



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, el Aviso de Recepción de Solicitud e Intención de Obtener un Permiso)
 - Inglés
 - Idioma alternativo (español)
3. Solicitud original

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.

Zapata County (CN600334429) operates Chihuahua Wastewater Treatment Plant (RN104459573), a facility that serves the community of Chihuahua, Texas that consists of a treatment system of activated sludge process in extended aeration mode. The facility is located approximately 1,600 feet east of the intersection of State Highway 83 and FM Road 2687, in Chihuahua, Zapata County, Texas 78076. The purpose of this application is to apply for a renewal of the existing permit.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BODs), total suspended solids (TSS), ammonia nitrogen, chlorine residual and Escherichia coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Domestic wastewaters are treated by a treatment system of activated sludge process.

Aguas Residuales Domesticas / 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.

El Condado de Zapata (CN600334429) opera la Planta de Tratamiento de Aguas Residuales de Chihuahua (RN104459573), una instalación que da servicio a la comunidad de Chihuahua, Texas y que consiste en un sistema de tratamiento con proceso de lodos activados en modo de aireación extendida. La instalación está ubicada en aproximadamente a 1,600 pies al este de la intersección de la Carretera Estatal 83 y el Camino FM 2687, en Chihuahua, Condado de Zapata, Texas 78076. El propósito de esta solicitud es pedir la renovación del permiso existente.

Se espera que las descargas de la instalación contengan la demanda bioquímica de oxígeno a cinco días (DBO₅), los sólidos suspendidos totales (SST), el nitrógeno amoniacal, el cloro residual y Escherichia coli. Contaminantes potenciales adicionales se incluyen en el Informe Técnico Doméstico 1.0, Sección 7. Aguas Residuales Domésticas. está tratado por un sistema de tratamiento con proceso de lodos activados.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0010462002

APPLICATION. Zapata County, 605 North U.S. Highway 83, Suite D, Zapata, Texas 78076, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010462002 (EPA I.D. No. TX0132942) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 17,500 gallons per day. The domestic wastewater treatment facility is located approximately 1,600 feet east of the intersection of State Highway 83 and Farm-to-Market Road 2687, near the city of Chihuahua, in Zapata County, Texas 78076. The discharge route is from the plant site to Arroyo Miguel, thence to International Falcon Reservoir. TCEQ received this application on December 1, 2025. The permit application will be available for viewing and copying at Zapata County Waterworks, lobby, 605 North U.S. Highway 83, Suite D, Zapata, Texas prior to the date this notice is published in the newspaper. The application 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=-99.118888,26.784444&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 Zapata County at the address stated above or by calling Mr. Ralph Trevino, Public Works Director, at 956-765-9975.

Issuance Date: December 18, 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. WQ0010462002

SOLICITUD. El condado de Zapata, 605 Carretera U.S. 83 Norte, Suite D, Zapata, Texas 78076, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010462002 (EPA I.D. No. TX0132942) 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 17,500 galones por día. La planta está ubicada aproximadamente a 1,600 pies al este de la intersección de la Carretera Estatal 83 y la carretera Farm-to-Market Road 2687, cerca de la ciudad de Chihuahua en el Condado de Zapata, Texas 78076. La ruta de descarga es del sitio de la planta a Arroyo Miguel, y de allí al Embalse Internacional Falcón. La TCEQ recibió esta solicitud el 1 (Primero) de Diciembre, 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Zapata County Waterworks, vestíbulo, 605 Carretera U.S. 83 Norte, Suite D, Zapata, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud está disponible para su visualización y copia 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=-99.118888,26.784444&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 Condado de Zapata a la dirección indicada arriba o llamando a el señor Ralph Trevino, Director de Obras Públicas al 956-765-9975.

Fecha de emisión: 18 de diciembre de 2025



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Zapata County

PERMIT NUMBER (If new, leave blank): WQ0010462002

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 type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input 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: 13694
Check/Money Order Amount: \$315.00
Name Printed on Check: Zapata County

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

- ☐ New
☐ Major Amendment with Renewal
☐ Major Amendment without Renewal
☒ Renewal without changes
☐ Minor Amendment with Renewal
☐ Minor Amendment without Renewal
☐ Minor Modification of permit

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

f. For existing permits:

Permit Number: WQ00 10462002

EPA I.D. (TPDES only): TX 0132942

Expiration Date: May 11, 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?

Zapata County

(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: 600334429

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: Rathmell, Joe

Title: County Judge

Credential: N/A

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?

N/A

(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: N/A

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: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Provide a brief description of the need for a co-permittee: N/A

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. **Core Data Form**

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: Mr. Last Name, First Name: Guerra, Armando
Title: Professional Engineer / Engineering Manager Credential: Professional Engineer
Organization Name: Premier Civil Engineering
Mailing Address: 1302 Calle Del Norte Suite: 2 City, State, Zip Code: Laredo, Texas 78041
Phone No.: (956)-717-1199 E-mail Address: armando.guerra@premier-ce.com
Check one or both: ☐ Administrative Contact ☒ Technical Contact

B. Prefix: Mr. Last Name, First Name: Martinez Jr., Miguel Angel
Title: Engineer in Training Credential: E.I.T.
Organization Name: Premier Civil Engineering
Mailing Address: 1302 Calle Del Norte Suite: 2 City, State, Zip Code: Laredo, Texas, 78041
Phone No.: (956)-337-8854 E-mail Address: miguel.martinez@premier-ce.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: Mr. Last Name, First Name: Martinez Jr., Miguel Angel
Title: Engineer In Training Credential: E.I.T.
Organization Name: Premier Civil Engineering
Mailing Address: 1302 Calle Del Norte Suite: 2 City, State, Zip Code: Laredo, Texas, 78041
Phone No.: (956)-337-8854 E-mail Address: miguel.martinez@premier-ce.com

B. Prefix: Mr. Last Name, First Name: Guerra, Armando
Title: Professional Engineer / Engineering Manager Credential: Professional Engineer
Organization Name: Premier Civil Engineering
Mailing Address: 1302 Calle Del Norte Suite: 2 City, State, Zip Code: Laredo, Texas, 78041
Phone No.: (956)-717-1199 E-mail Address: armando.guerra@premier-ce.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: Trevino, Ralph
Title: Public Works Director Credential: N/A
Organization Name: Zapata County
Mailing Address: 605 N. US Highway 83 Suite: D City, State, Zip Code: Zapata, Texas, 78076
Phone No.: (956)-765-9975 E-mail Address: ralph@zapatacountytexas.org

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: Valadez, Meliton
Title: Plant Operator Credential: N/A
Organization Name: Zapata County
Mailing Address: 605 N US Highway 83 Suite: D City, State, Zip Code: Zapata, Texas 78076
Phone No.: (956)-765-9975 E-mail Address: kiko@zapatacountytexas.org

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Martinez Jr., Miguel Angel
Title: Engineer In Training Credential: E.I.T.
Organization Name: Premier Civil Engineering
Mailing Address: 1302 Calle Del Norte Suite: 2 City, State, Zip Code: Laredo, Texas, 78041
Phone No.: (956)-337-8854 E-mail Address: miguel.martinez@premier-ce.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: Mr. Last Name, First Name: Trevino, Ralph
Title: Publics Works Director Credential: N/A
Organization Name: Zapata County
Mailing Address: 605 N US Highway 83 Suite: D City, State, Zip Code: Zapata, Texas, 78076
Phone No.: (956)-765-9975 E-mail Address: ralph@zapatacountytexas.org

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: Zapata County Waterworks
Location within the building: Lobby
Physical Address of Building: 605 N US Highway 83 Suite: D
City: Zapata County: Zapata
Contact (Last Name, First Name): Rosales, Rebecca
Phone No.: (956)-765-9975 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: Plain Language Summary

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 104459573**

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):

Chihuahua Wastewater Treatment Plant

C. Owner of treatment facility: Zapata County

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

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

Prefix: N/A Last Name, First Name: N/A

Title: N/A Credential: N/A

Organization Name: Zapata County

Mailing Address: 605 N US Highway 83 Suite: D City, State, Zip Code: Zapata, Texas, 78076

Phone No.: (956)-765-9975 E-mail Address: ralph@zapatacountytexas.org

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: N/A

E. Owner of effluent disposal site:

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: N/A

City, State, Zip Code: N/A

Phone No.: N/A

E-mail Address: N/A

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: N/A

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

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: N/A

City, State, Zip Code: N/A

Phone No.: N/A

E-mail Address: N/A

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: N/A

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:

Click to enter text.

City nearest the outfall(s): Chihuahua, Texas

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

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ 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: N/A

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

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010462002

Applicant: Zapata County

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): Joe Rathmell

Signatory title: County Judge

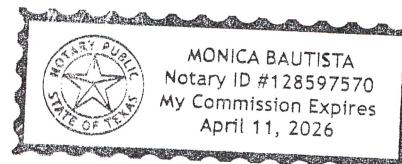
Signature:  Date: 9/3/2025
(Use blue ink)

Subscribed and Sworn to before me by the said Joe Rathmell
on this 3rd day of September, 20 25.
My commission expires on the 11th day of April, 20 26.


Notary Public

[SEAL]

Zapata
County, Texas



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: **SPIF**

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: Zapata County

Permit No. WQ00 10462002EPA ID No. TX 0132942

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

Approximately 1,600 feet east of the intersection of State Highway 83 and FM Road 2687, in Zapata County, Texas 78076.

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): Mr.

First and Last Name: Ralph Trevino

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: Zapata County Waterworks Director

Mailing Address: 605 N US Highway 83 Suite: D

City, State, Zip Code: Zapata, Texas, 78067

Phone No.: (956)765-9976 Ext.: Click here to enter text. Fax No.: (956)-765-5869

E-mail Address: ralph@zapatacountytexas.org

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

N/A

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.

The effluent discharges to the Arroyo Miguel, thence to the International Falcon Reservoir in Segment No. 2303 of the Rio Grande Basin.

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):

N/A

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

N/A

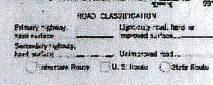
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

N/A

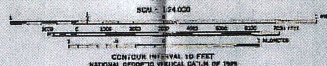
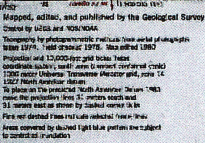
4. Provide a brief history of the property, and name of the architect/builder, if known.

N/A



ARROYO CLAREÑO, TEX.-TAM
N2545-W22C7.57.5
1800
DMA-0187 1 SE 84LCS 7892

ARROYO MIGUEL QUADRANGLE
TEXAS ZAPATA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



ROAD CLASSIFICATION

Primary Highway, hard surface	Lightly used, hard or improved surface
Secondary highway, hard surface	Unimproved road
<input checked="" type="checkbox"/> Interstate Route	<input type="checkbox"/> U. S. Route
	<input type="checkbox"/> State Route

ARROYO MIGUEL, TEX.
12345 123456789
1990
DNA 1234 5 678 90123456789

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

Attachments for Administrative Report 1.0



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 600334429		RN 104459573

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		
<input type="checkbox"/> New Customer <input 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)				
<i>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).</i>				
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)			<i>If new Customer, enter previous Customer below:</i>	
Zapata County				
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits) 74-60030780	9. Federal Tax ID (9 digits) 74-6003078	10. DUNS Number (if applicable)	
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
Government: <input type="checkbox"/> City <input checked="" type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees <input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input checked="" type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		13. Independently Owned and Operated? <input type="checkbox"/> Yes <input checked="" 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 type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" 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:	605 N US Highway 83 Suite: D			
City	Zapata	State	TX	ZIP 78076
				ZIP + 4
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)		
		ralph@zapatacountytx.org		

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(956) 765-9975		(956) 765-9974

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 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.)								
Zapata County Chihuahua Wastewater Treatment Plant								
23. Street Address of the Regulated Entity: (No PO Boxes)								
	City	Zapata	State	TX	ZIP	78076	ZIP + 4	
24. County	Zapata							

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

25. Description to Physical Location:	Located approximately 1,600 feet east of the intersection of State Highway 83 and FM Road 2687.							
26. Nearest City					State	Nearest ZIP Code		
Chihuahua					TX	78076		
<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:		26.78446425			28. Longitude (W) In Decimal:		-99.11890447	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
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								
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Wastewater Treatment Plant								
34. Mailing Address:	605 N US Highway 83 Suite: D							
	City	Zapata	State	TX	ZIP	78076	ZIP + 4	
35. E-Mail Address:		ralph@zapatacountytx.org						
36. Telephone Number			37. Extension or Code			38. Fax Number (if applicable)		
(956) 765-9975						(956) 765-9974		

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.

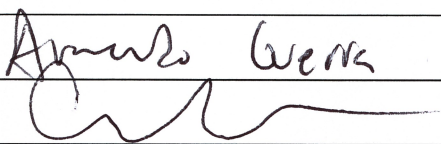
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review 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:

SECTION IV: Preparer Information

40. Name:	Miguel Angel Martinez Jr.	41. Title:	Engineer in Training
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(956) 337-8854		() -	miguel.martinez@premier-ce.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:	Premier Civil Engineering	Job Title:	Engineering Manager
Name (In Print):	Armando Guerra	Phone:	(956) 717- 1196
Signature:		Date:	11/26/25

Plain Language Summary

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.

Zapata County (CN600334429) operates Chihuahua Wastewater Treatment Plant (RN104459573), a facility that serves the community of Chihuahua, Texas that consists of a treatment system of activated sludge process in extended aeration mode. The facility is located approximately 1,600 feet east of the intersection of State Highway 83 and FM Road 2687, in Chihuahua, Zapata County, Texas 78076. The purpose of this application is to apply for a renewal of the existing permit.

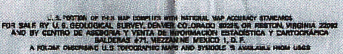
Discharges from the facility are expected to contain five-day biochemical oxygen demand (BODs), total suspended solids (TSS), ammonia nitrogen, chlorine residual and Escherichia coli. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Domestic wastewaters are treated by a treatment system of activated sludge process.

Aguas Residuales Domesticas / Aguas Pluviales

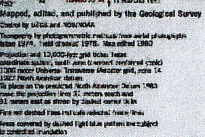
El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar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

El Condado de Zapata (CN600334429) opera la Planta de Tratamiento de Aguas Residuales de Chihuahua (RN104459573), una instalación que da servicio a la comunidad de Chihuahua, Texas y que consiste en un sistema de tratamiento con proceso de lodos activados en modo de aireación extendida. La instalación está ubicada en aproximadamente a 1,600 pies al este de la intersección de la Carretera Estatal 83 y el Camino FM 2687, en Chihuahua, Condado de Zapata, Texas 78076. El propósito de esta solicitud es pedir la renovación del permiso existente.

Se espera que las descargas de la instalación contengan la demanda bioquímica de oxígeno a cinco días (DBO₅), los sólidos suspendidos totales (SST), el nitrógeno amoniacal, el cloro residual y Escherichia coli. Contaminantes potenciales adicionales se incluyen en el Informe Técnico Doméstico 1.0, Sección 7. Aguas Residuales Domésticas. está tratado por un sistema de tratamiento con proceso de lodos activados.



ARROYO MIGUEL QUADRANGLE
TEXAS ZAPATA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)



THIS MAP COMPLEYS WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A HOLDEN DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

ROAD CLASSIFICATION

Primary highway, hard surface	Light-duty road, hard or improved surface
Secondary highway, hard surface	Unimproved road
<input checked="" type="radio"/> Interstate Route	<input checked="" type="radio"/> U. S. Route
	<input type="radio"/> State Route

ARROYO MIGUEL, TEX.
N2545 W9200275
1980
DMA 121 1 SC 22000 1981



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): .0175

2-Hr Peak Flow (MGD): .070

Estimated construction start date: 11/01/2004

Estimated waste disposal start date: 07/01/2005

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): 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.

D. Current Operating Phase

Provide the startup date of the facility: 07/01/2005

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.**

Activated sludge process in extended aeration mode. Treatment Units: system to lift station, bar screen, aeration basins, clarifiers, sludge digester, chlorine contact chamber, direct discharge to the Arroyo Miguel. Hauled by registered transporter off-site to registered landfill site.

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)
Inlet Bar Screen	1	2.42' x 1 x 1.17'
Aeration Basin	5	6' x 13' x 8.58'
Clarifier Basin	2	6' x 13' x 8.58
Aerated Sludge Holding (Digester)	1	6' x 8.33' x 8.83'
Chlorine Contact Chamber	1	6' x 4.33' x 7'
Outfall Pipe	1	8" Diameter

C. Process Flow Diagram

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

Attachment: Flow Diagram

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

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

- Latitude: 26.78446425
- Longitude: -99.11890447

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

- Latitude: N/A
- Longitude: N/A

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: Site Plan

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

Community of Chihuahua Texas.

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
		Choose an item.	
		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.**

N/A

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.

N/A

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: 07/01/2005

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.**

N/A

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.

N/A

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*.

N/A

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:

N/A

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.

N/A

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.

N/A

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.

N/A

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.
N/A

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.

N/A

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.

N/A

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.

N/A

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	15	16.09	3	Grab	11/13/25 8:05 AM
Total Suspended Solids, mg/l	<4	<4	3	Grab	11/13/25 8:05 AM
Ammonia Nitrogen, mg/l	0.56	0.56	2	Grab	11/13/25 8:05 AM
Nitrate Nitrogen, mg/l	12.04	12.04	1	Grab	11/13/25 8:05 AM
Total Kjeldahl Nitrogen, mg/l	3.15	3.25	2	Grab	11/13/25 8:05 AM
Sulfate, mg/l	228.12	228.12	1	Grab	11/13/25 8:05 AM
Chloride, mg/l	176.92	176.92	1	Grab	11/13/25 8:05 AM
Total Phosphorus, mg/l	2.078	2.078	2	Grab	11/13/25 8:05 AM
pH, standard units	7.1	7.1	1	Grab	11/13/25 8:05 AM
Dissolved Oxygen*, mg/l	6.09	6.09	1	Grab	11/13/25 8:05 AM
Chlorine Residual, mg/l	N/A	N/A	N/A	N/A	N/A
<i>E.coli</i> (CFU/100ml) freshwater	<2	<2	1	Grab	11/13/25 8:05 AM
Enterococci (CFU/100ml) saltwater	6	6	2	Grab	11/13/25 8:05 AM
Total Dissolved Solids, mg/l	735	945	3	Grab	11/13/25 8:05 AM
Electrical Conductivity, umohs/cm, †	1168	1168	1	GRAB	11/13/25 8:05 AM
Oil & Grease, mg/l	<5	<5	2	Grab	11/13/25 8:05 AM
Alkalinity (CaCO ₃)*, mg/l	119	119	3	Grab	11/13/25 8:05 AM

*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	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	N/A	N/A	N/A	N/A	N/A
pH, standard units	N/A	N/A	N/A	N/A	N/A

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Fluoride, mg/l	N/A	N/A	N/A	N/A	N/A
Aluminum, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity (CaCO ₃), mg/l	N/A	N/A	N/A	N/A	N/A

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Meliton Valadez

Facility Operator's License Classification and Level: Waste Water Class B

Facility Operator's License Number: WW0065576

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: [Click to enter text.](#)

C. Sewage Sludge or Biosolids Management

Provide information on the *intended* sewage sludge or biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the 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
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk		N/A: Disposal in Landfill	N/A: Disposal in Landfill
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: [Zapata County Landfill](#)

TCEQ permit or registration number: [783](#)

County where disposal site is located: [Zapata County](#)

E. Transportation method

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

Name of the hauler: [Mo-Vac Environmental](#)

Hauler registration number: [21955](#)

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:

N/A

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:

N/A

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: N/A

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: Meliton Valadez

Title: Wastewater Chief Operator

Signature: Meliton Valadez

Date: 8-29-25

CHEMTX

CHAIN OF CUSTODY RECORD

PHONE : (361) 299-9900

Environmental & Industrial Hygiene Services
5544 Leopard Street, Corpus Christi, TX 78408

ANALYTICAL SERVICES REQUEST
ENVIRONMENTAL

E-mail : cc@chemtexas.com
Web Site : www.chemtexas.com

CLIENT: ZAPATA COUNTY WATER WORKS
ATTN: Mr. FLOY CHAPA (956-290-4553)

ADDRESS: 605 N Hwy 83, Suite D
ZAPATA, TEXAS 78076

PHONE: (956) 765-9977
E-Mail : zapatawastewater@yahoo.com

BILLING CONTACT/ADDRESS:
(if different from above)

P. O. #:

PROJECT NO:

PROJECT:
WWTP PERMIT RENEWAL

SITE/LOCATION:
LOCATED APPROXIMATELY 1,400 FEET EAST OF THE
INTERSECTION OF STATE HIGHWAY 83 AND FARM-
TO-MARKET ROAD 2687 IN ZAPATA.

SAMPLE (S) COLLECTED BY: (Print Name)

2-4 hr Rush ___ 24 hr Rush ___ 48 hr Rush ___ 5-7 days ___ X ___ 7-14 days ___

Expected Turnaround Time

Sample Matrix Codes: Drinking Water: DW; Groundwater: GW; Liquid Waste: LW; Oil(s): O; Paint Chips: PC; Sand: Ss;
Sludge: Sl; Soil/Solid: S; Solid Waste: SW; Trip Blank: TB; Water: W; Wipes: WP; Wastewater: WW

CHEMTX #	SAMPLE IDENTIFICATION	Collection		Sample Matrix	Composite/Grab	Chemical Preservative	Sample Containers			TRC, DO, pH	CBOD, TSS, TDS, EC, ALKALINITY	Nitrate-N, Chloride, Sulfate	TKN, Ammonia-N, Total, Phosphorus	Oil & Grease	E. coli, Enterococci
		Date	Time				No	Size (oz)	Type (Glass /Plasti)						
C25110175A	Effluent	11/13/25	8:05 AM	WW	G	-	1	16 oz	P	X	DO / 6.09	6.12	8:12 AM		
C25110175B	Effluent	11/13/25	8:05 AM	WW	G	-	3	32 oz	P		X	PH / 7.10	8:18 AM		
C25110175C	Effluent	11/13/25	8:05 AM	WW	G	-	1	32 oz	P			X	TRC 2.5	8:20 AM	
C25110175D	Effluent	11/13/25	8:05 AM	WW	G	H ₂ SO ₄	2	16 oz	P				X		
C25110175E	Effluent	11/13/25	8:05 AM	WW	G	H ₂ SO ₄	2	32 oz	G					X	
C25110175F	Effluent	11/13/25	8:05 AM	WW	G	Na ₂ S ₂ O ₃	1	100 oz	P						X

Special Instructions: Samples are preserved on ice after collection and transported in ice chest. Regulatory _____ Non-Regulatory _____
pH Buffer Standards Units: 4 / 7 / 10 Observed Reading of Buffer Standard Units:.....

Relinquished By:	Date/Time:	Received By:	Date/Time:
Melton Valadez	11/13/25	Callos Vela	11-13-25 8:05 am
Relinquished By:	Date/Time:	Received By:	Date/Time:
Callos Vela	11/13/25 10:15 am	CSR	11/13/25 10:15 am

Facilities also available at: 3082 25th Street, Port Arthur, TX 77642; Phone: 409-983-4575; E-mail: pa@chemtexas.com; and
138 S. Citrus Service Hwy., Sulphur, LA 70663; Phone 337-626-2121; E-mail: lc@chemtexas.com
NOTICE / DISCLAIMER: Client has asked Chemtexas to perform the analyses listed above, on the samples described herein. Any analytical results, opinions or interpretations which may be provided to Client are based upon the information and material supplied by Client, for whose exclusive and confidential use a report will be made. No person or entity other than Client may rely on any such report. Any such reliance will be at Client's risk. Chemtexas makes no warranty or representation, express or implied, of any type, and expressly disclaims same. Any report provided by Chemtexas shall not be reproduced, in whole or in part, without the written approval of Chemtexas. In no event shall Chemtexas be responsible for any damages greater than the amount that it received for performing services or all the analyses listed above.
F:\COC-CC-12_02_0301\2024



Environmental & Industrial Hygiene Services

3082 25th Street, Port Arthur, TX 77642 (409) 983-4575 pa@chemtexas.com
5544 Leopard Street, Corpus Christi, TX 78408 (361) 299-9900 cc@chemtexas.com
138 S. Cities Service Hwy., Sulphur, Louisiana 70663 (337) 626-2121 lc@chemtexas.com
401 N. 11 Street, La Porte, TX 77571 (281) 867-9900 lp@chemtexas.com

Client: Zapata County Water Works
605 N Hwy 83, Suite D
Zapata, TX 78076

Reporting Date: 11/24/2025
CHEMTEX File #: C25110175

QC Batch ID	LCS ID	Parameter	Spk	LCS	LCS	LCS	LCS	RPD	RPD	% Rec
			Added	Result	% Rec	Result	% Rec		Limit	Limit
QbNH ₃ N111425	NH ₃ N111425	Ammonia-N	25	24.92	99.7					80-120
QbTK112025	TKN112025	TKN	25	26.23	104.9					80-120
QbPhos111925	PHOS111925	Phosphorus	0.5	0.47	94	0.482	96.4	2.5	20	80-120
QbOG111925	OG111925	O & G	40.0	40.5	101.3	43.2	108	6.5	20	78-114

Duplicate (mg/L)

QC Batch ID	Dup ID	Parameter	Sample	Sample Dup	RPD	RPD
			Result	Result		Limit
QbCBOD111325	C25110175	CBOD	14.51	16.09	10.3	20
QbTSS111325B	C25110183	TSS	8825	9525	7.6	10
QbTDS111325	C25110152	TDS	945	859	9.5	20
QbALK111825	C25110104	Alkalinity	363	370	1.9	20
QbCON112025	C25110175	Conductivity	1168	1175	0.6	20
QbIC112125	C25110229	Chloride	177	179.36	1.3	20
		Sulfate	86.4	87.48	1.2	20
		Nitrate	31.72	32.04	1	20
		Nitrite	<0.25	<0.25		20
QbNH ₃ N111425	C25110114	Ammonia-N	<0.1	<0.1		20
QbTK112025	C25110175	TKN	3.15	3.25	3.1	20
QbPhos111925	P25110030	Phosphorus	<0.05	<0.05		20
QbOG111925	S25110062	O & G	<5.0	<5.0		20
QbEC1111325	C25110174	E.Coli (CFU/100ml)	15	15		25
QbECC1111325	C25110175	Enterococci(CFU/100ml)	5	5		25

MS (mg/L)

QC Batch ID	MS ID	Parameter	MS Spk	Sample	MS	MS	% Rec
			Added	Result	Result	% Rec	Limit
QbALK111825	C25110104	Alkalinity	100	363	451	88	70-130
QbIC112125	C25110229	Chloride	4000	177	4362.6	104.6	80-120
		Sulfate	4000	86.4	4634.4	113.7	80-120
		Nitrate	4000	31.72	4111.4	102	80-120
		Nitrite	4000	<0.25	2776.5	69.4	80-120
QbNH ₃ N111425	C25110114	Ammonia-N	5	<0.1	5.09		70-130
QbTK112025	C25110175	TKN	5	3.15	8.5	107.4	70-130
QbPhos111925	P25110030	Phosphorus	1	<0.05	0.89	89	70-130
QbOG111925	S25110105	O & G	20	<5.0	18.8	94	78-114

[Signature]

Hari R. Chinnasani, M.Sc.,

Technical Manager

csr/chr/CNR

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138 S. Cities Service Hwy., Sulphur, Louisiana 70663 (337) 626-2121 lc@chemtexas.com
401 N. 11 Street, La Porte, TX 77571 (281) 867-9900 lp@chemtexas.com

Client: Zapata County Water Works
605 N Hwy 83, Suite D
Zapata, TX 78076

Reporting Date: 11/24/2025
CHEMTEX File #: Q25110175

Parameter	Method Reference	Date Analyzed/Analyzed By
DO	SM4500-O-G	11/13/25 @8:12am by Client
pH	SM4500-H+B	11/13/25 @8:12am-25.5°C by Client
TRC	SM4500-CL G	11/13/25 @8:20m by Client
CBOD	SM 5210 B	11/13 - 18/25 @ 5:25 pm -12:30 pm QHR
TSS	SM 2540 D	11/13/25 GC
TDS	SM 2540 C	11/13/25 GC
Alkalinity	SM 2320 B	11/18/25 PSS
Electrical Conductivity	SM 2510B	11/20/25 BRK
Chloride/Sulfate/Nitrate-N	EPA 300.0	11/21/25 BRK
TKN	SM4500-Norg-B & SM 4500-NH ₃ -D	11/20/25 BRK
Ammonia-N	SM4500-NH ₃ D	11/14/25 BRK
Phosphorus	EPA 365.3	11/19/25 BRK
Oil & Grease (O & G)	EPA Method 1664B	11/19/25 VB
E.Coli	Hach Co. m-coliBlue24® Test	11/13-14/25 @ 12:13 pm - 12:35 pm CSR
Enterococci	EPA 1600	11/13-14/25 @ 12:12pm -12:40 pm CSR

Method Blank (mg/L)

QC Batch ID	MB ID	Parameter	Result	RL
QbCBOD111325	DIW111325	CBOD	<2	2
QbTSS111325B	DIW11325	TSS	<4	4
QbTDS111325	DIW11325	TDS	<4	4
QbALK111825	MB111825	Alkalinity	<2.0	2.0
QbCON112025	MB112025	Conductivity	<2	2
QbIC112125	112125MB	Chloride	<0.25	0.25
		Sulfate	<0.25	0.25
		Nitrite	<0.25	0.25
		Nitrate	<0.25	0.25
QbNH ₃ N111425	MB111425	Ammonia-N	<0.10	0.10
QbTK112025	MB112025	TKN	<5.0	5.0
QbPhos111925	MB111925	Phosphorus	<0.05	0.05
QbOG111925	MB111925	Oil & Grease	<5.0	5.0
QbEC1111325	MB111325	E.Coli (CFU/100ml)	<1	1
QbECC1111325	MB111325	Enterococci(CFU/100ml)	<1	1

LCS and LCSD (mg/L)

QC Batch ID	LCS ID	Parameter	Spk Added	LCS Result	LCS % Rec	LCS Result	LCS % Rec	RPD	RPD Limit	% Rec Limit
QbCBOD111325	GGA111325	CBOD	198	209	106	219	111	4.7	20	85-115
QbTSS111325B	TSS111325	TSS	500	501	100	518	104	3.3	20	80-120
QbTDS111325	TDS111325	TDS	500	452	90	478	95	5.2	20	80-120
QbALK111825	ALK111825	Alkalinity	100	103	103					80-120
QbCON112025	CON112025	Conductivity	717.5	712	99.2					80-120
QbIC112125	112125	Chloride	5.0	4.76	95.3	4.67	93.4	1.9	20	90-110
		Sulfate	5.0	4.69	93.8	4.6	92	1.9	20	90-110
		Nitrate	5.0	4.91	98.3	4.85	97	1.3	20	90-110
		Nitrite	5.0	4.86	97.1	5	95.2	2	20	90-110

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Client: Zapata County Water Works
 605 N Hwy 83, Suite D
 Zapata, TX 78076

Attn: Mr. Eloy Chapa Jr. (956-290-4553)
 Phone: 956-765-9977
 E-Mail: zapatawastewater@yahoo.com

Reporting Date: 11/24/2025
 Sample Matrix: Wastewater
 Date Collected: 11/13/25
 Time Collected: 8:05 am
 Collected by: Mr. Meliton Valadez
 Date Received: 11/13/25
 Time Received: 10:15 am
 CHEMTEX File #: C25110175

RESULTS OF ANALYSIS

PROJECT: WWTP Effluent Permit Renewal
 Site/Location: WWTP, Chihuahua

CHEMTEX ID	Sample ID	Parameter	Units	Results	RL
C25110175A	Effluent	DO	mg/L	6.09	—
		pH	Units	7.1	—
		TRC	mg/L	2.5	0.05
C25110175B	Effluent	CBOD	mg/L	15	2
		TSS	mg/L	<4	4
		TDS	mg/L	735	4
		*Alkalinity	mg CaCO ₃ /L	119	2
		*Electrical Conductivity	(µmhos/cm)	1168	2
C25110175C	Effluent	*Chloride	mg/L	176.92	10
		*Sulfate	mg/L	228.12	10
		*Nitrate-N	mg/L	12.04	10
		Nitrite		<0.25	0.25
C25110175D	Effluent	*Ammonia-N	mg/L	0.56	0.1
		*Total Kjeldhal Nitrogen (T	mg/L	3.15	1.0
		*Total Phosphorus	mg/L	2.078	0.25
C25110175E	Effluent	*Oil & Grease	mg/L	<5.0	5.0
C25110175F	Effluent	E.Coli	CFU/100ml	<2	5
		Enterococci	CFU/100ml	6	5

RL(Reporting Limit) values in our report are our lowest analyses limits, not the Reporting Limits to report to any Governmental Agencies.

*Analysis performed at CHEMTEX, Sulphur, LA a NELAP accredited Laboratory (T104704461)

Analysis performed & report generated at CHEMTEX, Corpus Christi, TX. NELAP Accredited Laboratory (T104704259).

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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: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

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: N/A

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).

N/A

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).

N/A

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: Arroyo Miguel

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☒ Lake or Pond

Surface area, in acres: 87.175

Average depth of the entire water body, in feet: 125

Average depth of water body within a 500-foot radius of discharge point, in feet: 12

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☒ Other, specify: Existing Arroyo-Creek

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: Click to enter text.

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.

N/A

E. Normal dry weather characteristics

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

Dry

Date and time of observation: 09/05/2025

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.

- | | |
|---|--|
| <input type="checkbox"/> Oil field activities | <input type="checkbox"/> Urban runoff |
| <input checked="" type="checkbox"/> Upstream discharges | <input type="checkbox"/> Agricultural runoff |
| <input type="checkbox"/> Septic tanks | <input type="checkbox"/> 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 checked="" type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation |
| <input checked="" type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |
| <input checked="" 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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs - non-categorical, and Other IUs.

If there are no users, enter 0 (zero).

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: N/A

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: N/A

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: N/A

B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

☐ Yes ☒ No

If yes, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

N/A

C. Treatment plant pass through

In the past three years, has your POTW experienced pass through (see instructions)?

☐ Yes ☒ No

If **yes**, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

N/A

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If **yes**, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

If **yes**, complete Section 2.c. and 2.d. only, and skip Section 3.

If **no to either question above**, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 87)

A. Substantial modifications

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

☐ Yes ☐ No

If **yes**, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

B. Non-substantial modifications

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

☐ Yes ☐ No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

C. Effluent parameters above the MAL

In Table 6.0(1), list all parameters measured above the MAL in the POTW's effluent monitoring during the last three years. Submit an attachment if necessary.

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

☐ Yes ☐ No

If **yes**, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

Click to enter text.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 88)

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

N/A

C. Product and service information

Provide a description of the principal product(s) or services performed.

N/A

D. Flow rate information

See the Instructions for definitions of “process” and “non-process wastewater.”

Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☒ Continuous ☒ Batch ☒ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A

Discharge Type: ☒ Continuous ☒ Batch ☒ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the instructions?

☐ Yes ☐ No

Is the SIU or CIU subject to categorical pretreatment standards found in *40 CFR Parts 405-471*?

☐ Yes ☐ No

If subject to categorical pretreatment standards, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: N/A

Click or tap here to enter text. N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

F. Industrial user interruptions

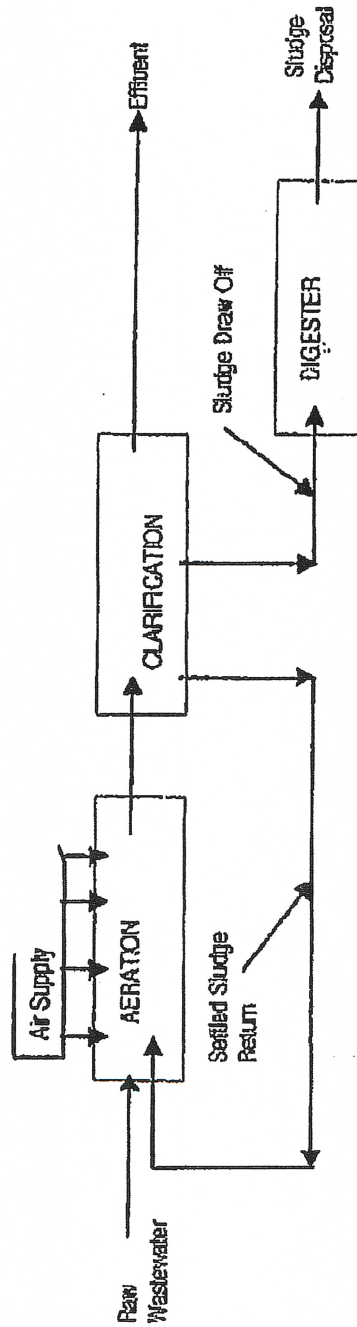
Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

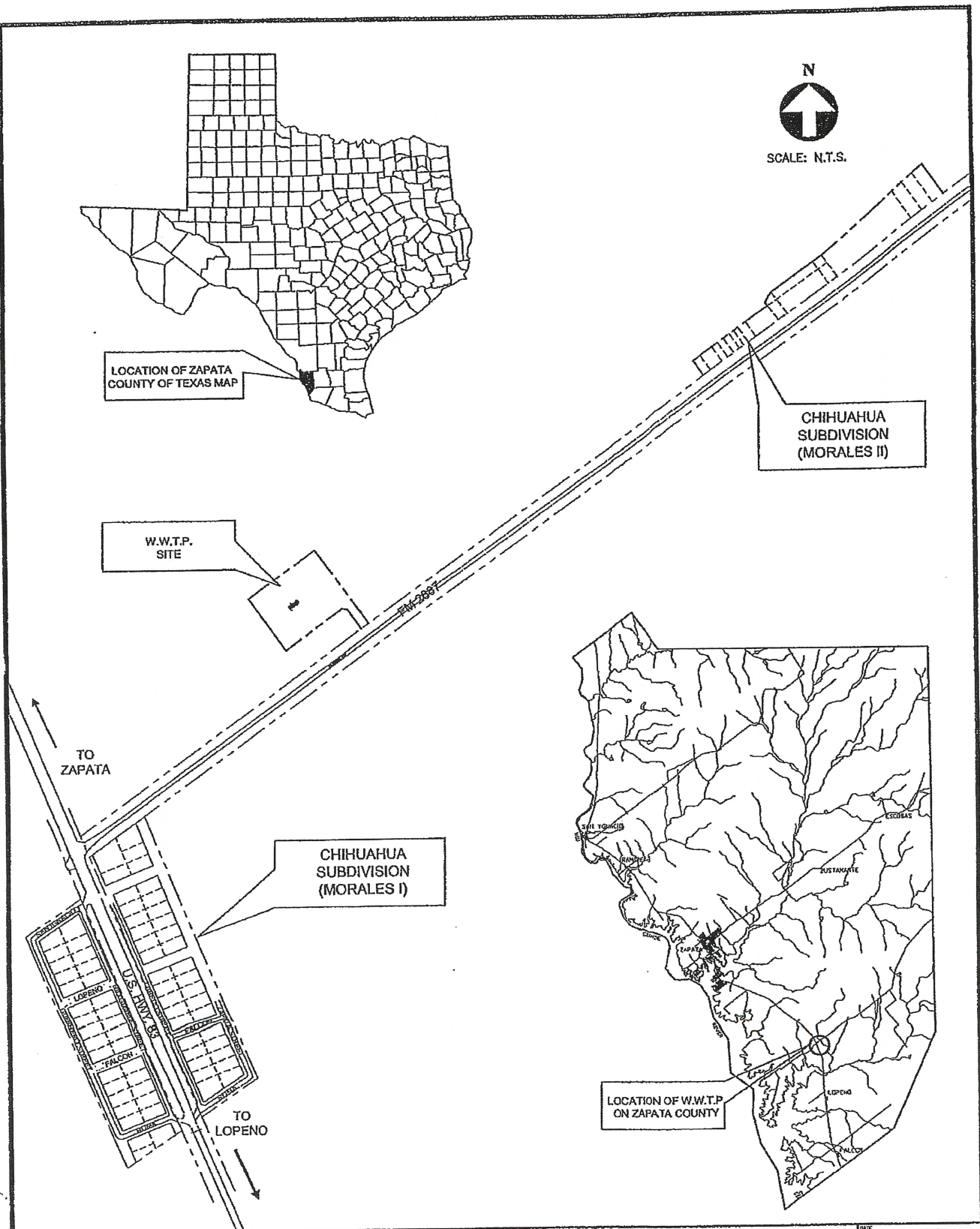
☐ Yes ☒ No

If yes, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

N/A

Attachments for Technical Report 1.0





SCALE: N.T.S.

LOCATION OF ZAPATA
COUNTY OF TEXAS MAP

CHIHUAHUA
SUBDIVISION
(MORALES II)

W.W.T.P.
SITE

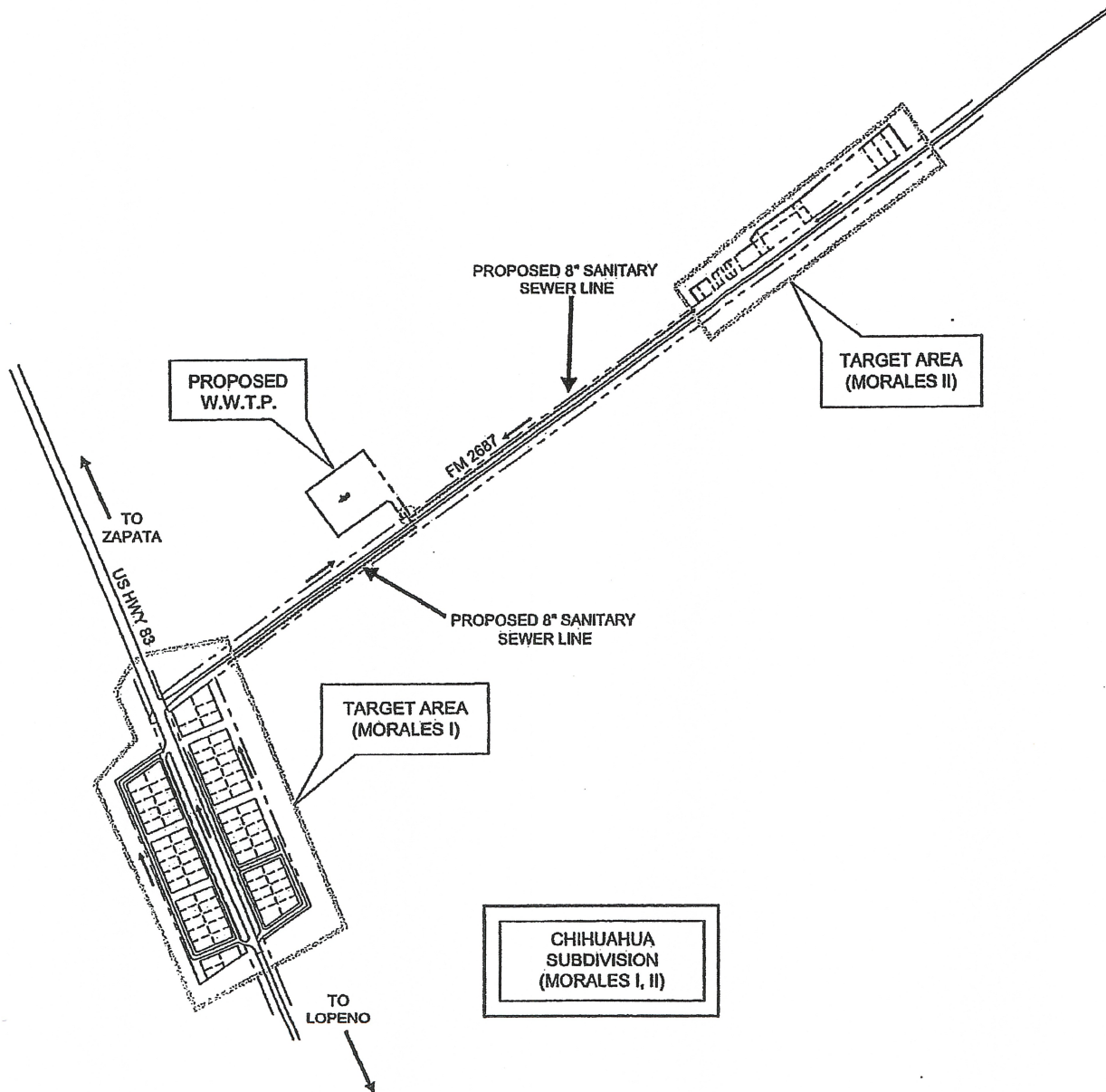
CHIHUAHUA
SUBDIVISION
(MORALES I)

LOCATION OF W.W.T.P.
ON ZAPATA COUNTY

SCALE N.T.S.	DESIGNED BY J.B.C.	CHECKED BY O.R.	PHASE II CHIHUAHUA SUBDIVISION (MORALES I & II)	LOCATION OF W.W.T.P.	FOSTER P.H. (500) 723-3451 FAX (505) 723-6002 1004 HILLSIDE RD. ENGINEERING COMPANY LAREDO, TX 78041	DATE NOV. 11, 2001
SHEET NO. 1 of 1	ORDERED BY O.R.	FILE NAME CHIHUAHUA.FEM/ALP				STATUS FINAL
						PLOTS 11/11/2001
						AS-BUILT -



SCALE: 1"=1000'



SCALE 1" = 1000'	DRAWN BY J.B.C.	SHEET TITLE PHASE II ZAPATA CHIHUAHUA SUBDIVISION (MORALES I, II)	TARGET AREA CHIHUAHUA SEWER PROJECT	DATE Nov 11, 2004
SHEET NO. 1 of 1	CHECKED BY O.R.	FILE NAME CHIHUAHUA1A.dwg	FOSTER ENGINEERING COMPANY PH. (954) 723-3451 FAX (954) 723-6902 100+ HILLSIDE RD. LAREDO, TX 78041	REVISED -- STATUS FINAL PLOTED 11/11/2004 AL-BAL



5401 MCPHERSON ROAD STE 9 ♦ P.O.BOX 452048 ♦ LAREDO, TX 78045 ♦ PH (956)717-1199 ♦ FAX (956)717-1196

Rachel Ellis
Applications Review and Processing Team (MC-148)
Water Quality Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

December 11, 2025

Re: Application to Renew Permit No.: WQ0010462002 (EPA I.D. No. TX0132942)
Applicant Name: Zapata County (CN600334429)
Site Name: Zapata County Chihuahua WWTP (RN104459573)
Type of Application: Renewal Without Changes

VIA EMAIL

Dear Miss Ellis:

Please see our response to your letter dated December 10, 2025 below in corresponding numerical order to your comments:

1. Complete Application was mailed on November 26, 2025 via USPS Express Mail to:
Executive Director
Applications Review and Processing Team (MC148)
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753
2. NORI portion looks correct.
3. Please see attached Municipal Discharge Renewal Spanish NORI.

This concludes our response to your letter dated December 10, 2025. Please let us know if you have any questions or wish to discuss our response letter further.

Sincerely,
PREMIER Civil Engineering, LLC

A handwritten signature in black ink that reads "Miguel Angel". The signature is written in a cursive, flowing style.

Miguel Angel Martinez Jr., E.I.T., MBA.
Engineer in Training



5401 MCPHERSON ROAD STE 9 ♦ P.O.BOX 452048 ♦ LAREDO, TX 78045 ♦ PH (956)717-1199 ♦ FAX (956)717-1196

re

Enclosures(s)

Attachment 1 – Municipal Discharge Renewal Spanish NORI

Cc: Mr. Armando Guerra, P.E., Engineering Manager, Premier Civil Engineering, 5401 Mcpherson Road, Suite 9, Laredo, Texas 78041.

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. *El condado de Zapata, 605 Carretera U.S. 83 Norte, Suite D, Zapata, Texas 78076,* ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0010462002 (EPA I.D. No. TX0132942) 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 *17,500* galones por día. La planta está ubicada *aproximadamente a 1,600 pies al este de la intersección de la Carretera Estatal 83 y la carretera Farm-to-Market 2687, cerca de la ciudad de Chihuahua* en el Condado de *Zapata*, Texas *78076*. La ruta de descarga es del sitio de la planta a *Arroyo Miguel, y de allí al Embalse Internacional Falcón*. La TCEQ recibió esta solicitud el *1 (Primero) de Diciembre, 2025*. La solicitud para el permiso estará disponible para leerla y copiarla en *Zapata County Waterworks, vestíbulo, 605 Carretera U.S. 83 Norte, Suite D, Zapata, 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=-99.118888,26.784444&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 *Condado de Zapata* a la dirección indicada arriba o llamando a *el señor Ralph Trevino, Director de Obras Públicas* al 956-765-9975.

Fecha de emisión: *[Date notice issued]*