAS PERFORMED						
Subcontracted tests, see original report		see below	0		1	8/25/2025
SULFATE	Method : EPA 300.0 (N)					
Sulfate	180	10		mg/L	50	8/13/2025 4:23:00 PM
TOTAL DISSOLVED SOLIDS						
Residue-filterable (TDS)		878	50	mg/L	1	8/18/2025
TOTAL SUSPENDED SOLIDS						
Solids, Total Suspended		5.6	5.00	mg/L	1	8/14/2025

Signature: 
Nicole Shepherd, Lab Manager

Test Methods: Standard Methods for the Examination of Water and Wastewater; EPA Methods for Water and Wastewater; ASTM Int'l Standard Test Methods; Hach Methods



NELAP Accredited by TCEQ
For a list of Fields of Accreditation and current NELAP certificate, visit the Lab Services section of www.ugra.org

Confidentiality Statement: This is a confidential report for use by the addressed customer or authorized agent. This report may not be reproduced except in full.

Compliance Statement: All laboratory analyses performed in connection with the generation of the data set forth in this report were undertaken in accordance with requirements applicable to the laboratory methods used, unless otherwise noted in an attached Case Narrative. Any known problems/ anomalies observed by this laboratory (and if applicable, laboratories subcontracted through this laboratory) that might affect the quality of the data have been identified in the Case Narrative. Results shown relate only to the samples tested. Any known problems associated with the quality of the samples have been identified in the Case Narrative. All required Quality Control associated with the samples was acceptable unless the result is qualified with a "Q" flag or otherwise noted in the Case Narrative. The use of the measured values in this report for regulatory compliance purposes must be evaluated by, and is solely the responsibility of, the customer.

Quality Control sample results available upon request.

Suffix : (N) - NELAP Accredited Analysis

Qualifiers: Q - Data qualified: see Case Narrative. All required Quality Control was acceptable unless the result is flagged with a "Q" or otherwise noted in the Case Narrative.

Abbreviations : PQL – Practical Quantitation Limit; DF – Dilution Factor

CLIENT: RR 417
Project: Wastewater System
Lab Order: 2508235

CASE NARRATIVE

Analysis of the following test(s) was performed by A and B Environmental Services Houston (NELAP Certificate No. T104704213 exp 3-31-2026, TCEQ Lab Approval ID T104704213): TKN Oil and Grease Alkalinity Aluminum

The original report for the subcontracted testing follows this case narrative.

pH: Sample was received at laboratory for pH analysis after the 15 minute holding time had expired. Sample pH measured at 19.5 degrees Celsius.

Dissolved Oxygen: Sample was received at laboratory for Dissolved Oxygen analysis after the 15 minute holding time had expired. Sample was collected in a plastic bottle.

CBOD: There was a greater than 30% difference between the measurements of the BOD value for this sample. The lowest value measured was 6 mg/L. The highest value measured was 38 mg/L. The reported value is the average of the three valid measurements.

Laboratory Analysis Report

Total Number of Pages: 10

Job ID : 25081543



10100 East Freeway, Suite 100, Houston, TX 77029 tel: 713-453-6060, fax: 713-453-6091, <http://www.ablabs.com>

Client Project Name :

2508235 / Wastewater System 15713001

Report To :	Client Name: UGRA - Upper Guadalupe River Authority	P.O.#: 5255
	Attn: Nicole Shepherd	Sample Collected By: Jason Smith
	Client Address: 125 Lehmann Dr. Suite 100	Date Collected: 08/13/25
	City, State, Zip: Kerrville, Texas, 78028	

A&B Labs has analyzed the following samples...

Client Sample ID	Matrix	A&B Sample ID
Effluent	Water	25081543.01

A handwritten signature in blue ink, appearing to read 'D. Shanmugam'.

Released By: Dhamodharan Shanmugam

Title: Reporting Associate

Date: 8/22/2025



This Laboratory is NELAP (T104704213-23-31) accredited. Effective: 04/01/2025; Expires: 03/31/2026

Scope: Non-Potable Water, Drinking Water, Air, Solid, Biological Tissue, Hazardous Waste

I am the laboratory manager, or his/her designee, and I am responsible for the release of this data package. This laboratory data package has been reviewed and is complete and technically compliant with the requirements of the methods used, except where noted in the attached exception reports. I affirm, to the best of my knowledge that all problems/anomalies observed by this laboratory (and if applicable, any and all laboratories subcontracted through this laboratory) that might affect the quality of the data, have been identified in the Laboratory Review Checklist, and that no information or data have been knowingly withheld that would affect the quality of the data.

This report cannot be reproduced, except in full, without prior written permission of A&B Labs. Results shown relate only to the items tested. Results apply to the sample as received. Samples are assumed to be in acceptable condition unless otherwise noted. Blank correction is not made unless otherwise noted. Air concentrations reported are based on field sampling information provided by client. Soil samples are reported on a wet weight basis unless otherwise noted. Uncertainty estimates are available on request.

ab-q210-0321

Date Received : 08/15/2025 10:13

25.1.27500

LABORATORY TERM AND QUALIFIER DEFINITION REPORT



Job ID : 25081543

Date: 8/22/2025

General Term Definition

Back-Wt	Back Weight	Post-Wt	Post Weight
BRL	Below Reporting Limit	ppm	parts per million
cfu	colony-forming units	Pre-Wt	Previous Weight
Conc.	Concentration	Q	Qualifier
D.F.	Dilution Factor	RegLimit	Regulatory Limit
Front-Wt	Front Weight	RLU	Relative Light Unit
J	Estimation. Below calibration range but above MDL	RPD	Relative Percent Difference
LCS	Laboratory Check Standard	RptLimit	Reporting Limit
LCSD	Laboratory Check Standard Duplicate	SDL	Sample Detection Limit
LOD	Limit of detection adjusted for %M + DF	SQL	Sample Quantitation Limit
LOQ	Limit of Quantitation adjusted for %M + DF	surr	Surrogate
MS	Matrix Spike	T	Time
MSD	Matrix Spike Duplicate	TNTC	Too numerous to count
MW	Molecular Weight	UQL	Unadjusted Upper Quantitation Limit
MQL	Unadjusted Minimum Quantitation Limit		

Qualifier Definition

M6	Sample concentration high, more than 4X spike concentration. Control limits do not apply."The sample randomly selected as QC for this batch was not part of your project. Therefore, this sample matrix is not applicable to your project samples."
----	---



LABORATORY TEST RESULTS

Job ID : 25081543

Date 8/22/2025

Client Name: UGRA - Upper Guadalupe River Authority

Attn: Nicole Shepherd

Project Name: 2508235 / Wastewater System 15713001

Client Sample ID: Effluent

Job Sample ID: 25081543.01

Date Collected: 08/13/25

Sample Matrix Water

Time Collected: 09:55

Other Information:

Test Method	Parameter/Test Description	Result	Units	DF	Rpt Limit	Reg Limit	Q	Date Time	Analyst
EPA 1664B	Oil & Grease	BRL	mg/L	1.14	2.85			08/19/25 11:34	NA
EPA 200.8	Metals by ICP/MS								
	Aluminum	0.0343	mg/L	1.00	0.001			08/19/25 13:09	AK
EPA 351.2	Total Kjeldahl Nitrogen								
	TKN	2.68	mg/L	10.00	2			08/15/25 23:20	SKC
SM 2320B	Alkalinity								
	Alkalinity	292.3	mg CaCO3/L	1	20			08/19/25 14:00	DPK

ab-q212-0321

QUALITY CONTROL CERTIFICATE



Job ID : 25081543

Date : 8/22/2025

Analysis : Total Kjeldahl Nitrogen	Method : EPA 351.2	Reporting Units : mg/L
QC Batch ID : Qb25081876	Created Date : 08/15/25	Created By : Srijan
Samples in This QC Batch : 25081543.01		
Sample Preparation : PB25081836	Prep Method : EPA 351.2_	Prep Date : 08/15/25 19:00 Prep By : Srijan

QC Type: Blank Result								
QCType	Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Method Blank	TKN		BRL	mg/L	1.00	0.2		

QC Type: LCS and LCSD										
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
TKN	1	0.953	95.3	1	0.959	95.9	0.7	10	90-110	

QC Type: MS and MSD											
QC Sample ID: 25081404.01											
Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
TKN	0.565	1	1.60	104	1	1.61	104	0.3	10	90-110	

ab-q213-0321

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE



Job ID : 25081543

Date : 8/22/2025

Analysis :	Method : EPA 1664B	Reporting Units : mg/L
QC Batch ID : Qb25081924	Created Date : 08/19/25	Created By : NAmarasinghe
Samples in This QC Batch : 25081543.01		
Sample Preparation : PB25081914	Prep Method : EPA 1664B	Prep Date : 08/19/25 10:15 Prep By : NAmarasinghe

QC Type: Blank Result								
QCType	Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Method Blank	Oil & Grease		BRL	mg/L	1	2.50		

QC Type: LCS and LCSD										
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Oil & Grease	40	36,3	90,8	40	35,9	89,8	1,1	11	78-114	

QC Type: MS and MSD											
QC Sample ID: 25081527.01											
Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Oil & Grease	BRL	40	38,4	93,0						78-114	

ab-q213-0321

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE



Job ID : 25081543

Date : 8/22/2025

Analysis :	Metals by ICP/MS	Method :	EPA 200.8	Reporting Units :	mg/L
QC Batch ID :	Qb25081990	Created Date :	08/19/25	Created By :	Abhishek
Samples in This QC Batch : 25081543.01					
Digestion :	PB25081931	Prep Method :	EPA 200.8	Prep Date :	08/19/25 08:30
		Prep By :	JYou		

QC Type: Blank Result								
QCType	Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Method Blank	Aluminum	7429-90-5T	BRL	mg/L	1	0.001		

QC Type: LCS and LCSD										
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit	Qual
Aluminum	0.05	0.0489	97.8	0.05	0.0491	98.2	0.4	20	85-115	

QC Type: MS and MSD											
QC Sample ID: 25081604.01											
Parameter	Sample Result	MS Spk Added	MS Result	MS % Rec	MSD Spk Added	MSD Result	MSD % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Aluminum	0.457	0.1	0.611	154						70-130	M6

QC Type: MS2 and MSD2											
QC Sample ID: 25081657.01											
Parameter	Sample Result	MS2 Spk Added	MS2 Result	MS2 % Rec	MSD2 Spk Added	MSD2 Result	MSD2 % Rec	RPD	RPD CtrlLimit	%Rec CtrlLimit	Qual
Aluminum	0.00222	0.1	0.104	102						70-130	

ab-q213-0321

Refer to the Definition page for terms.

QUALITY CONTROL CERTIFICATE



Job ID : 25081543

Date : 8/22/2025

Analysis : Alkalinity **Method :** SM 2320B **Reporting Units :** mg CaCO3/L

QC Batch ID : Qb25081992 **Created Date :** 08/19/25 **Created By :** DKunwar

Samples in This QC Batch : 25081543.01

QC Type: Blank Result								
QCType	Parameter	CAS #	Result	Units	D.F.	RptLimit		Qual
Method Blank	Alkalinity		BRL	mg CaCO3/L	1	20		

QC Type: Duplicate								
QC Sample ID: 25081162.01								
Parameter	QCSample Result	Sample Result	Units	RPD	RPD CtrlLimit			Qual
Alkalinity	1405.4	1397.4	mg CaCO3	0.6	20			

QC Type: LCS and LCSD									
Parameter	LCS Spk Added	LCS Result	LCS % Rec	LCSD Spk Added	LCSD Result	LCSD % Rec	RPD	RPD CtrlLimit	%Recovery CtrlLimit
Alkalinity	1250	1241.2	99.3	1250	1251.3	100.0	0.8	20	91.7-114

ab-q213-0321

Refer to the Definition page for terms.

A & R Labs
Job ID: 25081543



08/15/2025 UGRA - Upper Guadalupe ANA

ablabs.com

A&B JOB ID #

5. Project # 2508235

6. Project Name/Location

Wastewater System 15713001

7. Reporting Requirement:

☐ TRRP Limits Only ☐ TRRP Rpt. Package ☐ See Attached ☐ Standard Level II ☐ FST ☐ MDL ☐ EDD

8. Sampler's Name & Company (PLEASE PRINT)

Jason Smith

Sampler's Signature & Date

LAB USE ONLY

9. Sample ID and Description

10. Sampling

11. Comp.

12. Grab

Matrix

Date

Time 24hr

Water

Soil

Sludge

Oil

Drinking Water

Air

Other

DIAD Effluent

8-13-25 0955

✓

✓

No. of Containers

13. Containers*
14. Preservatives**
15. P-H-Lab Only
16. P-H-Lab Only
17. Analysis/Methods
TKN
Oil and Grease
Alkalinity
Aluminum

18. REMARKS

19. RELINQUISHED BY

DATE

TIME

20. RECEIVED BY

DATE

TIME

21. KNOWN HAZARDS/COMMENTS

Nicole Shepherd
FedEx

8-14-25 1700
8/15/25 10:17

FedEx
KLM

8-14-25 1700
8/15/25 10:17

Temperature: 3.6 °C
Thermometer: TR10
Intact: Y or N Initials: NM

* Containers: VOA - 40 ml vial A/G - Amber/Glass 1 Liter
4 oz/8 oz - glass wide mouth P/C - Plastic/Other

**Preservatives: C - Cool H - HCL N - HNO₃ S - H₂SO₄
OH - NaOH T - Na₂S₂O₃ X - Other

METHOD OF SHIPMENT FedEx

BILL OF LADING/TRACKING # 8835 7804 4866

A&B Cannot accept verbal changes
Please FAX written changes to 713-453-6001

LAB USE ONLY SAMPLING RENTAL P/U

Samples will be disposed of after 30 days
A&B reserves the right to return samples

Custody

The Chain of Custody is a Legal Document

Page 1 of 1

FedEx
TRK# 8835 7804 4866
0201

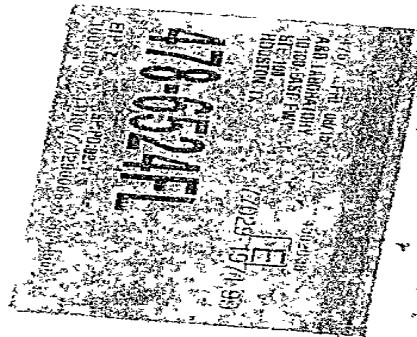
FRI — 15 AUG AA
STANDARD OVERNIGHT

43 HBYA

77029
TX-US IAH



415613 08/14 580J4/AB55/5VF2





Sample Condition Checklist

A&B JobID : 25081543	Date Received : 08/15/2025	Time Received : 10:13AM
Client Name : UGRA - Upper Guadalupe River Authority		
Temperature : 3.6	Sample pH : <2 TKN 7 Metals	
Thermometer ID : IR9	pH Paper ID : 128919	
Perservative :	Lot# :	

	Check Points	Yes	No	N/A																						
1.	Cooler Seal present and signed.		X																							
2.	Sample(s) in a cooler.	X																								
3.	If yes, ice in cooler.	X																								
4.	Sample(s) received with chain-of-custody.	X																								
5.	C-O-C signed and dated.	X																								
6.	Sample(s) received with signed sample custody seal.		X																							
7.	Sample containers arrived intact. (If No comment)	X																								
8.	Matrix: <table style="display: inline-table; vertical-align: middle;"> <tr> <td>Water</td><td>Soil</td><td>Liquid</td><td>Sludge</td><td>Solid</td><td>Cassette</td><td>Tube</td><td>Bulk</td><td>Badge</td><td>Food</td><td>Other</td> </tr> <tr> <td><input checked="" type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td><td><input type="checkbox"/></td> </tr> </table>	Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Other	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
Water	Soil	Liquid	Sludge	Solid	Cassette	Tube	Bulk	Badge	Food	Other																
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>																
9.	Samples were received in appropriate container(s)	X																								
10.	Sample(s) were received with Proper preservative		X																							
11.	All samples were tagged or labeled.	X																								
12.	Sample ID labels match C-O-C ID's.	X																								
13.	Bottle count on C-O-C matches bottles found.	X																								
14.	Sample volume is sufficient for analyses requested.	X																								
15.	Samples were received with in the hold time.	X																								
16.	VOA vials completely filled.			X																						
17.	Sample accepted.	X																								
18.	Has client been contacted about sub-out			X																						

Comments : Include actions taken to resolve discrepancies/problem:
 Sx01D received with a pH of 7, preserved w/1mL HNO3 on 08/15/25 @ 15:17, LOT#126910, pH <2. ~KS 08/15/25

Brought by : FedEx

Received by : KMatthieu

Check in by/date : Amber / 08/15/2025

ab-s005-1123



Upper Guadalupe River Authority Chain of Custody



UGRA Customer Information (please fill out completely)

Reports will be emailed unless otherwise specified.

Company Name RR417 LLC				Email Address 1 Mason@campco.com			
Primary Contact Mason Peters				Email Address 2 Watersmith76@gmail.com			
Alternate Contact Jason Smith				Phone Number 713-730-9746			
Mailing Address 9225 Katy Freeway Suite 310				Do you need a RUSH (doubles price)?			
City Houston State TX Zip 77024				<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes			
Project/System Name Waste water System				pH and Dissolved Oxygen measurements should be taken in the field. Measurements taken in a laboratory should be taken within 15 minutes of collection. Since this holding time is nearly impossible to adhere to, please be aware that all pH and DO measurements taken after 15 minutes from collection will be qualified in the reports. Qualified results may not be acceptable for regulatory compliance purposes.			
Permit/System Number WQ0015713001				No Permit (Private)			
Samples Collected By: Jason Smith				Sampler Phone #: 8306883414			
Comments:				Sample Source			
Reporting to a third party? circle one: HGCD TCEQ Lender Other				Sample Type			
Sample Location				Date			
Time				Res. CI2			
Free				Raw			
Total				Treated			
Free				Raw			
Total				Treated			
Free				Raw			
Total				Treated			
Free				Raw			
Total				Treated			
Relinquished By Jim				Date 8-13-25			
Relinquished By Jim				Date 8-13-25			

UGRA may subcontract testing to other labs. Subcontracted work will be identified in the report.

UGRA supplied containers: U1 = 120ml Sterile U2 = 2L HPDE no preservative U3 = 250ml HPDE preservative as noted U4 = 250ml Sterile S = bottle from subcontract lab


\$ 400.00 ☐ Paid

	Cash	CC	Check	Ref
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				
23				
24				
25				
26				
27				
28				
29				
30				
31				
32				
33				
34				
35				
36				
37				
38				
39				
40				
41				
42				
43				
44				
45				
46				
47				
48				
49				
50				
51				
52				
53				
54				
55				
56				
57				
58				
59				
60				
61				
62				
63				
64				
65				
66				
67				
68				
69				
70				
71				
72				
73				
74				
75				
76				
77				
78				
79				
80				
81				
82				
83				
84				
85				
86				
87				
88				
89				
90				
91				
92				
93				
94				
95				
96				
97				
98				
99				
100				

POLLUTION CONTROL SERVICES



Report of Sample Analysis

Client Information	Sample Information	Laboratory Information
Mason Peters RR417 8839 FM 470 Bandera, TX 78003	Project Name: Sample ID: Effluent Matrix: Non-Potable Water Date/Time Taken: 8/20/2025 0515	PCS Sample #: 812815 Page 1 of 1 Date/Time Received: 8/20/2025 12:25 Report Date: 8/27/2025 Approved by:  Chuck Wallgren, President

Test Description	Result	Units	RL	Analysis Date/Time	Method	Analyst
CBOD5	9	mg/L	3	08/20/2025 16:14	SM 5210 B	PML
Total Suspended Solids	35	mg/L	1	08/21/2025 09:30	SM 2540 D	PML
Ammonia-N (ISE)	3.6	mg/L	0.1	08/25/2025 10:50	SM 4500-NH3 D	CLH

Test Description	Precision	Quality Assurance Summary				UCL	LCS	LCS Limit	Blank
		Limit	LCL	MS	MSD				
CBOD5	<1	23	N/A	N/A	N/A	N/A	228	167 - 228	
Total Suspended Solids	1	10	N/A			N/A			
Ammonia-N (ISE)	1	10	80	92	93	120	93	85 - 115	

Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.

These analytical results relate only to the sample tested.
 All data is reported on an 'As Is' basis unless designated as 'Dry Wt'.
 RL = Reporting Limits
 QC Data Reported in %, Except BOD in mg/L

POLLUTION CONTROL SERVICES

Chain of Custody Number

812815

MULTIPLE SAMPLE ANALYSIS REQUEST AND CHAIN OF CUSTODY FORM

Stamp 1st sample and COC as same number

CUSTOMER INFORMATION				REPORT INFORMATION														
Name: <u>Next Tier Oil Field Solutions RR417 LLC</u>				Attention: <u>Mason Peters</u>				Phone: <u>713-730-9746</u>				Fax:						
SAMPLE INFORMATION				Requested Analysis														
Project Information:			Collected By: <u>Jim B</u>		Instructions/Comments:													
Client / Field Sample ID	Collected		Field Chlorine Residual mg/L	Composite or Grab	Matrix		Container		CBOD, TSS	E. Coli	Nitrogen Ammonia							PCS Sample Number
	Date	Time			DW-Drinking Water; NPW-Non-potable water; WW-Wastewater; LW-Liquid Waste	Type	Number	Preservative										
Effluent	Start: <u>8-20-25</u>	Start: <u>5:15</u>		<input checked="" type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input checked="" type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃		★								812815
	End:	End:		<input checked="" type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										
Effluent	Start: <u>8-20-25</u>	Start: <u>5:15</u>		<input checked="" type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input checked="" type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃		★								
	End:	End:		<input checked="" type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃										
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃										
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃										
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃										
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃										
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃										
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH										

Required Turnaround: ☐ Routine (6-10 days) ☒ EXPEDITE: (See Surcharge Schedule) ☐ < 8 Hrs. ☐ < 16 Hrs. ☐ < 24 Hrs. ☐ 5 days ☐ Other: _____ Rush Charges Authorized by: _____

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Hold for client pick up Container Type: P = Plastic, G = Glass, O = Other _____ Carrier ID: _____

Relinquished By: <u>[Signature]</u>	Date: <u>8-20-25</u>	Time: <u>8:00</u>	Received By: <u>[Signature]</u>	Date: <u>8-20-25</u>	Time: <u>9:00</u>
Relinquished By: <u>[Signature]</u>	Date: <u>8-20-25</u>	Time: <u>12:25</u>	Received By: <u>[Signature]</u>	Date: <u>8-20-25</u>	Time: <u>12:25</u>

Rev. Multiple Sample COC_20180628

1532 Universal City Blvd., Ste. 100, Universal City, Texas 78148
P (210) 340-0343 or (800) 880-4616 - F (210) 658-7903

Login at www.pcslab.net

Pollution Control Services Sample Log-In Checklist

PCS Sample No(s) 812815 COC No. 812815

Client/Company Name: RR417LLC Checklist Completed by: JAA

Sample Delivery to Lab Via:

Client Drop Off ☒ Commercial Carrier: Bus ☐ UPS ☐ Lone Star ☐ FedEx ☐ USPS ☐
PCS Field Services: Collection/Pick Up ☐ Other: ☐

Sample Kit/Coolers

Sample Kit/Cooler? Yes ☒ No ☐ Sample Kit/Cooler: Intact? Yes ☒ No ☐
Custody Seals on Sample Kit/Cooler: Not Present ☒ If Present, Intact ☐ Broken ☐
Sample Containers Intact; Unbroken and Not Leaking? Yes ☒ No ☐
Custody Seals on Sample Bottles: Not Present ☒ If Present, Intact ☐ Broken ☐
COC Present with Shipment or Delivery or Completed at Drop Off? Yes ☒ No ☐
Has COC sample date/time and other pertinent information been provided by client/sampler? Yes ☒ No ☐
Has COC been properly Signed when Received/Relinquished? Yes ☒ No ☐
Does COC agree with Sample Bottle Information, Bottle Types, Preservation, etc.? Yes ☒ No ☐
All Samples Received before Hold Time Expiration? Yes ☒ No ☐
Sufficient Sample Volumes for Analysis Requested? Yes ☒ No ☐
Zero Headspace in VOA Vial? Yes ☐ No ☒

Sample Preservation:

* Cooling: Not Required ☐ or Required ☒
If cooling required, record temperature of submitted samples Observed/Corrected 8.8, 9.2 °C
Is Ice Present in Sample Kit/Cooler? ☒ Yes ☐ No Samples received same day as collected? ☒ Yes ☐ No
Lab Thermometer Make and Serial Number: ennoLogic HDHC000015629 Other: ☐

Acid Preserved Sample - If present, is pH <2? Yes ☐ No ☐ ** ☐ H₂SO₄ ☐ HNO₃ ☐ H₃PO₄

Base Preserved Sample - If present, is pH >12? Yes ☐ No ☐ NaOH

Other Preservation: ☐ If Present, Meets Requirements? Yes ☐ No ☐

Sample Preservations Checked by: ☐ Date ☐ Time ☐

pH paper used to check sample preservation (PCS log #): ☐ (HEM pH checked at analysis).

Samples Preserved/Adjusted by Lab:	Lab #	Parameters Preserved	Preservative Used	Log #
		Ammonia	H2SO4	01902104

Adjusted by Tech/Analyst: JAA Date: 8-20-25 Time: 1245

Client Notification/ Documentation for "No" Responses Above/ Discrepancies/ Revision Comments

Person Notified: Jason Smith Contacted by: Chuck Wallgren

Notified Date: 8-20-25 Time: 1428

Method of Contact: At Drop Off ☐ Phone ☐ Left Voice Mail ☐ E-Mail ☐ Fax ☐

Unable to Contact ☐ Authorized Laboratory to Proceed: ☐ (Lab Director)

Regarding / Comments: no E. coli. Jason Smith bringing in separately. Log for C800.
TSS, NH₃N, per chuck.

Actions taken to correct problems/discrepancies: ☐

Receiving qualifier needed (requires client notification above) Temp. ☐ Holding Time ☐ Initials: ☐

Receiving qualifier entered into LIMS at login Initial/Date: ☐

Revision Comments: ☐



Client Information	Sample Information	Laboratory Information
Mason Peters RR417 8839 FM 470 Bandera, TX 78003	Project Name: Sample ID: Effluent Matrix: Non-Potable Water Date/Time Taken: 8/21/2025 0530	PCS Sample #: 812936 Page 1 of 1 Date/Time Received: 8/21/2025 11:50 Report Date: 8/22/2025 Approved by: _____ Chuck Wallgren, President

<p>Quality Statement: All supporting quality data adhered to data quality objectives and test results meet the requirements of NELAC unless otherwise noted as flagged exceptions or in a case narrative attachment. Reports with full quality data deliverables are available on request.</p>	
	<p>These analytical results relate only to the sample tested. All data is reported on an 'As Is' basis unless designated as 'Dry Wt'. RL = Reporting Limits</p>

POLLUTION CONTROL SERVICES

Chain of Custody Number

812936

MULTIPLE SAMPLE ANALYSIS REQUEST AND CHAIN OF CUSTODY FORM

Stamp 1st sample and COC as same number

CUSTOMER INFORMATION				REPORT INFORMATION															
Name: <u>Next Tier Oil Field Solutions</u>				Attention: <u>Mason Peters</u>				Phone: <u>214-725-4745</u>				Fax:							
SAMPLE INFORMATION				Requested Analysis															
Project Information:			Collected By: <u>[Signature]</u>				Instructions/Comments:												
Report "Soils" <input type="checkbox"/> As Is <input type="checkbox"/> Dry Wt.																			
Client / Field Sample ID	Collected		Field Chlorine Residual mg/L	Composite or Grab	Matrix DW-Drinking Water; NPW-Non-potable water; WW-Wastewater; LW-Liquid Waste	Type	Number	Preservative	CBOD. TSS	E.Coli									PCS Sample Number
	Date	Time																	
Effluent	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃											
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH											
					<input type="checkbox"/> Sludge <input type="checkbox"/> LW	<input type="checkbox"/> O		<input type="checkbox"/> ICE <input type="checkbox"/>											
					<input type="checkbox"/> Other														
Effluent	Start: <u>8-21-25</u>	Start: <u>5:30</u>		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃											
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH											
					<input type="checkbox"/> Sludge <input type="checkbox"/> LW	<input type="checkbox"/> O		<input type="checkbox"/> ICE <input type="checkbox"/>											
					<input type="checkbox"/> Other														
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃											
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH											
					<input type="checkbox"/> Sludge <input type="checkbox"/> LW	<input type="checkbox"/> O		<input type="checkbox"/> ICE <input type="checkbox"/>											
					<input type="checkbox"/> Other														
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃											
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH											
					<input type="checkbox"/> Sludge <input type="checkbox"/> LW	<input type="checkbox"/> O		<input type="checkbox"/> ICE <input type="checkbox"/>											
					<input type="checkbox"/> Other														
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃											
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH											
					<input type="checkbox"/> Sludge <input type="checkbox"/> LW	<input type="checkbox"/> O		<input type="checkbox"/> ICE <input type="checkbox"/>											
					<input type="checkbox"/> Other														
	Start:	Start:		<input type="checkbox"/> C	<input type="checkbox"/> DW <input type="checkbox"/> NPW	<input type="checkbox"/> P		<input type="checkbox"/> H ₂ SO ₄ <input type="checkbox"/> HNO ₃											
	End:	End:		<input type="checkbox"/> G	<input type="checkbox"/> WW <input type="checkbox"/> Soil	<input type="checkbox"/> G		<input type="checkbox"/> H ₃ PO ₄ <input type="checkbox"/> NaOH											
					<input type="checkbox"/> Sludge <input type="checkbox"/> LW	<input type="checkbox"/> O		<input type="checkbox"/> ICE <input type="checkbox"/>											
					<input type="checkbox"/> Other														

Required Turnaround: <input type="checkbox"/> Routine (6-10 days)		EXPEDITE: (See Surcharge Schedule)		<input type="checkbox"/> < 8 Hrs. <input type="checkbox"/> < 16 Hrs. <input type="checkbox"/> < 24 Hrs. <input type="checkbox"/> 5 days <input type="checkbox"/> Other: _____		Rush Charges Authorized by: _____	
Sample Archive/Disposal: <input type="checkbox"/> Laboratory Standard <input type="checkbox"/> Hold for client pick up		Container Type: P = Plastic, G = Glass, O = Other _____		Carrier ID: _____			
Relinquished By: <u>[Signature]</u>	Date: <u>8-21-25</u>	Time: <u>8:15</u>	Received By: <u>[Signature]</u>	Date: <u>8-21-25</u>	Time: <u>8:17</u>		
Relinquished By: <u>[Signature]</u>	Date: <u>8-21-25</u>	Time: <u>11:50</u>	Received By: <u>[Signature]</u>	Date: <u>8-21-25</u>	Time: <u>11:50</u>		

Rev. Multiple Sample COC_20180628

1532 Universal City Blvd., Ste. 100, Universal City, Texas 78148
P (210) 340-0343 or (800) 880-4616 - F (210) 658-7903

Login at www.pcslab.net

Pollution Control Services Sample Log-In Checklist

812936

PCS Sample No(s) 812936

COC No. _____

Client/Company Name: RP417

Checklist Completed by: LMC

Sample Delivery to Lab Via:

Client Drop Off ☒ Commercial Carrier: Bus ☐ UPS ☐ Lone Star ☐ FedEx ☐ USPS ☐
PCS Field Services: Collection/Pick Up ☐ Other: _____

Sample Kit/Coolers

Sample Kit/Cooler? Yes ☒ No ☐ Sample Kit/Cooler: Intact? Yes ☒ No ☐
Custody Seals on Sample Kit/Cooler: Not Present ☒ If Present, Intact ☐ Broken ☐
Sample Containers Intact; Unbroken and Not Leaking? Yes ☒ No ☐
Custody Seals on Sample Bottles: Not Present ☒ If Present, Intact ☐ Broken ☐
COC Present with Shipment or Delivery or Completed at Drop Off? Yes ☒ No ☐
Has COC sample date/time and other pertinent information been provided by client/sampler? Yes ☒ No: ☐
Has COC been properly Signed when Received/Relinquished? Yes ☒ No ☐
Does COC agree with Sample Bottle Information, Bottle Types, Preservation, etc.? Yes ☒ No ☐
All Samples Received before Hold Time Expiration? Yes ☒ No ☐
Sufficient Sample Volumes for Analysis Requested? Yes ☒ No ☐
Zero Headspace in VOA Vial? Yes ☐ No ☒

Sample Preservation:

* Cooling: Not Required ☒ or Required ☐
If cooling required, record temperature of submitted samples Observed/Corrected 4.1 / 4.5 ^{4.5} _{4.7} °C
Is Ice Present in Sample Kit/Cooler? ☒ Yes ☐ No Samples received same day as collected? ☒ Yes ☐ No
Lab Thermometer Make and Serial Number: ennoLogic HDHC000015629 Other: _____

Acid Preserved Sample - If present, is pH <2? Yes ☐ No ☒ ** ☐ H₂SO₄ ☐ HNO₃ ☐ H₃PO₄

Base Preserved Sample - If present, is pH >12? Yes ☐ No ☒ ☐ NaOH

Other Preservation: _____ If Present, Meets Requirements? Yes ☐ No ☒

Sample Preservations Checked by: _____ Date: _____ Time: _____

pH paper used to check sample preservation (PCS log #): _____ (HEM pH checked at analysis).

Samples Preserved/Adjusted by Lab: Lab # Parameters Preserved Preservative Used Log #

Lab #	Parameters Preserved	Preservative Used	Log #

Adjusted by Tech/Analyst: _____ Date: _____ Time: _____

Client Notification/ Documentation for "No" Responses Above/ Discrepancies/ Revision Comments

Person Notified: _____ Contacted by: _____

Notified Date: _____ Time: _____

Method of Contact: At Drop Off: ☐ Phone ☐ Left Voice Mail ☐ E-Mail ☐ Fax ☐

Unable to Contact ☐ Authorized Laboratory to Proceed: _____ (Lab Director)

Regarding / Comments: _____

Actions taken to correct problems/discrepancies: _____

Receiving qualifier needed (requires client notification above) Temp. _____ Holding Time _____ Initials: _____

Receiving qualifier entered into LIMS at login Initial/Date: _____

Revision Comments: _____

permit will authorize all sewage sludge or biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): [Click to enter text.](#)

D. Disposal site

Disposal site name: Mesquite Creek Landfill

TCEQ permit or registration number: 95594TX

County where disposal site is located: Comal County

E. Transportation method

Method of transportation (truck, train, pipe, other): Truck

Name of the hauler: SJWTX, Inc dba Canyon Lake Water Service Company

Hauler registration number: 24521

Sludge is transported as a:

Liquid ☐ semi-liquid ☒ semi-solid ☐ solid ☐

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 52)

A. Beneficial use authorization

Does the existing permit include authorization for land application of biosolids for beneficial use?

☐ Yes ☒ No

If yes, are you requesting to continue this authorization to land apply biosolids for beneficial use?

☐ Yes ☐ No

If yes, is the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)** attached to this permit application (see the instructions for details)?

☐ Yes ☐ No

B. Sludge processing authorization

Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?

Sludge Composting	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Marketing and Distribution of Biosolids	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Sludge Surface Disposal or Sludge Monofill	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No
Temporary storage in sludge lagoons	<input type="checkbox"/>	Yes	<input checked="" type="checkbox"/>	No

If **yes** to any of the above sludge options and the applicant is requesting to continue this authorization, is the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)** attached to this permit application?

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

If yes, complete the remainder of this section. If no, proceed to Section 12.

A. Location information

The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.

- Original General Highway (County) Map:
Attachment: [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:
Attachment: [Click to enter text.](#)
- Federal Emergency Management Map:
Attachment: [Click to enter text.](#)
- Site map:
Attachment: [Click to enter text.](#)

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: [Click to enter text.](#)

If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:

[Click to enter text.](#)

B. Temporary storage information

Provide the results for the pollutant screening of sludge lagoons. These results are in addition to pollutant results in *Section 7 of Technical Report 1.0*.

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: [Click to enter text.](#)

Phosphorus, mg/kg: [Click to enter text.](#)

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

Ammonia Nitrogen mg/kg: [Click to enter text.](#)

Arsenic: [Click to enter text.](#)

Cadmium: [Click to enter text.](#)

Chromium: [Click to enter text.](#)

Copper: [Click to enter text.](#)

Lead: [Click to enter text.](#)

Mercury: [Click to enter text.](#)

Molybdenum: [Click to enter text.](#)

Nickel: [Click to enter text.](#)

Selenium: [Click to enter text.](#)

Zinc: [Click to enter text.](#)

Total PCBs: [Click to enter text.](#)

Provide the following information:

Volume and frequency of sludge to the lagoon(s): [Click to enter text.](#)

Total dry tons stored in the lagoons(s) per 365-day period: [Click to enter text.](#)

Total dry tons stored in the lagoons(s) over the life of the unit: [Click to enter text.](#)

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of 1×10^{-7} cm/sec?

☐ Yes ☐ No

If yes, describe the liner below. Please note that a liner is required.

[Click to enter text.](#)

D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the lagoon(s):

[Click to enter text.](#)

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
Attachment: [Click to enter text.](#)
- Copy of the closure plan
Attachment: [Click to enter text.](#)
- Copy of deed recordation for the site
Attachment: [Click to enter text.](#)
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
Attachment: [Click to enter text.](#)
- Description of the method of controlling infiltration of groundwater and surface water from entering the site
Attachment: [Click to enter text.](#)
- Procedures to prevent the occurrence of nuisance conditions
Attachment: [Click to enter text.](#)

E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

☐ Yes ☐ No

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: [Click to enter text.](#)

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 54)

A. Additional authorizations

Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?

☒ Yes ☐ No

If yes, provide the TCEQ authorization number and description of the authorization:

Chapter 210 Authorization to dispose of all effluent via land application.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

Is the permittee required to meet an implementation schedule for compliance or enforcement?

☐ Yes ☒ No

If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:

Click to enter text.

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

A. RCRA hazardous wastes

Has the facility received in the past three years, does it currently receive, or will it receive RCRA hazardous waste?

☐ Yes ☒ No

B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

☐ Yes ☒ No

C. Details about wastes received

If **yes** to either Subsection A or B above, provide detailed information concerning these wastes with the application.

Attachment: [Click to enter text.](#)

Section 14. Laboratory Accreditation (Instructions Page 55)

All laboratory tests performed must meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
 - periodically inspected by the TCEQ; or
 - located in another state and is accredited or inspected by that state; or
 - performing work for another company with a unit located in the same site; or
 - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review 30 TAC Chapter 25 for specific requirements.

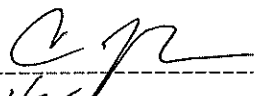
The following certification statement shall be signed and submitted with every application. See the Signature Page section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

I certify that all laboratory tests submitted with this application meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*.

Printed Name: Chris Torn

Title: Director

Signature: 

Date: 9/4/25

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 63)

Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?

☐ Yes ☒ No

If **no**, proceed to Section 2. If **yes**, provide the following:

Owner of the drinking water supply: [Click to enter text.](#)

Distance and direction to the intake: [Click to enter text.](#)

Attach a USGS map that identifies the location of the intake.

Attachment: [Click to enter text.](#)

Section 2. Discharge into Tidally Affected Waters (Instructions Page 63)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

If **no**, proceed to Section 3. If **yes**, complete the remainder of this section. If no, proceed to Section 3.

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: [Click to enter text.](#)

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from outfall(s).

[Click to enter text.](#)

C. Sea grasses

Are there any sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s).

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 63)

Is the discharge directly into (or within 300 feet of) a classified segment?

☐ Yes ☒ No

If **yes**, this Worksheet is complete.

If **no**, complete Sections 4 and 5 of this Worksheet.

Section 4. Description of Immediate Receiving Waters (Instructions Page 63)

Name of the immediate receiving waters: Commissioner's Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

Average depth of the entire water body, in feet: Click to enter text.

Average depth of water body within a 500-foot radius of discharge point, in feet: Click to enter text.

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one).

☒ Intermittent - dry for at least one week during most years

☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses

☐ Perennial - normally flowing

Check the method used to characterize the area upstream (or downstream for new dischargers).

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☒ Other, specify: Google Earth Historic Maps, Owner

C. Downstream perennial confluences

List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point.

N/A

D. Downstream characteristics

Do the receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.)?

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

Provide general observations of the water body during normal dry weather conditions.

No discharge from the facility is permitted by Special Condition 8 in the permit, so no outfall to the creek has been constructed.

Date and time of observation: 8/29/2025 1:00 pm

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

Section 5. General Characteristics of the Waterbody (Instructions Page 65)

A. Upstream influences

Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply.

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☒ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify: Click to enter text.

B. Waterbody uses

Observed or evidences of the following uses. Check all that apply.

- | | |
|--|--|
| <input type="checkbox"/> Livestock watering | <input type="checkbox"/> Contact recreation |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation |
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply |
| <input type="checkbox"/> Park activities | <input type="checkbox"/> Other(s), specify: Click to enter text. |

C. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the receiving water and the surrounding area.

- ☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional
- ☒ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored
- ☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid
- ☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

APPENDIX A: CORE DATA FORM



TCEQ Core Data Form

For detailed instructions on completing this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (If issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (If issued)
CN 605554203		RN 110465093

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		1/18/2017	
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				If new Customer, enter previous Customer below:	
RR 417, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
0802628956		32062602746			
10. DUNS Number (if applicable)					
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
12. Number of Employees		13. Independently Owned and Operated?			
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:					
8839 Farm-to-Market Road 470					
City		Bandera		State TX	
ZIP		78003		ZIP + 4	
16. Country Mailing Information (if outside USA)					
17. E-Mail Address (if applicable)					
christorn@campotx.com					

18. Telephone Number (713) 703-9746	19. Extension or Code	20. Fax Number (if applicable) () -
---	------------------------------	--

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If "New Regulated Entity" is selected, a new permit application is also required.) <input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.) RR 417 WWTP								
23. Street Address of the Regulated Entity: (No PO Boxes)	8839 FM 470							
	City	Bandera	State	TX	ZIP	78003	ZIP + 4	3929
24. County	Bandera County							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	The treatment facility is located 0.2 miles off of the south side of FM 470 approximately 2.75 miles east of the intersection of FM 470 and Thomas Creek Road. The facility is also approximately 1.1 miles southwest of the intersection of Kyle Ranch Rd and FM 470.							
26. Nearest City	Tarpley				State	TX	Nearest ZIP Code 78003	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:		29.666985			28. Longitude (W) In Decimal:		-99.231910	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
29	40	01.10	-99	13	54.88			
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
4952			22132					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.) WWTP for a recreational summer camp								
34. Mailing Address:	8839 FM 470							
	City	Bandera	State	TX	ZIP	78003	ZIP + 4	3929
35. E-Mail Address:	christorn@campotx.com							
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)					
(713) 703-9746			() -					

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

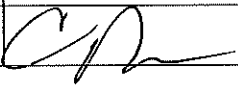
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review Air	<input type="checkbox"/> OSSF	<input type="checkbox"/> Petroleum Storage Tank	<input type="checkbox"/> PWS
<input type="checkbox"/> Sludge	<input type="checkbox"/> Storm Water	<input type="checkbox"/> Title V Air	<input type="checkbox"/> Tires	<input type="checkbox"/> Used Oil
<input type="checkbox"/> Voluntary Cleanup	<input checked="" type="checkbox"/> Wastewater	<input type="checkbox"/> Wastewater Agriculture	<input type="checkbox"/> Water Rights	<input type="checkbox"/> Other:
	WQ0015713001			

SECTION IV: Preparer Information

40. Name:	Lauren Crone	41. Title:	Sr. Director
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
{ 512 } 439-4700		() -	lcrone@lja.com

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	RR 417, LLC	Job Title:	Director
Name (In Print):	Chris Torn	Phone:	{ 713 } 703- 9746
Signature:		Date:	9/4/25

APPENDIX B: PLAIN LANGUAGE SUMMARY



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

RR 417, LLC (CN605554203) operates RR 417 Wastewater Treatment Facility (RN110465093), a 0.049 MGD wastewater plant. The facility is located at approximately 0.2 miles off of the south side of FM 470 approximately 2.75 miles east of the intersection of FM 470 and Thomas Creek Road, in Bandera, Bandera County, Texas 78003. This application is for a renewal to discharge 49,000 gallons per day of treated domestic wastewater on an intermittent and flow-variable basis.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and *Escherichia coli*. Domestic wastewater is treated by a complete mix activated sludge treatment package, and the treatment units will include a bar screen, an added flow equalization basin, aeration basin, mechanical clarifier, dosing pump chamber, chlorine contact basin, and an aerobic digester. This facility will also utilize dechlorination prior to discharge.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

RR 417, LLC (CN605554203) opera la Planta de Tratamiento de Aguas Residuales RR 417 (RN110465093), una planta de tratamiento de aguas residuales de 0.049 millones de galones por día. La instalación está ubicada en aproximadamente a 0.2 millas del lado sur de la FM 470, aproximadamente a 2.75 millas al este de la intersección de la FM 470 y Thomas Creek Road , en Bandera, Condado de Bandera, Texas 78003. Esta solicitud es para la renovación del vertido de 49,000 galones diarios de aguas residuales domésticas tratadas de forma intermitente y con caudal variable.

Se espera que los vertidos de la instalación contengan la demanda bioquímica de oxígeno carbonoso (DBO5) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal ($\text{NH}_3\text{-N}$) y Escherichia coli. Las aguas residuales domésticas se tratan mediante un sistema completo de tratamiento de lodos activados mixtos. Las unidades de tratamiento incluirán una rejilla de barras, un depósito de ecualización de caudal adicional, un depósito de aireación, un clarificador mecánico, una cámara de dosificación, un depósito de contacto con cloro y un digestor aeróbico. Esta instalación también utilizará decloración antes del vertido.

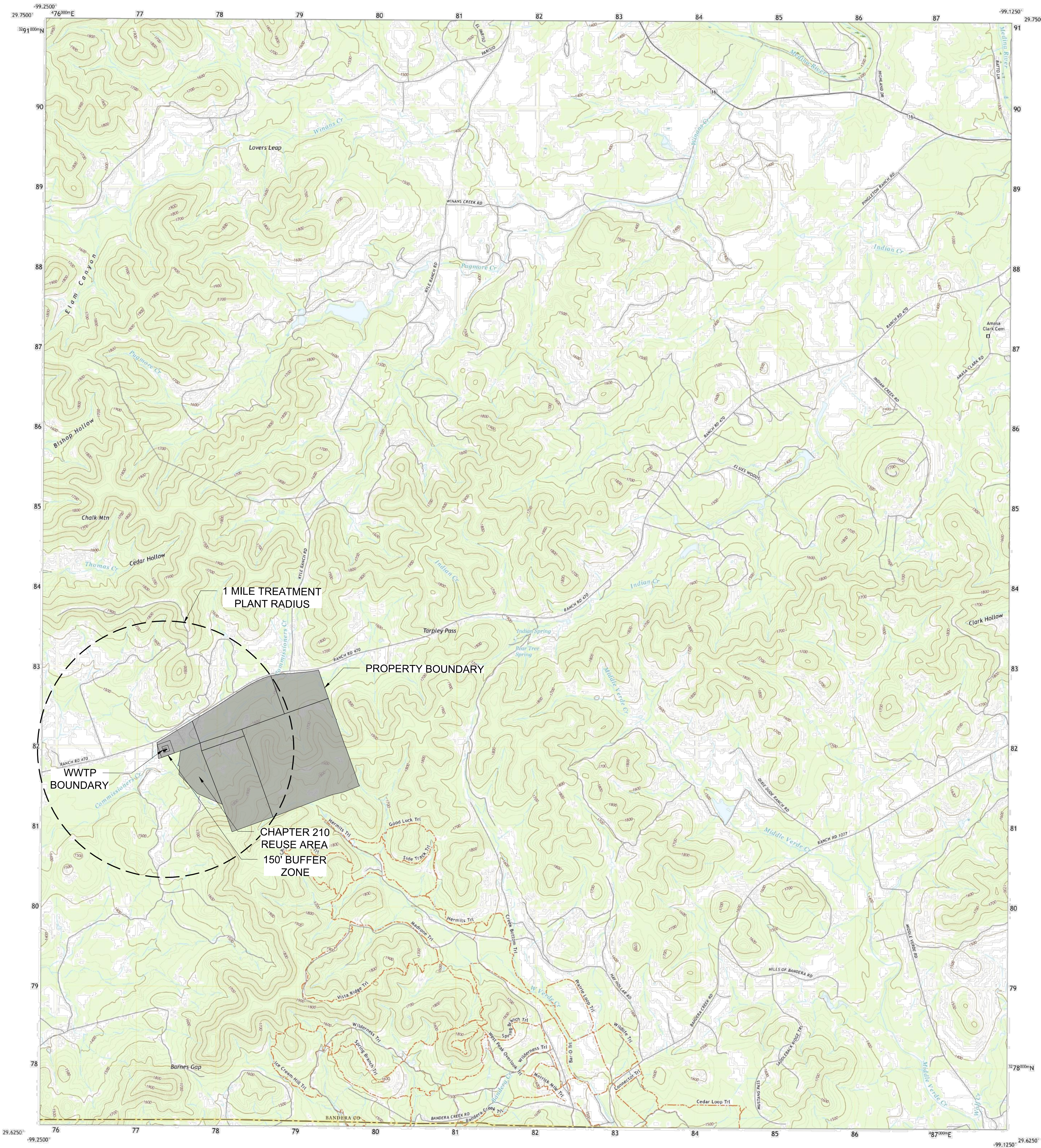
APPENDIX C: USGS MAP



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

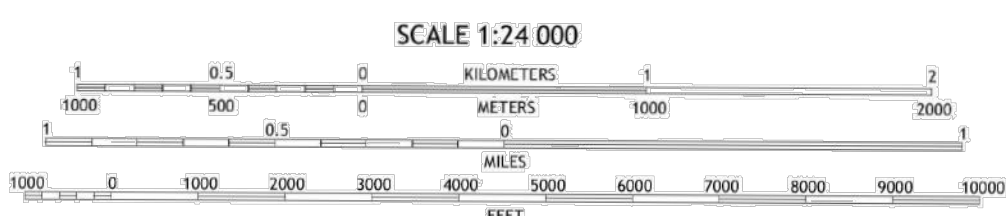
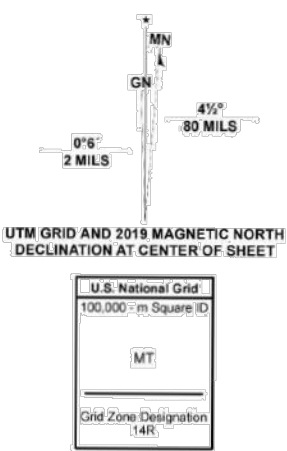


TARPLEY PASS QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1000-meter grid/Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.
Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2019
Name.....National Hydrography Dataset, 2002 - 2018
Contour.....National Elevation Dataset, 2019
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geopatial Program US Topo Product Standard.

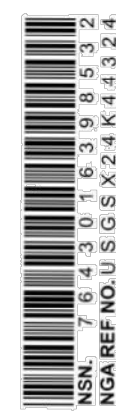


1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

ROAD CLASSIFICATION:
Expressway
Secondary Hwy
Ramp
Interstate Route
Local Connector
Local Road
4WD
US Route
State Route

TARPLEY PASS, TX
2022



APPENDIX D: ORIGINAL PHOTOGRAPHS

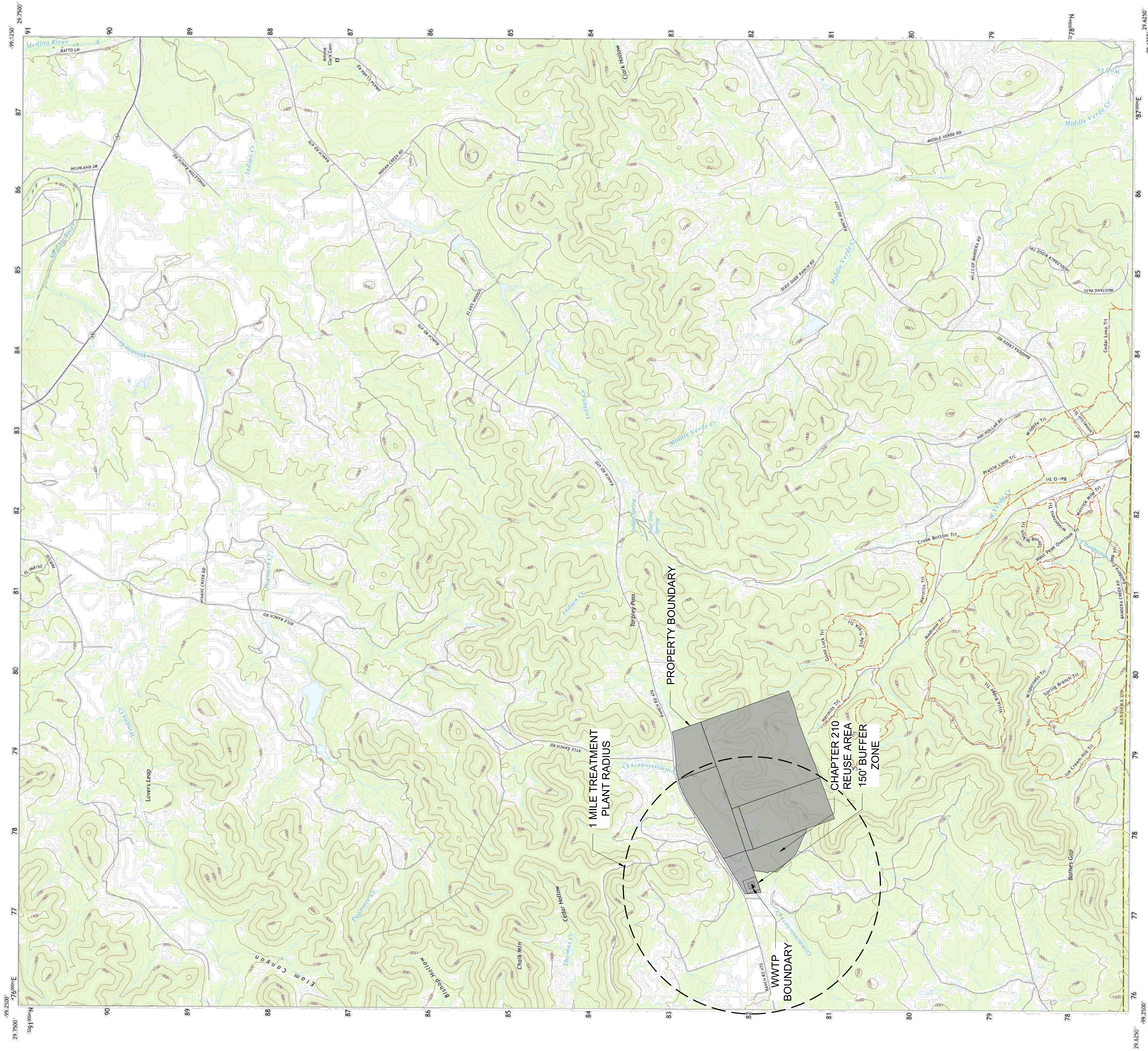
APPENDIX E: SUPPLEMENTAL PERMIT INFORMATION (SPIF) & MAP



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

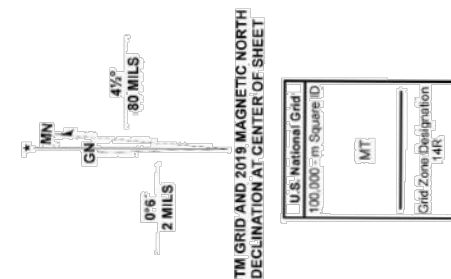


TARPLEY PASS QUADRANGLE
TEXAS
7.5-MINUTE SERIES



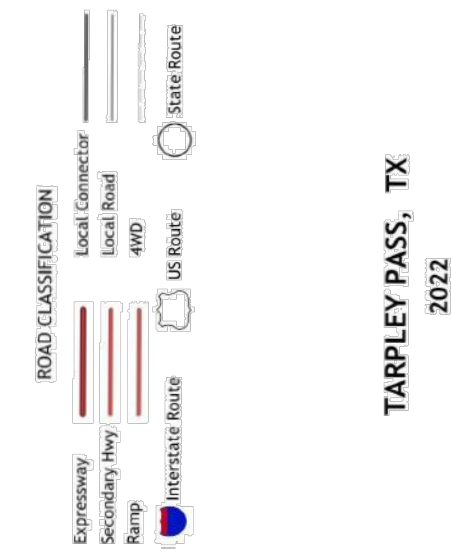
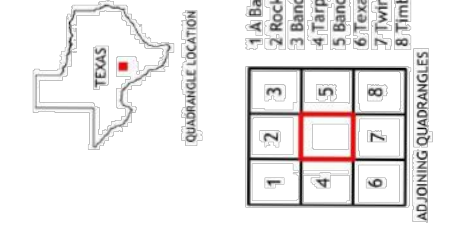
Produced by the United States Geological Survey
North American Datum of 1983 (NAD83) Single Sheet and
1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)
Generalized for this map scale. Printed from a digital file
generated from a digital file. Obtain permission before
reproducing or distributing this map.

Geography: 1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)
Name: 1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)
Scale: 1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)
Projection: 1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)
Datum: 1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)
Units: 1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)
Wetlands: 1:50,000-scale quadrangle (Universal Transverse Mercator Zone 14R)



SCALE 1:24,000
1 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9 9.5 10
1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
1 0.5 1 1.5 2 2.5 3 3.5 4 4.5 5 5.5 6 6.5 7 7.5 8 8.5 9 9.5 10
1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geographic Society's 1:50,000-scale product standards.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: RR 417, LLC

Permit No. WQ00 15713001

EPA ID No. TX 00138673

Address of the project (or a location description that includes street/highway, city/vicinity, and county):

Renewal Permit: The current WWTP is located at 8839 Farm to Market 470, in Bandera County, Texas 78003. The WWTP is located approximately 2.92 miles East of the intersection of Ranch Road 470 and Ranch Road 462. The treatment plant is built approximately 517 ft into the property.

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): Ms.

First and Last Name: Lauren Crone

Credential (P.E, P.G., Ph.D., etc.): P.E.

Title: Senior Director

Mailing Address: 7500 Rialto Blvd. Building II, Suite 100

City, State, Zip Code: Austin, TX 78735

Phone No.: 512-439-4700 Ext.:

Fax No.:

E-mail Address: lcrone@lja.com

2. List the county in which the facility is located: Bandera
3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

Renewal Permit Application: The wastewater treatment facility obtained a Chapter 210 authorization through which all treated wastewater is currently disposed of. No outfall was constructed as permit special condition 8 prohibits discharge of treated effluent.

5. Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).

Provide original photographs of any structures 50 years or older on the property.

Does your project involve any of the following? Check all that apply.

- ☒ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design

- ☒ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features
- ☐ Disturbance of vegetation or wetlands

1. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features):

757.6 acres impacted through construction of Summer camp and facility improvements. There are no additional anticipated impacts.

2. Describe existing disturbances, vegetation, and land use:

Agricultural, residential, and commercial use as a summer camp.

THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

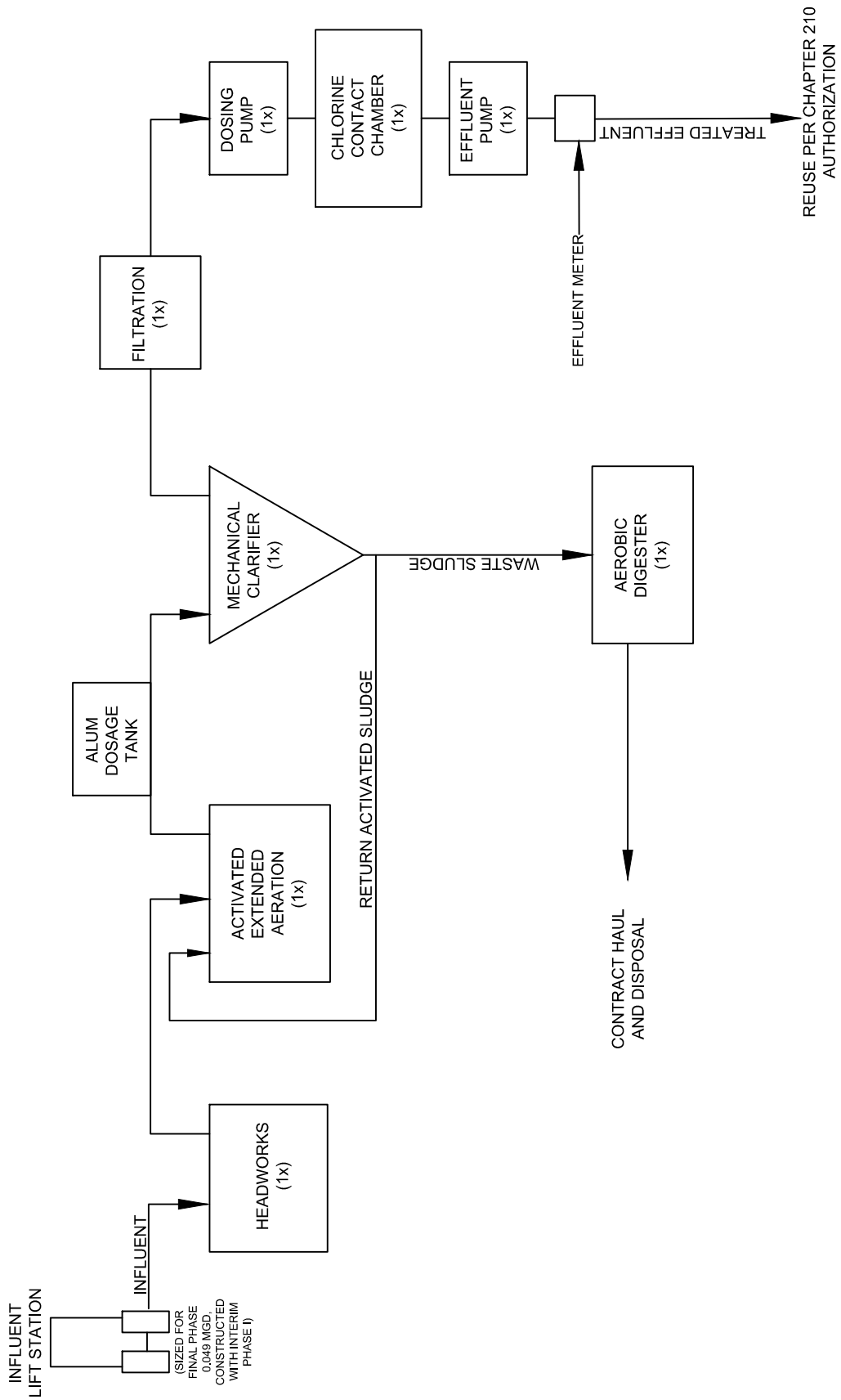
3. List construction dates of all buildings and structures on the property:

N/A

4. Provide a brief history of the property, and name of the architect/builder, if known.

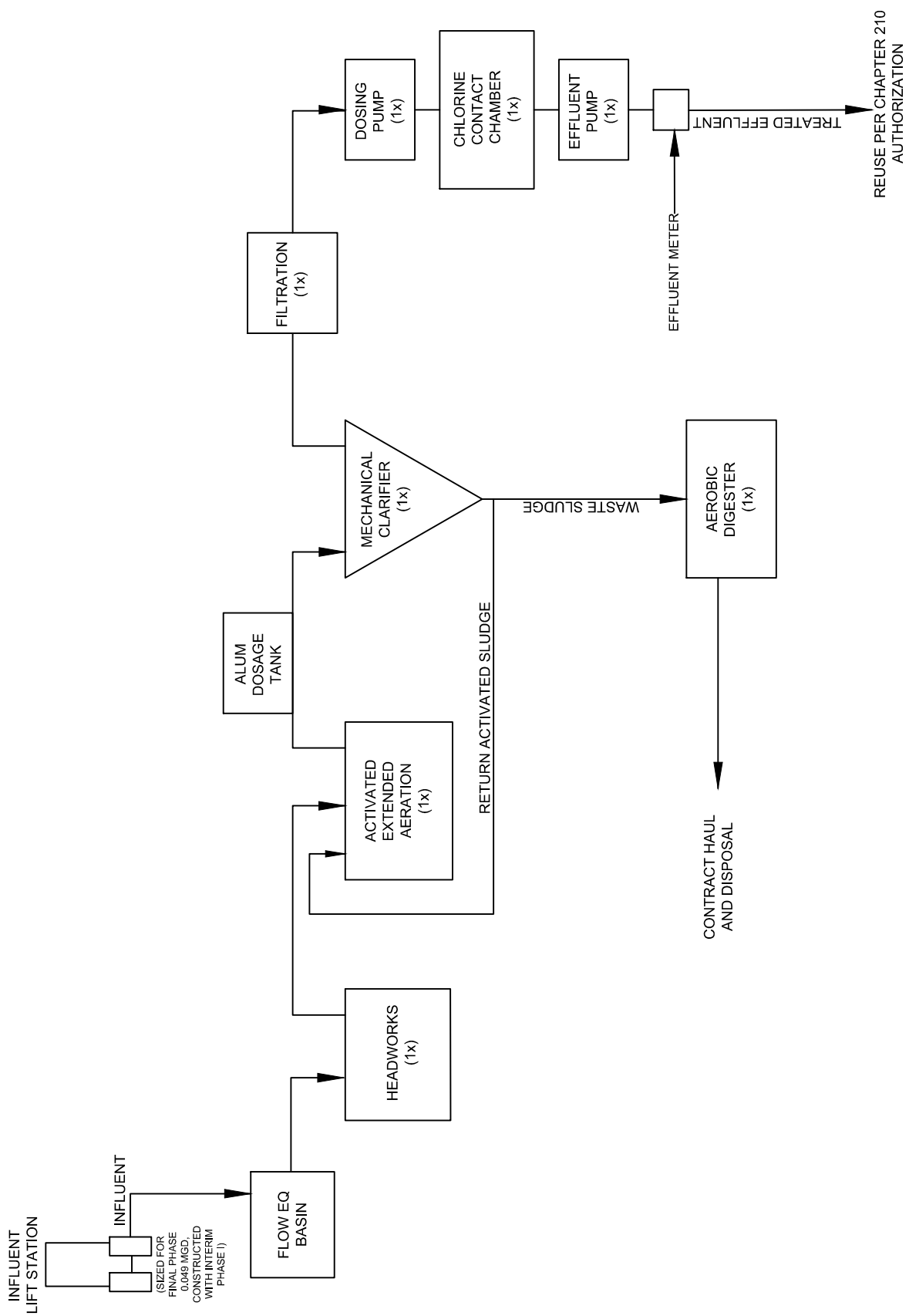
N/A

APPENDIX F: PROCESS FLOW DIAGRAM



FOR PLANNING PURPOSES ONLY

PHASE I



FOR PLANNING PURPOSES ONLY

FINAL PHASE

LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735

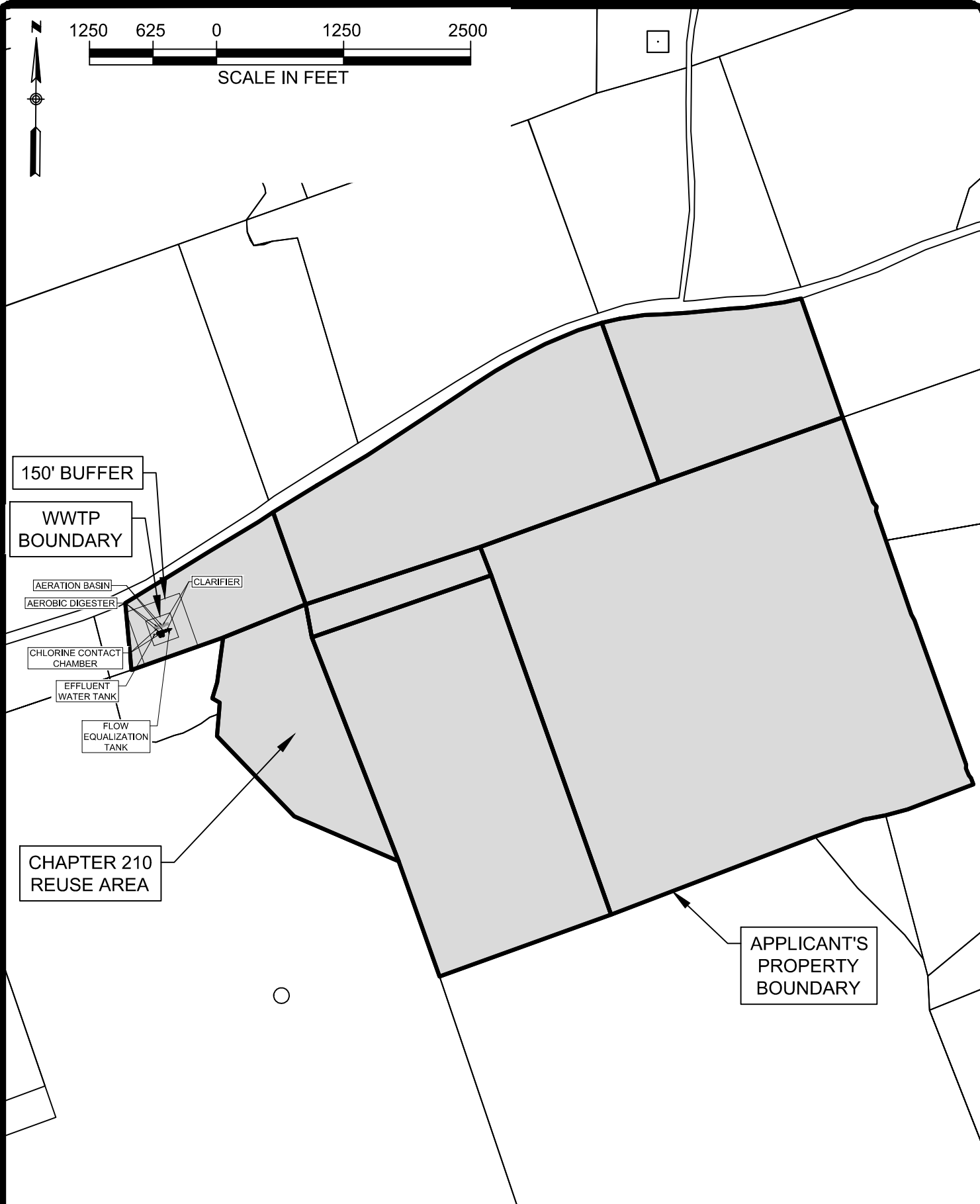
LJA
Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

RR 417 WWTP
BANDERA COUNTY, TX

PROCESS FLOW DIAGRAM

1 OF 1

APPENDIX G: SITE DRAWING



LJA Engineering, Inc.

7500 Rialto Boulevard
Building II, Suite 100
Austin, Texas 78735



Phone 512.439.4700
Fax 512.439.4716
FRN - F-1386

RR 417 WWTP
BANDERA COUNTY, TX

SITE DRAWING

1 OF 1

APPENDIX H: EXISTING PERMIT



TPDES PERMIT NO. WQ0015713001
[For TCEQ office use only - EPA I.D.
No. TX0138673]

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

PERMIT TO DISCHARGE WASTES
under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

RR 417, LLC

whose mailing address is

8839 Farm to Market 470
Bandera, Texas 78003

is authorized to treat and discharge wastes from the RR 417 Wastewater Treatment Facility, SIC Code 4952

located at 8839 Farm to Market 470, in Bandera County, Texas 78003

to Commissioners Creek, thence to Hondo Creek in Segment No. 2114 of the Nueces River Basin

only according to effluent limitations, monitoring requirements, and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this permit does not grant to the permittee the right to use private or public property for conveyance of wastewater along the discharge route described in this permit. This includes, but is not limited to, property belonging to any individual, partnership, corporation, or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, **five years from the date of issuance.**

ISSUED DATE:

February 4, 2021


For the Commission

INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 001

- During the period beginning upon the date of issuance and lasting through the completion of expansion to the 0.049 million gallons per day (MGD) facility, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.025 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 69 gallons per minute (gpm).

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Min. Self-Monitoring Requirements</u>	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (2.1)	15	25	35	One/week	Grab
Total Suspended Solids	15 (3.1)	25	40	60	One/week	Grab
Ammonia Nitrogen	3 (0.62)	6	10	15	One/week	Grab
Total Phosphorus ^{1,2}	0.5 (0.10)	1	2	3	One/week	Grab
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A	399	One/quarter	Grab

¹Only when discharging.

²See Other Requirement No. 8 on page 35.

- The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow) and shall be monitored five times per week by grab sample. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
- The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
- There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
- Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
- The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 001

- During the period beginning upon the completion of expansion to the 0.049 million gallons per day (MGD) facility and lasting through the date of expiration, the permittee is authorized to discharge subject to the following effluent limitations:

The daily average flow of effluent shall not exceed 0.049 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 136 gallons per minute (gpm).

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>				<u>Min. Self-Monitoring Requirements</u>	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Max. Single Grab Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (4.1)	15	25	35	One/week	Grab
Total Suspended Solids	15 (6.1)	25	40	60	One/week	Grab
Ammonia Nitrogen	3 (1.2)	6	10	15	One/week	Grab
Total Phosphorus ^{1,2}	0.5 (0.2)	1	2	3	One/week	Grab
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A	399	One/quarter	Grab

¹Only when discharging.

²See Other Requirement No. 8 on page 35.

- The effluent shall contain a chlorine residual of at least 1.0 mg/l and shall not exceed a chlorine residual of 4.0 mg/l after a detention time of at least 20 minutes (based on peak flow) and shall be monitored five times per week by grab sample at each chlorine contact chamber. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
- The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored once per month by grab sample.
- There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
- Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
- The effluent shall contain a minimum dissolved oxygen of 4.0 mg/l and shall be monitored once per week by grab sample.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

As required by Title 30 Texas Administrative Code (TAC) Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC § 305.121 - 305.129 (relating to Permit Characteristics and Conditions) as promulgated under the Texas Water Code (TWC) §§ 5.103 and 5.105, and the Texas Health and Safety Code (THSC) §§ 361.017 and 361.024(a), establish the characteristics and standards for waste discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit. All definitions in TWC § 26.001 and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

- a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with one million gallons per day or greater permitted flow.
- b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.
- d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.
- e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.
- f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.

- ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.
- d. Daily discharge - the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day.

The daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily discharge determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that day.

- e. Bacteria concentration (*E. coli* or Enterococci) - Colony Forming Units (CFU) or Most Probable Number (MPN) of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the n th root of the product of all measurements made in a calendar month, where n equals the number of measurements made; or, computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substituted value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.
 - f. Daily average loading (lbs/day) - the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as $(\text{Flow, MGD} \times \text{Concentration, mg/l} \times 8.34)$.
 - g. Daily maximum loading (lbs/day) - the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.
3. Sample Type
- a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).

- b. Grab sample - an individual sample collected in less than 15 minutes.
- 4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
- 5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.
- 6. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

Monitoring results shall be provided at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling and reporting in accordance with 30 TAC §§ 319.4 - 319.12. Unless otherwise specified, effluent monitoring data shall be submitted each month, to the Compliance Monitoring Team of the Enforcement Division (MC 224), by the 20th day of the following month for each discharge which is described by this permit whether or not a discharge is made for that month. Monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Monitoring results must be signed and certified as required by Monitoring and Reporting Requirements No. 10.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act (CWA); TWC §§ 26, 27, and 28; and THSC § 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record, or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

- a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests, and calculations shall be accurately accomplished in a representative manner.
- b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC § 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.
- b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period

of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR § 264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.

- c. Records of monitoring activities shall include the following:
- i. date, time and place of sample or measurement;
 - ii. identity of individual who collected the sample or made the measurement.
 - iii. date and time of analysis;
 - iv. identity of the individual and laboratory who performed the analysis;
 - v. the technique or method of analysis; and
 - vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in the calculation and reporting of the values submitted on the approved self-report form. Increased frequency of sampling shall be indicated on the self-report form.

5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site and/or shall be readily available for review by a TCEQ representative for a period of three years.

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224).

7. Noncompliance Notification

- a. In accordance with 30 TAC § 305.125(9) any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective December 21, 2023, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.
 - b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:
 - i. Unauthorized discharges as defined in Permit Condition 2(g).
 - ii. Any unanticipated bypass that exceeds any effluent limitation in the permit.
 - iii. Violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.
 - c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
 - d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Compliance Monitoring Team of the Enforcement Division (MC 224) as promptly as possible. For effluent limitation violations, noncompliances shall be reported on the approved self-report form.
8. In accordance with the procedures described in 30 TAC §§ 35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.
9. Changes in Discharges of Toxic Substances

All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the Regional Office, orally or by facsimile transmission within 24 hours, and both the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D,

Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following “notification levels”:

- i. One hundred micrograms per liter (100 µg/L);
 - ii. Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.
- b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following “notification levels”:
- i. Five hundred micrograms per liter (500 µg/L);
 - ii. One milligram per liter (1 mg/L) for antimony;
 - iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.

10. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

11. All POTWs must provide adequate notice to the Executive Director of the following:

- a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to CWA § 301 or § 306 if it were directly discharging those pollutants;
- b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit; and
- c. For the purpose of this paragraph, adequate notice shall include information on:
 - i. The quality and quantity of effluent introduced into the POTW; and
 - ii. Any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

- a. When the permittee becomes aware that it failed to submit any relevant facts in a permit

application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.

- b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:
 - i. Violation of any terms or conditions of this permit;
 - ii. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - iii. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

- a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
- b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.
- c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation that has a reasonable likelihood of adversely affecting human health or the environment.
- e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.
- f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§ 305.62 and 305.66 and TWCS 7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- g. There shall be no unauthorized discharge of wastewater or any other waste. For the

purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Other Requirements section of this permit.

- h. In accordance with 30 TAC § 305.535(a), the permittee may allow any bypass to occur from a TPDES permitted facility which does not cause permitted effluent limitations to be exceeded or an unauthorized discharge to occur, but only if the bypass is also for essential maintenance to assure efficient operation.
- i. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under TWC §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§ 301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under the CWA § 402, or any requirement imposed in a pretreatment program approved under the CWA §§ 402 (a)(3) or 402 (b)(8).

3. Inspections and Entry

- a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC § 361.
- b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in TWC § 7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment and/or Renewal

- a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:
 - i. The alteration or addition to a permitted facility may meet one of the criteria for

determining whether a facility is a new source in accordance with 30 TAC § 305.534 (relating to New Sources and New Dischargers); or

- ii. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9; or
 - iii. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.
 - c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.
 - d. Prior to accepting or generating wastes which are not described in the permit application or which would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.
 - e. In accordance with the TWC § 26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.
 - f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA § 307(a) for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA § 307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

- a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of

facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.

- b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal that requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Relationship to Water Rights

Disposal of treated effluent by any means other than discharge directly to water in the state must be specifically authorized in this permit and may require a permit pursuant to TWC Chapter 11.

8. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

9. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

10. Relationship to Permit Application

The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

11. Notice of Bankruptcy

- a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:
 - i. the permittee;
 - ii. an entity (as that term is defined in 11 USC, § 101(14)) controlling the permittee or listing the permit or permittee as property of the estate; or
 - iii. an affiliate (as that term is defined in 11 USC, § 101(2)) of the permittee.
- b. This notification must indicate:
 - i. the name of the permittee and the permit number(s);
 - ii. the bankruptcy court in which the petition for bankruptcy was filed; and

- iv. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.
2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge use and disposal and 30 TAC §§ 319.21 - 319.29 concerning the discharge of certain hazardous metals.
3. Domestic wastewater treatment facilities shall comply with the following provisions:
 - a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.
 - b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment and/or other treatment unit regulated by this permit.
4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, and/or retention of inadequately treated wastewater.
5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.
6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under TWC § 7.302(b)(6).
7. Documentation

For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for

information required for TPDES permit applications, effluent data, including effluent data in permits, draft permits and permit applications, and other information specified as not confidential in 30 TAC §§ 1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words confidential business information on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

8. Facilities that generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.
 - a. Whenever flow measurements for any domestic sewage treatment facility reach 75% of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion and/or upgrading of the domestic wastewater treatment and/or collection facilities. Whenever the flow reaches 90% of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment and/or collection facilities. In the case of a domestic wastewater treatment facility which reaches 75% of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

If in the judgment of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

- b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been secured.
 - c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment, and disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be

made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.

9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.
10. For Publicly Owned Treatment Works (POTWs), the 30-day average (or monthly average) percent removal for BOD and TSS shall not be less than 85%, unless otherwise authorized by this permit.
11. Facilities that generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with these provisions:
 - a. Any solid waste, as defined in 30 TAC § 335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.
 - b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.
 - c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC § 335.8(b)(1), to the Corrective Action Section (MC 221) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.
 - d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC § 335.5.
 - e. The term “industrial solid waste management unit” means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.
 - f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC § 335 and must include the following, as it pertains to wastewater treatment and discharge:

- i. Volume of waste and date(s) generated from treatment process;
- ii. Volume of waste disposed of on-site or shipped off-site;
- iii. Date(s) of disposal;
- iv. Identity of hauler or transporter;
- v. Location of disposal site; and
- vi. Method of final disposal.

The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

- 12. For industrial facilities to which the requirements of 30 TAC § 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with THSC § 361.

TCEQ Revision 08/2008

SLUDGE PROVISIONS

The permittee is authorized to dispose of sludge only at a Texas Commission on Environmental Quality (TCEQ) authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge. **The disposal of sludge by land application on property owned, leased or under the direct control of the permittee is a violation of the permit unless the site is authorized with the TCEQ. This provision does not authorize Distribution and Marketing of Class A or Class AB Sewage Sludge. This provision does not authorize the permittee to land apply sludge on property owned, leased or under the direct control of the permittee.**

SECTION I. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE LAND APPLICATION

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge in accordance with 30 TAC § 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.
2. In all cases, if the person (permit holder) who prepares the sewage sludge supplies the sewage sludge to another person for land application use or to the owner or lease holder of the land, the permit holder shall provide necessary information to the parties who receive the sludge to assure compliance with these regulations.
3. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge disposal practice.

B. Testing Requirements

1. Sewage sludge shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I [Toxicity Characteristic Leaching Procedure (TCLP)] or other method that receives the prior approval of the TCEQ for the contaminants listed in 40 CFR Part 261.24, Table 1. Sewage sludge failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal. Following failure of any TCLP test, the management or disposal of sewage sludge at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 13) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 13) and the Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

2. Sewage sludge shall not be applied to the land if the concentration of the pollutants exceeds the pollutant concentration criteria in Table 1. The frequency of testing for pollutants in Table 1 is found in Section I.C. of this permit.

TABLE 1

<u>Pollutant</u>	<u>Ceiling Concentration</u> <u>(Milligrams per kilogram)*</u>
Arsenic	75
Cadmium	85
Chromium	3000
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
PCBs	49
Selenium	100
Zinc	7500

* Dry weight basis

3. Pathogen Control

All sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site must be treated by one of the following methods to ensure that the sludge meets either the Class A, Class AB or Class B pathogen requirements.

- a. For sewage sludge to be classified as Class A with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 most probable number (MPN) per gram of total solids (dry weight basis), or the density of Salmonella sp. bacteria in the sewage sludge must be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 1 - The temperature of the sewage sludge that is used or disposed shall be maintained at or above a specific value for a period of time. See 30 TAC § 312.82(a)(2)(A) for specific information;

Alternative 5 (PFRP) - Sewage sludge that is used or disposed of must be treated in one of the Processes to Further Reduce Pathogens (PFRP) described in 40 CFR Part 503, Appendix B. PFRP include composting, heat drying, heat treatment, and thermophilic aerobic digestion; or

Alternative 6 (PFRP Equivalent) - Sewage sludge that is used or disposed of must be treated in a process that has been approved by the U. S. Environmental Protection Agency as being equivalent to those in Alternative 5.

- b. For sewage sludge to be classified as Class AB with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 MPN per gram of total solids (dry weight basis), or the density of *Salmonella* sp. bacteria in the sewage sludge be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 2 - The pH of the sewage sludge that is used or disposed shall be raised to above 12 std. units and shall remain above 12 std. units for 72 hours.

The temperature of the sewage sludge shall be above 52° Celsius for 12 hours or longer during the period that the pH of the sewage sludge is above 12 std. units.

At the end of the 72-hour period during which the pH of the sewage sludge is above 12 std. units, the sewage sludge shall be air dried to achieve a percent solids in the sewage sludge greater than 50%; or

Alternative 3 - The sewage sludge shall be analyzed for enteric viruses prior to pathogen treatment. The limit for enteric viruses is less than one Plaque-forming Unit per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(i-iii) for specific information. The sewage sludge shall be analyzed for viable helminth ova prior to pathogen treatment. The limit for viable helminth ova is less than one per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(iv-vi) for specific information; or

Alternative 4 - The density of enteric viruses in the sewage sludge shall be less than one Plaque-forming Unit per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. The density of viable helminth ova in the sewage sludge shall be less than one per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed.

- c. Sewage sludge that meets the requirements of Class AB sewage sludge may be classified a Class A sewage sludge if a variance request is submitted in writing that is supported by substantial documentation demonstrating equivalent methods for reducing odors and written approval is granted by the executive director. The executive director may deny the variance request or revoke that approved variance if it is determined that the variance may potentially endanger human health or the environment, or create nuisance odor conditions.
- d. Three alternatives are available to demonstrate compliance with Class B criteria for

sewage sludge.

Alternative 1

- i. A minimum of seven random samples of the sewage sludge shall be collected within 48 hours of the time the sewage sludge is used or disposed of during each monitoring episode for the sewage sludge.
- ii. The geometric mean of the density of fecal coliform in the samples collected shall be less than either 2,000,000 MPN per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

Alternative 2 - Sewage sludge that is used or disposed of shall be treated in one of the Processes to Significantly Reduce Pathogens (PSRP) described in 40 CFR Part 503, Appendix B, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;
- ii. An independent Texas Licensed Professional Engineer must make a certification to the generator of a sewage sludge that the wastewater treatment facility generating the sewage sludge is designed to achieve one of the PSRP at the permitted design loading of the facility. The certification need only be repeated if the design loading of the facility is increased. The certification shall include a statement indicating the design meets all the applicable standards specified in Appendix B of 40 CFR Part 503;
- iii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iv. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review; and
- v. If the sewage sludge is generated from a mixture of sources, resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the PSRP, and shall meet the certification, operation, and record keeping requirements of this paragraph.

Alternative 3 - Sewage sludge shall be treated in an equivalent process that has been approved by the U.S. Environmental Protection Agency, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a

single location, except as provided in paragraph v. below;

- ii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iii. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review;
- iv. The Executive Director will accept from the U.S. Environmental Protection Agency a finding of equivalency to the defined PSRP; and
- v. If the sewage sludge is generated from a mixture of sources resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the Processes to Significantly Reduce Pathogens, and shall meet the certification, operation, and record keeping requirements of this paragraph.

In addition to the Alternatives 1 – 3, the following site restrictions must be met if Class B sludge is land applied:

- i. Food crops with harvested parts that touch the sewage sludge/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of sewage sludge.
- ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of sewage sludge when the sewage sludge remains on the land surface for 4 months or longer prior to incorporation into the soil.
- iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of sewage sludge when the sewage sludge remains on the land surface for less than 4 months prior to incorporation into the soil.
- iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of sewage sludge.
- v. Animals shall not be allowed to graze on the land for 30 days after application of sewage sludge.
- vi. Turf grown on land where sewage sludge is applied shall not be harvested for 1 year after application of the sewage sludge when the harvested turf is placed on either land with a high potential for public exposure or a lawn.

- vii. Public access to land with a high potential for public exposure shall be restricted for 1 year after application of sewage sludge.
 - viii. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of sewage sludge.
 - ix. Land application of sludge shall be in accordance with the buffer zone requirements found in 30 TAC § 312.44.
4. Vector Attraction Reduction Requirements

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site shall be treated by one of the following Alternatives 1 through 10 for vector attraction reduction.

- Alternative 1 - The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38%.
- Alternative 2 - If Alternative 1 cannot be met for an anaerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge anaerobically in the laboratory in a bench-scale unit for 40 additional days at a temperature between 30° and 37° Celsius. Volatile solids must be reduced by less than 17% to demonstrate compliance.
- Alternative 3 - If Alternative 1 cannot be met for an aerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge with percent solids of two percent or less aerobically in the laboratory in a bench-scale unit for 30 additional days at 20° Celsius. Volatile solids must be reduced by less than 15% to demonstrate compliance.
- Alternative 4 - The specific oxygen uptake rate (SOUR) for sewage sludge treated in an aerobic process shall be equal to or less than 1.5 milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20° Celsius.
- Alternative 5 - Sewage sludge shall be treated in an aerobic process for 14 days or longer. During that time, the temperature of the sewage sludge shall be higher than 40° Celsius and the average temperature of the sewage sludge shall be higher than 45° Celsius.
- Alternative 6 - The pH of sewage sludge shall be raised to 12 or higher by alkali addition and, without the addition of more alkali shall remain at 12 or higher for two hours and then remain at a pH of 11.5 or higher for an additional 22 hours at the time the sewage sludge is prepared for sale or given away in a bag or other container.
- Alternative 7 - The percent solids of sewage sludge that does not contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 75% based on the moisture content and total solids prior to mixing with other materials. Unstabilized solids are

defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 8 - The percent solids of sewage sludge that contains unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 90% based on the moisture content and total solids prior to mixing with other materials at the time the sludge is used. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 9 -

- i. Sewage sludge shall be injected below the surface of the land.
- ii. No significant amount of the sewage sludge shall be present on the land surface within one hour after the sewage sludge is injected.
- iii. When sewage sludge that is injected below the surface of the land is Class A or Class AB with respect to pathogens, the sewage sludge shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

Alternative 10 -

- i. Sewage sludge applied to the land surface or placed on a surface disposal site shall be incorporated into the soil within six hours after application to or placement on the land.
- ii. When sewage sludge that is incorporated into the soil is Class A or Class AB with respect to pathogens, the sewage sludge shall be applied to or placed on the land within eight hours after being discharged from the pathogen treatment process.

C. Monitoring Requirements

Toxicity Characteristic Leaching Procedure (TCLP) Test	- once during the term of this permit
PCBs	- once during the term of this permit

All metal constituents and fecal coliform or *Salmonella* sp. bacteria shall be monitored at the appropriate frequency shown below, pursuant to 30 TAC § 312.46(a)(1):

<u>Amount of sewage sludge (*) metric tons per 365-day period</u>	<u>Monitoring Frequency</u>
0 to less than 290	Once/Year
290 to less than 1,500	Once/Quarter
1,500 to less than 15,000	Once/Two Months
15,000 or greater	Once/Month

(*) *The amount of bulk sewage sludge applied to the land (dry wt. basis).*

Representative samples of sewage sludge shall be collected and analyzed in accordance with the methods referenced in 30 TAC § 312.7

Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.

SECTION II. REQUIREMENTS SPECIFIC TO BULK SEWAGE SLUDGE FOR APPLICATION TO THE LAND MEETING CLASS A, CLASS AB or B PATHOGEN REDUCTION AND THE CUMULATIVE LOADING RATES IN TABLE 2, OR CLASS B PATHOGEN REDUCTION AND THE POLLUTANT CONCENTRATIONS IN TABLE 3

For those permittees meeting Class A, Class AB or B pathogen reduction requirements and that meet the cumulative loading rates in Table 2 below, or the Class B pathogen reduction requirements and contain concentrations of pollutants below listed in Table 3, the following conditions apply:

A. Pollutant Limits

Table 2

<u>Pollutant</u>	Cumulative Pollutant Loading Rate (pounds per acre)*
Arsenic	36
Cadmium	35
Chromium	2677
Copper	1339
Lead	268
Mercury	15
Molybdenum	Report Only
Nickel	375
Selenium	89
Zinc	2500

Table 3

<u>Pollutant</u>	Monthly Average Concentration (milligrams per kilogram)*
Arsenic	41
Cadmium	39
Chromium	1200
Copper	1500
Lead	300
Mercury	17
Molybdenum	Report Only
Nickel	420
Selenium	36
Zinc	2800

*Dry weight basis

B. Pathogen Control

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, a reclamation site, shall be treated by either Class A, Class AB or Class B pathogen reduction requirements as defined above in Section I.B.3.

C. Management Practices

1. Bulk sewage sludge shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk sewage sludge enters a wetland or other waters in the State.
2. Bulk sewage sludge not meeting Class A requirements shall be land applied in a manner which complies with Applicability in accordance with 30 TAC §312.41 and the Management Requirements in accordance with 30 TAC § 312.44.
3. Bulk sewage sludge shall be applied at or below the agronomic rate of the cover crop.
4. An information sheet shall be provided to the person who receives bulk sewage sludge sold or given away. The information sheet shall contain the following information:
 - a. The name and address of the person who prepared the sewage sludge that is sold or given away in a bag or other container for application to the land.
 - b. A statement that application of the sewage sludge to the land is prohibited except in accordance with the instruction on the label or information sheet.
 - c. The annual whole sludge application rate for the sewage sludge application rate for the sewage sludge that does not cause any of the cumulative pollutant loading rates in Table 2 above to be exceeded, unless the pollutant concentrations in Table 3 found in Section II above are met.

D. Notification Requirements

1. If bulk sewage sludge is applied to land in a State other than Texas, written notice shall be provided prior to the initial land application to the permitting authority for the State in which the bulk sewage sludge is proposed to be applied. The notice shall include:
 - a. The location, by street address, and specific latitude and longitude, of each land application site.
 - b. The approximate time period bulk sewage sludge will be applied to the site.
 - c. The name, address, telephone number, and National Pollutant Discharge Elimination System permit number (if appropriate) for the person who will apply the bulk sewage sludge.
2. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge disposal practice.

E. Record keeping Requirements

The sludge documents will be retained at the facility site and/or shall be readily available for review by a TCEQ representative. The person who prepares bulk sewage sludge or a sewage sludge material shall develop the following information and shall retain the information at

the facility site and/or shall be readily available for review by a TCEQ representative for a period of five years. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply.

1. The concentration (mg/kg) in the sludge of each pollutant listed in Table 3 above and the applicable pollutant concentration criteria (mg/kg), or the applicable cumulative pollutant loading rate and the applicable cumulative pollutant loading rate limit (lbs/ac) listed in Table 2 above.
2. A description of how the pathogen reduction requirements are met (including site restrictions for Class AB and Class B sludge, if applicable).
3. A description of how the vector attraction reduction requirements are met.
4. A description of how the management practices listed above in Section II.C are being met.
5. The following certification statement:

“I certify, under penalty of law, that the applicable pathogen requirements in 30 TAC § 312.82(a) or (b) and the vector attraction reduction requirements in 30 TAC § 312.83(b) have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including fine and imprisonment.”
6. The recommended agronomic loading rate from the references listed in Section II.C.3. above, as well as the actual agronomic loading rate shall be retained. The person who applies bulk sewage sludge or a sewage sludge material shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative indefinitely. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply:
 - a. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii), as applicable, and to the permittee’s specific sludge treatment activities.
 - b. The location, by street address, and specific latitude and longitude, of each site on which sludge is applied.
 - c. The number of acres in each site on which bulk sludge is applied.
 - d. The date and time sludge is applied to each site.

- e. The cumulative amount of each pollutant in pounds/acre listed in Table 2 applied to each site.
- f. The total amount of sludge applied to each site in dry tons.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

F. Reporting Requirements

The permittee shall report annually to the TCEQ Regional Office (MC Region 13) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year the following information. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.
3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.
4. The frequency of monitoring listed in Section I.C. that applies to the permittee.
5. Toxicity Characteristic Leaching Procedure (TCLP) results.
6. PCB concentration in sludge in mg/kg.
7. Identity of hauler(s) and TCEQ transporter number.
8. Date(s) of transport.
9. Texas Commission on Environmental Quality registration number, if applicable.
10. Amount of sludge disposal dry weight (lbs/acre) at each disposal site.
11. The concentration (mg/kg) in the sludge of each pollutant listed in Table 1 (defined as a monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 above, or the applicable pollutant loading rate limit (lbs/acre) listed in Table 2 above if it exceeds 90% of the limit.
12. Level of pathogen reduction achieved (Class A, Class AB or Class B).
13. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B sludge, include information on how site restrictions were met.

14. Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.
15. Vector attraction reduction alternative used as listed in Section I.B.4.
16. Amount of sludge transported in dry tons/year.
17. The certification statement listed in either 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii) as applicable to the permittee's sludge treatment activities, shall be attached to the annual reporting form.
18. When the amount of any pollutant applied to the land exceeds 90% of the cumulative pollutant loading rate for that pollutant, as described in Table 2, the permittee shall report the following information as an attachment to the annual reporting form.
 - a. The location, by street address, and specific latitude and longitude.
 - b. The number of acres in each site on which bulk sewage sludge is applied.
 - c. The date and time bulk sewage sludge is applied to each site.
 - d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk sewage sludge applied to each site.
 - e. The amount of sewage sludge (i.e., dry tons) applied to each site.

The above records shall be maintained on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

**SECTION III. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE
DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL**

- A. The permittee shall handle and dispose of sewage sludge in accordance with 30 TAC § 330 and all other applicable state and federal regulations to protect public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present. The permittee shall ensure that the sewage sludge meets the requirements in 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
- B. If the permittee generates sewage sludge and supplies that sewage sludge to the owner or operator of a municipal solid waste landfill (MSWLF) for disposal, the permittee shall provide to the owner or operator of the MSWLF appropriate information needed to be in compliance with the provisions of this permit.
- C. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge disposal practice.
- D. Sewage sludge shall be tested once during the term of this permit in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (Toxicity Characteristic Leaching Procedure) or other method, which receives the prior approval of the TCEQ for contaminants listed in Table 1 of 40 CFR § 261.24. Sewage sludge failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal.

Following failure of any TCLP test, the management or disposal of sewage sludge at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 13) of the appropriate TCEQ field office within 7 days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P. O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 13) and the Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30 of each year.

- E. Sewage sludge shall be tested as needed, in accordance with the requirements of 30 TAC Chapter 330.
- F. Record keeping Requirements

The permittee shall develop the following information and shall retain the information for five years.

1. The description (including procedures followed and the results) of all liquid Paint Filter Tests performed.
2. The description (including procedures followed and results) of all TCLP tests performed.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

G. Reporting Requirements

The permittee shall report annually to the TCEQ Regional Office (MC Region 13) and Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year the following information. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Toxicity Characteristic Leaching Procedure (TCLP) results.
3. Annual sludge production in dry tons/year.
4. Amount of sludge disposed in a municipal solid waste landfill in dry tons/year.
5. Amount of sludge transported interstate in dry tons/year.
6. A certification that the sewage sludge meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
7. Identity of hauler(s) and transporter registration number.
8. Owner of disposal site(s).
9. Location of disposal site(s).
10. Date(s) of disposal.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION IV. REQUIREMENTS APPLYING TO SLUDGE TRANSPORTED TO ANOTHER FACILITY FOR FURTHER PROCESSING

These provisions apply to sludge that is transported to another wastewater treatment facility or facility that further processes sludge. These provisions are intended to allow transport of sludge to facilities that have been authorized to accept sludge. These provisions do not limit the ability of the receiving facility to determine whether to accept the sludge, nor do they limit the ability of the receiving facility to request additional testing or documentation.

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge in accordance with 30 TAC Chapter 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.
2. Sludge may only be transported using a registered transporter or using an approved pipeline.

B. Record Keeping Requirements

1. For sludge transported by an approved pipeline, the permittee must maintain records of the following:
 - a. the amount of sludge transported;
 - b. the date of transport;
 - c. the name and TCEQ permit number of the receiving facility or facilities;
 - d. the location of the receiving facility or facilities;
 - e. the name and TCEQ permit number of the facility that generated the waste; and
 - f. copy of the written agreement between the permittee and the receiving facility to accept sludge.
2. For sludge transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge transported.
3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

C. Reporting Requirements

The permittee shall report the following information annually to the TCEQ Regional Office (MC Region 13) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. the annual sludge production;
3. the amount of sludge transported;
4. the owner of each receiving facility;
5. the location of each receiving facility; and
6. the date(s) of disposal at each receiving facility.

TCEQ Revision 01/2016

OTHER REQUIREMENTS

1. Reporting requirements according to 30 TAC §§ 319.1-319.11 and any additional effluent reporting requirements contained in this permit are suspended from the effective date of the permit until plant startup or discharge from the facility described by this permit, whichever occurs first. The permittee shall provide written notice to the TCEQ Regional Office (MC Region 13) and the Applications Review and Processing Team (MC 148) of the Water Quality Division at least forty-five days prior to plant startup or anticipated discharge, whichever occurs first and prior to completion of each additional phase on Notification of Completion Form 20007.
2. Prior to construction of the Interim and Final phase treatment facilities, the permittee shall submit to the TCEQ Wastewater Permitting Section (MC 148) a summary transmittal letter in accordance with the requirements in 30 TAC § 217.6(d). If requested by the Wastewater Permitting Section, the permittee shall submit plans and specifications and a final engineering design report which comply with 30 TAC Chapter 217, Design Criteria for Domestic Wastewater Systems. The permittee shall clearly show how the treatment system will meet the permitted effluent limitations required on Pages 2 and 2a of this permit. A copy of the summary transmittal letter shall be available at the plant site for inspection by authorized representatives of the TCEQ.
3. The permittee shall employ or contract with one or more licensed wastewater treatment facility operators or wastewater system operations companies holding a valid license or registration according to the requirements of 30 TAC Chapter 30, Occupational Licenses and Registrations, and in particular 30 TAC Chapter 30, Subchapter J, Wastewater Operators and Operations Companies.

This Category C facility must be operated by a chief operator or an operator holding a Category C license or higher. The facility must be operated a minimum of five days per week by the licensed chief operator or an operator holding the required level of license or higher. The licensed chief operator or operator holding the required level of license or higher must be available by telephone or pager seven days per week. Where shift operation of the wastewater treatment facility is necessary, each shift that does not have the on-site supervision of the licensed chief operator must be supervised by an operator in charge who is licensed not less than one level below the category for the facility.

4. The facility is not located in the Coastal Management Program boundary.
5. The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). In addition, by ownership of the required buffer zone area, the permittee shall comply with the requirements of 30 TAC § 309.13(e).
6. The permittee shall provide facilities for the protection of its wastewater treatment facility from a 100-year flood.
7. In accordance with 30 TAC § 319.9, a permittee that has at least twelve months of uninterrupted compliance with its bacteria limit may notify the commission in writing of its compliance and request a less frequent measurement schedule. To request a less frequent schedule, the permittee shall submit a written request to the TCEQ Wastewater Permitting Section (MC 148) for each phase that includes a different monitoring frequency. The request must contain all of the reported bacteria values (Daily Avg. and Daily Max/Single Grab) for the twelve consecutive months immediately prior to the request. If the Executive Director finds that a less frequent measurement schedule is protective of human health and the environment, the permittee may be given a less frequent measurement schedule. For this permit, 1/quarter may be reduced to 1/6 months in the Interim and Final phases. **A violation of any bacteria limit by a facility that has been granted a less frequent measurement schedule will require the permittee to return to the standard frequency schedule and submit written notice to the TCEQ Wastewater Permitting Section (MC**

148). The permittee may not apply for another reduction in measurement frequency for at least 24 months from the date of the last violation. The Executive Director may establish a more frequent measurement schedule if necessary to protect human health or the environment.

8. The permittee shall obtain a Chapter 210 Reuse authorization prior to initiating operation of the wastewater treatment facility. The permittee shall reuse 100% of the treated effluent generated on a monthly basis pursuant to the Chapter 210 Reuse authorization and shall maintain minimum storage capacity sufficient to store 16,750 gallons of effluent during the interim phase and sufficient to store 32,830 gallons of effluent during the final phase. The permittee will pump-and-haul effluent generated if that storage becomes full. The permittee shall maintain monthly records of the dates of irrigation, the daily volume of irrigated effluent, the total monthly volume of wastewater generated, the total monthly volume of wastewater reused under Chapter 210, and the calculated percentage of effluent reused.

These records shall be maintained on site for a period of three years and be available for inspection by authorized representatives of the Commission.

Candice Calhoun

From: Daniel Ryan <dryan@lja.com>
Sent: Tuesday, September 16, 2025 11:01 AM
To: Candice Calhoun
Cc: Lauren Crone
Subject: Re: Application to Renew Permit No. WQ0015713001 (RR 417, LLC) - Notice of Deficiency

Ok, we will update the USGS map to reflect the original permit discharge point and path.

Daniel Ryan, P.E.
LJA Engineering, Inc.
Cell: 512-633-8122

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Tuesday, September 16, 2025 10:59 AM
To: Daniel Ryan <dryan@lja.com>
Cc: Lauren Crone <lcrone@lja.com>
Subject: RE: Application to Renew Permit No. WQ0015713001 (RR 417, LLC) - Notice of Deficiency

[EXTERNAL EMAIL]

Dan,

Thank you for providing this information. So, with this, I spoke with my supervisor, and we determined that the permit is stating that discharge is authorized for a daily average flow of 49,000 gallons per day, whether y'all are allowed to or are not doing it, etc., it is still authorized. Even though y'all are authorized for reuse. The USGS map will still need to include the point of discharge and highlighted discharge route, as that is what the permit states is authorized.

Regards,



Candice Courville

License & Permit Specialist
ARP Team | Water Quality Division
Texas Commission on Environmental
Quality
512-239-4312
candice.calhoun@tceq.texas.gov

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

From: Daniel Ryan <dryan@lja.com>
Sent: Tuesday, September 16, 2025 10:31 AM

To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>

Cc: Lauren Crone <lcrone@lja.com>

Subject: Re: Application to Renew Permit No. WQ0015713001 (RR 417, LLC) - Notice of Deficiency

Hello Candice, please see below clipped from the permit's effluent limitations (sub-note 2):

INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

1. During the period beginning upon the date of issuance and lasting through the first day (MGD) facility, the permittee is authorized to discharge subject to the following limitations:

The daily average flow of effluent shall not exceed 0.025 MGD, nor shall the peak flow (peak) exceed 69 gallons per minute (gpm).

<u>Effluent Characteristic</u>	<u>Discharge Limitations</u>		
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Peak mg/l
Flow, MGD	Report	N/A	Report
Carbonaceous Biochemical Oxygen Demand (5-day)	10 (2.1)	15	25
Total Suspended Solids	15 (3.1)	25	40
Ammonia Nitrogen	3 (0.62)	6	10
Total Phosphorus ^{1,2}	0.5 (0.10)	1	2
<i>E. coli</i> , CFU or MPN/100 ml	126	N/A	N/A

¹Only when discharging.

²See Other Requirement No. 8 on page 35.

In addition, the special conditions on page 35 state that 100% of the treated effluent must be used on site. I know this is unusual for a TPDES authorization but in effect the permit does not allow for discharge.

8. The permittee shall obtain a Chapter 210 Reuse a wastewater treatment facility. The permittee shall on a monthly basis pursuant to the Chapter 210 Reuse capacity sufficient to store 16,750 gallons of effluent and 32,830 gallons of effluent during the final phase. The permittee shall generate if that storage becomes full. The permittee shall, for irrigation, the daily volume of irrigated effluent, the total monthly volume of wastewater reused and the total volume of effluent reused.

These records shall be maintained on site for a period of 3 years by authorized representatives of the Commission.

Daniel Ryan, P.E.
LJA Engineering, Inc.
Cell: 512-633-8122

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Tuesday, September 16, 2025 9:55 AM
To: Daniel Ryan <dryan@lja.com>
Cc: Lauren Crone <lcrone@lja.com>
Subject: RE: Application to Renew Permit No. WQ0015713001 (RR 417, LLC) - Notice of Deficiency

[EXTERNAL EMAIL]

Good morning, Dan,

I just tried to call you back and had left you a voicemail but wanted to follow up via email as well.

I did listen to your voicemail and understand that you had stated a special provision was added after the fact prohibiting discharge. However, I was not able to locate in the permit or in an amendment showing that to be the case. If you have any documentation that was sent over to you from TCEQ stating that, could you please provide me with that information. I do plan to double check with the technical team on this as well, I just wanted to check with you first to see if you had any documentation that I can show to the technical team when I do reach out.

If you have any questions, please feel free to respond to my email or give me a call back.

Regards,



Candice Courville

License & Permit Specialist
ARP Team | Water Quality Division
Texas Commission on Environmental
Quality
512-239-4312
candice.calhoun@tceq.texas.gov

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

From: Candice Calhoun
Sent: Tuesday, September 16, 2025 9:00 AM
To: Lauren Crone <lcrone@lja.com>
Cc: 'dryan@lja.com' <dryan@lja.com>
Subject: Application to Renew Permit No. WQ0015713001 (RR 417, LLC) - Notice of Deficiency
Importance: High

Good morning, Ms. Crone,

The attached Notice of Deficiency (NOD) letter dated September 16, 2025, requests additional information needed to declare the application administratively complete. Please send complete response no later than September 30, 2025.

If you have any questions, please let me know.

Regards,



Candice Courville

License & Permit Specialist
ARP Team | Water Quality Division
Texas Commission on Environmental
Quality
512-239-4312
candice.calhoun@tceq.texas.gov

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

[EXTERNAL EMAIL] Exercise caution. Do not open attachments or click links from unknown senders or unexpected email

[EXTERNAL EMAIL] Exercise caution. Do not open attachments or click links from unknown senders or unexpected email

Candice Calhoun

From: Lauren Crone <lcrone@lja.com>
Sent: Friday, September 19, 2025 8:43 AM
To: Candice Calhoun
Cc: Daniel Ryan
Subject: RE: Application to Renew Permit No. WQ0015713001 (RR 417, LLC) - Notice of Deficiency
Attachments: wq0015713001-nod Response Sept 2025.pdf; Municipal Discharge Renewal Spanish NORI (002).docx

Candice,

Please see the attached NOD response. Let me know if you need any additional information to complete your review.

Thank you,

Lauren Crone, P.E. | Senior Director
CENTRAL TEXAS LAND DEVELOPMENT
O: 512.439.4700 | C: 512.971.7693
7500 Rialto Blvd. Building II, Suite 100 Austin, TX 78735
EMPLOYEE-OWNED. CLIENT FOCUSED.

www.lja.com



Top Workplaces USA | 2024

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Tuesday, September 16, 2025 9:00 AM
To: Lauren Crone <lcrone@lja.com>
Cc: Daniel Ryan <dryan@lja.com>
Subject: Application to Renew Permit No. WQ0015713001 (RR 417, LLC) - Notice of Deficiency
Importance: High

[EXTERNAL EMAIL]

Good morning, Ms. Crone,

The attached Notice of Deficiency (NOD) letter dated **September 16, 2025**, requests additional information needed to declare the application administratively complete. Please send complete response no later than **September 30, 2025**.

If you have any questions, please let me know.

Regards,



Candice Courville

License & Permit Specialist

ARP Team | Water Quality Division

Texas Commission on Environmental
Quality

512-239-4312

candice.calhoun@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at

www.tceq.texas.gov/customersurvey

[EXTERNAL EMAIL] Exercise caution. Do not open attachments or click links from unknown senders or unexpected email

September 18, 2025

Candice Courville

Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality
(512) 239-4312
candice.calhoun@tceq.texas.gov

Re:

Application to for Proposed Permit No.: WQ0015713001 (EPA I.D. No. TX0138673)
Applicant Name: RR 417, LLC (CN605554203)
Site Name: RR 417 WWTF (RN110465093))
Type of Application: New
LJA Project No. A7195

Dear Candice:

Please find the responses related to the Notice of Deficiency letter, dated September 16th 2025, for the RR 417 WWTF below.

1. Application Fee on page 1 of the administrative report: We were unable to confirm payment of the application processing fee. The filing fee for your application is \$315.00. Please submit payment to: TCEQ, REVENUE SECTION (MC 214), P.O. BOX 13088, AUSTIN, TEXAS 78711-3088. Also, provide a copy of the check along with the response to this letter.

[Response: Payment has been submitted and a copy of the check has been attached to this response.](#)

2. USGS Topographic Map: The USGS map provides is missing the point of discharge and the highlighted discharge route. Please provide a revised USGS map to include this information.

[Response: The updated USGS Map is shown with a discharge point and highlighted discharge route.](#)

3. Plain Language Summary (PLS): The location of the facility listed does not match the physical address listed in the permit. Also, there are some discrepancies within the discharge flow information listed. Please provide a revised PLS, in English and Spanish language, to correct this information.

[Response: A revised PLS in English and Spanish has been attached to this response.](#)

4. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

APPLICATION. RR 417, LLC, 8839 Farm-to-Market Road 470, Bandera, Texas 78003, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant

Discharge Elimination System (TPDES) Permit No. WQ0015713001 (EPA I.D. No. TX0138673) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 49,000 gallons per day. The domestic wastewater treatment facility is located at 8839 Farm-to-Market Road 470, in Bandera County, Texas 78003. The discharge route is from the plant site to Commissioners Creek; thence to Hondo Creek. TCEQ received this application on September 11, 2025. The permit application will be available for viewing and copying at Bandera Kronkosky Public Library, Public Viewing Desk, 515 Main Street, Bandera, in Bandera County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.231944,29.666944&level=18>

Further information may also be obtained from RR 417, LLC at the address stated above or by calling Ms. Lauren Crone, P.E., LJA Engineering, at 512-439-4700.

[Response: No errors or omissions were found in the notice above.](#)

5. The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

[Response: Please see the attached Spanish NORI in Microsoft Word format.](#)

Should you have any questions or need any additional information, please do not hesitate to call.

Sincerely,

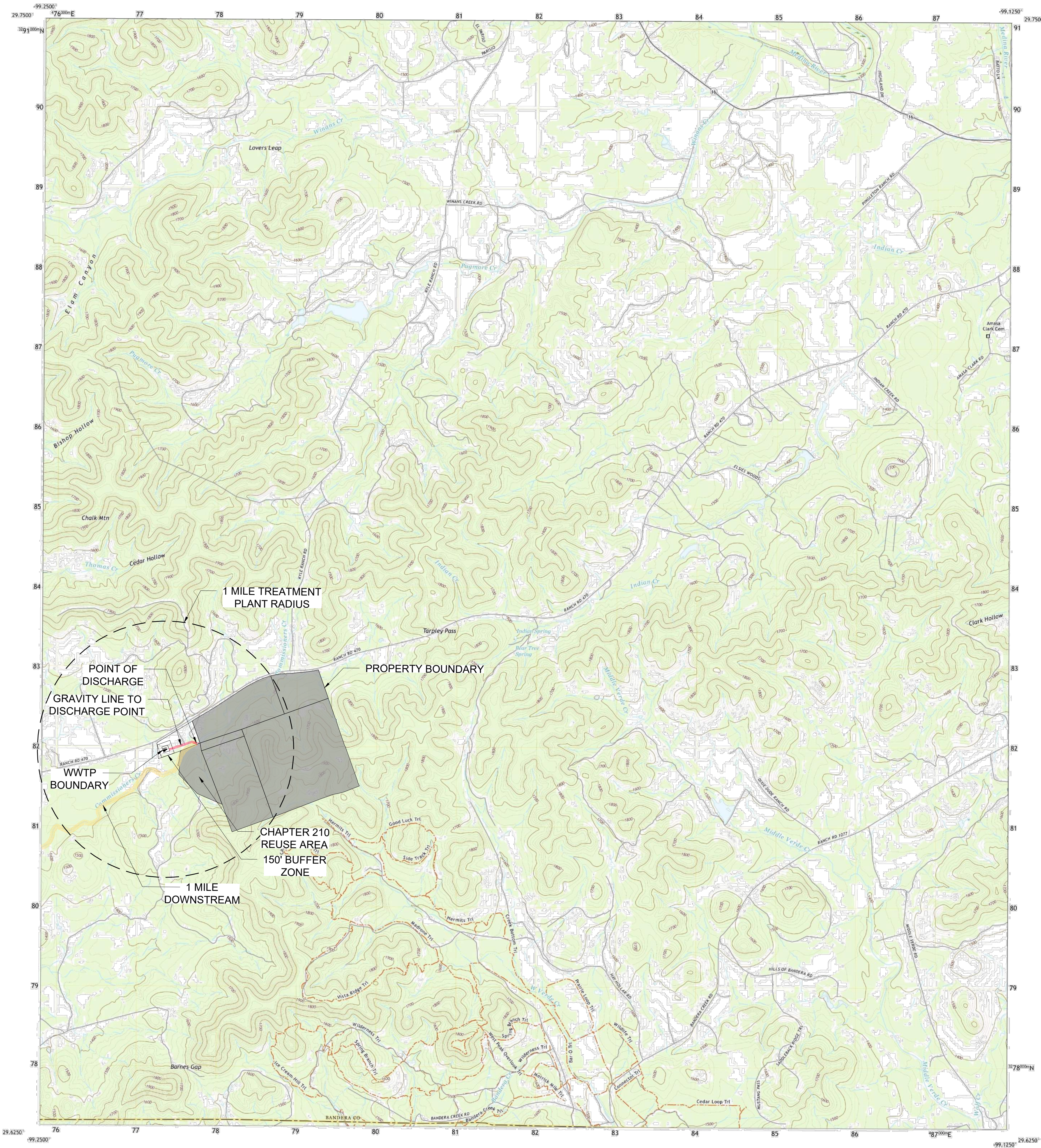
Lauren Crone, P.E.



U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



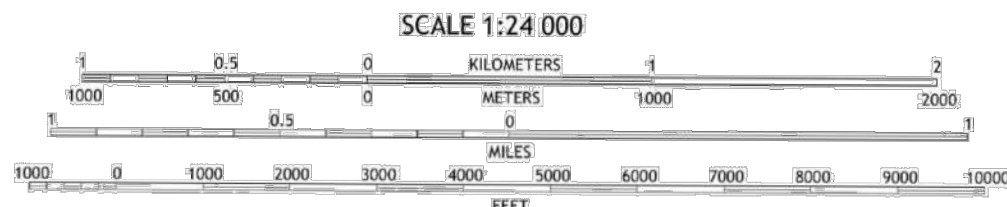
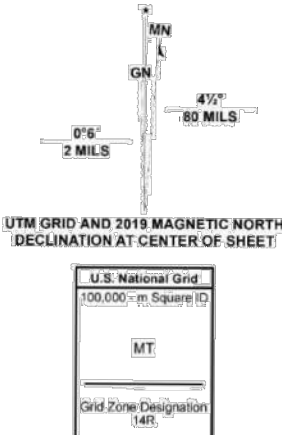
TARPLEY PASS QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2019
Names.....U.S. Census Bureau, 2019
Hydrography.....National Hydrography Dataset, 2002
Contours.....National Elevation Dataset, 2019
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 A Bar A Ranch
2 Rock Cliff Reservoir
3 Bandera Pass
4 Tarpley
5 Bandera
6 Texas Mountains
7 Twin Hollow
8 Timber Creek

ROAD CLASSIFICATION:
Expressway
Secondary Hwy
Ramp
Interstate Route
Local Connector
Local Road
4WD
US Route
State Route

TARPLEY PASS, TX
2022





U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



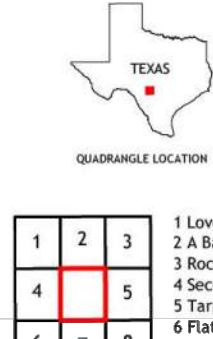
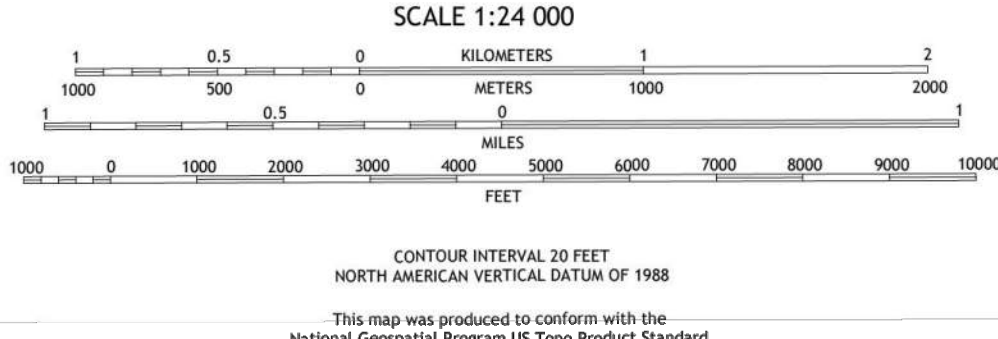
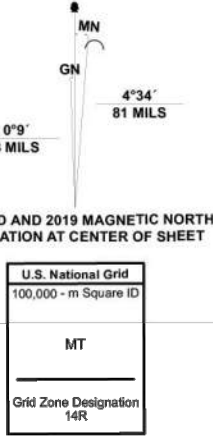
TARPLEY QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
100-meter grid Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2013 - 2019
Names.....GNS, 1979 - 2015
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2019
Boundaries.....Multiple sources; see metadata file 2019 - 2021

Wetlands.....FWS National Wetlands Inventory Not Available



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Love Creek
2 A Bar A Ranch
3 Rock Cliff Reservoir
4 Seco Pass
5 Tarpley Pass
6 Flatrock Crossing
7 Tonal Mountain
8 Twin Hollow



TARPLEY, TX
2022





U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



TARPLEY QUADRANGLE
TEXAS
7.5-MINUTE SERIES

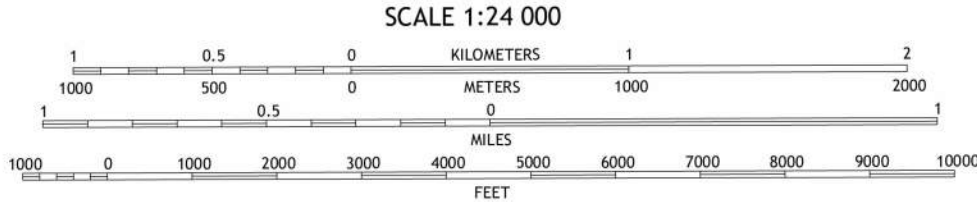
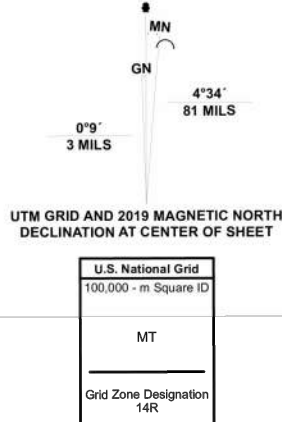


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84), Projection and
1000-meter grid/Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAP, September 2016, November 2016
Roads.....U.S. Census Bureau, 2015
Hydrography.....National Hydrography Dataset, 2002
Contours.....National Elevation Dataset, 2019
Boundaries.....Multiple sources, see metadata file, 2019 - 2021

Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



1	2	3	1 Love Creek
4		5	2 A Bar A Ranch
6	7	8	3 Rock Cliff Reservoir
			4 Seco Pass
			5 Tarpley Pass
			6 Flatrock Crossing
			7 Texas Mountain
			8 Twin Hollow

ADJOINING QUADRANGLES

ROAD CLASSIFICATION	
Expressway	Local Connector
Secondary Hwy	Local Road
Ramp	4WD
Interstate Route	US Route
	State Route

TARPLEY, TX
2022



W:\471501\Print\Review\TPOCS_Review\2025\Enhanced\USGS_SPT\Map\25_256\256.dwg





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

RR 417, LLC (CN605554203) operates RR 417 Wastewater Treatment Facility (RN110465093), a 0.049 MGD wastewater plant. The facility is located at 8839 Farm to Market 470, in Bandera County, Texas 78003. The WWTP is located approximately 2.92 miles East of the intersection of Ranch Road 470 and Ranch Road 462. The treatment plant is built approximately 517 ft into the property, in Bandera, Bandera County, Texas 78003. This application is for a renewal to discharge 49,000 gallons per day of treated domestic wastewater on an intermittent and flow-variable basis.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and *Escherichia coli*. Domestic wastewater is treated by a complete mix activated sludge treatment package, and the treatment units will include a bar screen, an added flow equalization basin, aeration basin, mechanical clarifier, dosing pump chamber, chlorine contact basin, and an aerobic digester. This facility will also utilize dechlorination prior to discharge.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

RR 417, LLC (CN605554203) opera la Planta de Tratamiento de Aguas Residuales RR 417 (RN110465093), una planta de tratamiento de aguas residuales de 0.049 MGD. La planta está ubicada en 8839 Farm to Market 470, en el Condado de Bandera, Texas 78003. La PTAR se encuentra aproximadamente a 4.71 km al este de la intersección de Ranch Road 470 y Ranch Road 462. La planta de tratamiento está construida aproximadamente a 157 metros dentro de la propiedad, en Bandera, Condado de Bandera, Texas 78003. Esta solicitud es para una renovación del vertido de 49,000 galones diarios de aguas residuales domésticas tratadas de forma intermitente y con caudal variable.

Se espera que los vertidos de la planta contengan la demanda bioquímica de oxígeno carbonoso (DBO₄) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH₃-N) y Escherichia coli. Las aguas residuales domésticas se tratan mediante un sistema completo de tratamiento de lodos activados. Las unidades de tratamiento incluirán un tamiz de barras, un depósito de ecualización de caudal adicional, un depósito de aireación, un clarificador mecánico, una cámara de dosificación, un depósito de contacto con cloro y un digestor aeróbico. Esta instalación también utilizará decloración antes del vertido.

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

Transaction Information

Trace Number: 582EA000685570

Date: 09/19/2025 08:30 AM

Payment Method: CC - Authorization 0000019027

ePay Actor: LAUREN CRONE

Actor Email: lcrone@lja.com

IP: 170.55.94.226

TCEQ Amount: \$315.00

Texas.gov Fee: \$7.34

Texas.gov Price: \$322.34*

* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Payment Contact Information

Name: LAUREN CRONE

Company: LJA ENGINEERING INC

Address: 7500 RIALTO BOULEVARD BUILDING, AUSTIN, TX 78735

Phone: 512-439-4700

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
783994	WW PERMIT - FACILITY WITH FLOW < .05 MGD - RENEWAL		\$300.00
783995	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		\$15.00
		TCEQ Amount:	\$315.00

ePay AgainExit ePay

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.

Comisión de Calidad Ambiental del Estado de Texas



AVISO DE RECIBO DE LA SOLICITUD Y EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA RENOVACION

PERMISO NO. WQ00

SOLICITUD. RR 417, LLC, 8839 Farm-to-Market Road 470, Bandera, Texas 78003, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0015713001 (EPA I.D. No. TX TX0138673) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 49,000 galones por día. La planta está ubicada se encuentra en 8839 Farm-to-Market Road 470 en el Condado de Bandera, Texas 78003. La ruta de descarga es del sitio de la planta La ruta de descarga va desde la planta hasta Commissioners Creek; de allí, hasta Hondo Creek. La TCEQ recibió esta solicitud el 11 de septiembre de 2025. La TCEQ recibió esta solicitud el 11 de septiembre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca Pública Bandera Kronkosky, Mostrador de Consulta Pública, 515 Main Street, Bandera, Condado de Bandera, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.231944,29.666944&level=18>

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos

o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.** Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en www.tceq.texas.gov/goto/cid. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía <http://www14.tceq.texas.gov/epic/eComment/> o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del RR 417, LLC a la dirección indicada arriba o llamando a Sra. Lauren Crone al 512-439-4700.

Fecha de emisión: *[Date notice issued]*