



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

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

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

Forth Hancock Water Control and Improvement District (CN600629604) operates Fort Hancock Wastewater Treatment Facility (RN101720787), an evaporative pond facility. The facility is located at 101 Mason Street, in Fort Hancock, Hudspeth County, Texas 79839. Fort Hancock Water Control and Improvement District is applying for renewal to discharge 452,000 gallons per day of treated domestic wastewater in the Final Phase.

Discharges from the facility are expected to contain BOD5, Carbonaceous BOD5, Total Suspended Solids, and E. coli. Domestic sewage effluent is treated by evaporative ponds through aeration.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Forth Hancock Water Control and Improvement District (CN600629604) opera Fort Hancock Wastewater Treatment Facility (RN101720787), una **instalación de estanque evaporativo**. La instalación está ubicada en 101 Mason Street, en Fort Hancock, Condado de Hudspeth, Texas 79839. Fort Hancock Water Control and Improvement District está solicitando la renovación para descargar 452.000 galones por día de aguas residuales domésticas tratadas en la Fase Final.

Se espera que las descargas de la instalación contengan BOD5, Carbonaceous BOD5, solidos suspendidos totales, and E. coli.. **Efluentes de aguas residuales domésticas**. **está** tratado por estanques de evaporación mediante aireación .

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0011173001

APPLICATION. Fort Hancock Water Control and Improvement District, P.O. Box 65, Fort Hancock, Texas 79839, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0011173001 (EPA I.D. No. TX0129038) to authorize the disposal of treated wastewater via evaporation at a daily average flow not to exceed 33,000 gallons per day in the Interim Phase and the discharge of treated wastewater at a volume not to exceed a daily average flow of 452,000 gallons per day in the Final phase. The domestic wastewater treatment facility is located at 101 Mason Street, in Hudspeth County, Texas 79839. The discharge route is from the plant site via pipe to manhole, thence to School Drain, thence to Middle Drain, thence to River Drain, thence to Rio Grande River Below Riverside Diversion Dam. TCEQ received this application on October 10, 2025. The permit application will be available for viewing and copying at Fort Hancock Water Control and Improvement District, Lobby, 1050 South Knox Avenue, Fort Hancock, in Hudspeth County, Texas prior to the date this notice is published in the newspaper. The application is available for viewing and copying 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=-105.841666,31.283055&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 Fort Hancock Water Control and Improvement District at the address stated above or by calling Mr. Jorge Saldana, Operator, at 915-769-3931.

Issuance Date: November 3, 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. WQ0011173001

SOLICITUD. Fort Hancock Water Control and Improvement District, P.O. Box 65, Fort Hancock, Texas 79839, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0011173001 (EPA I.D. No. TX 0129038) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la eliminación de aguas residuales tratadas mediante evaporación a un caudal medio diario que no exceda los 33.000 galones por día en la Fase Interina y la descarga de aguas residuales tratadas en un volumen que no exceda un flujo promedio diario de 452.000 galones por día en la fase final. La planta está ubicada 101 Mason Street en el Condado de Hudspeth, Texas 79839. La ruta de descarga es del sitio de la planta a través de una tubería hasta una alcantarilla, de ahí a School Drain, de ahí a Middle Drain, de ahí a River Drain, de ahí al río Grande, aguas abajo de la presa de derivación de Riverside. La TCEQ recibió esta solicitud el 10 de octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Fort Hancock Water Control and Improvement District, Lobby, 1050 South Knox Avenue, Fort Hancock, en el Condado de Hudspeth, 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=-105.841666,31.283055&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 todos 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 Fort Hancock Water Control and Improvement District a la dirección indicada arriba o llamando a Sr. Jorge Saldana, operador, al 915-769-3931.

Fecha de emisión: el 3 de noviembre de 2025



Engineering Solutions

10/9/2025

Via Hand Delivery

Texas Commission on Environmental Quality
Attn: Water Quality Division
Application Review and Processing Team
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

**Re: Fort Hancock Water Control and Improvements District
Domestic Wastewater Permit Application
Permit No. WQ00 11173001
TRE No.: 1732-12671-52**

To whom it may concern:

Enclosed please find the renewal application for the referenced permit for Fort Hancock Water Control and Improvements District. Included in this application package is the Administrative Report, Technical Report, supporting documents and fees. There are no amendments being requested to the permit at this time.

If you should have any questions or require additional information, please contact me at (512) 358-4049 or email nganser@tr-eng.com. Thank you in advance for your assistance on this matter.

Sincerely,

TRE & ASSOCIATES, LLC

Nadia E. Ganser, P.E.
Project Manager

NG:ja
Enclosures

cc: Jack Holt; Fort Hancock WCID (without attachments)
Mr. Weber Wallerstein, E.I.T.; TRE & Associates, LLC
Mr. Adrian Rosas, P.E.; TRE & Associates, LLC
TRE & Associates, LLC – File





FORT HANCOCK WATER CONTROL AND IMPROVEMENT DISTRICT

**DOMESTIC WASTEWATER PERMIT
RENEWAL APPLICATION**

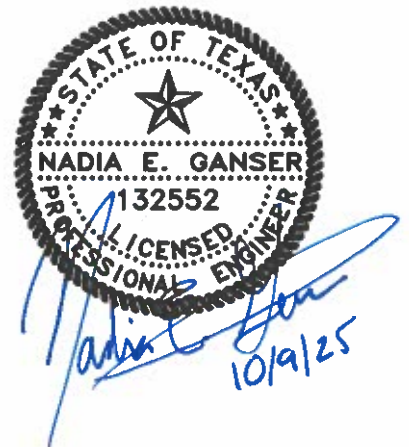
Submitted To:

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Prepared By:

**TRE & ASSOCIATES, LLC
6101 W. Courtyard Dr., Bldg. 1, Ste. 100
Austin, Texas 78730**

OCTOBER 2025





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Fort Hancock WCID

PERMIT NUMBER (If new, leave blank): WQ001117301

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

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

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 ☐	\$315.00 ☐
≥0.05 but <0.10 MGD	\$550.00 ☐	\$515.00 ☐
≥0.10 but <0.25 MGD	\$850.00 ☐	\$815.00 ☐
≥0.25 but <0.50 MGD	\$1,250.00 ☐	\$1,215.00 ☒
≥0.50 but <1.0 MGD	\$1,650.00 ☐	\$1,615.00 ☐
≥1.0 MGD	\$2,050.00 ☐	\$2,015.00 ☐

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 2786
Check/Money Order Amount: \$1,215.00
Name Printed on Check: Fort Hancock WCID

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 <u>with</u> Renewal | ☐ Minor Amendment <u>with</u> Renewal |
| ☐ Major Amendment <u>without</u> Renewal | ☐ Minor Amendment <u>without</u> Renewal |
| ☒ Renewal without changes | ☐ Minor Modification of permit |

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

f. **For existing permits:**

Permit Number: WQ00 11173001

EPA I.D. (TPDES only): TX 0129038

Expiration Date: 05/28/2026

Section 3. Facility Owner (Applicant) and Co-Applciant 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?

Fort Hancock Water Control and Improvement District

(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: 600629604

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: Holt, Jack

Title: President

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

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

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

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. 1

Section 4. Application Contact Information (Instructions Page 27)

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

- A. Prefix: Ms. Last Name, First Name: Ganser, Nadia E.
Title: Project Manager Credential: P.E.
Organization Name: TRE & Associates, LLC
Mailing Address: 6101 W. Courtyard Dr., Bldg. 1, Suite 100
City, State, Zip Code: Austin, TX 78730
Phone No.: (512) 358 - 4049 E-mail Address: nganser@tr-eng.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact
- B. Prefix: Mr. Last Name, First Name: Wallerstein, Weber
Title: Project Manager Credential: E.I.T.
Organization Name: TRE & Associates, LLC
Mailing Address: 6101 W. Courtyard Dr., Bldg. 1, Suite 100
City, State, Zip Code: Austin, TX 78730
Phone No.: (512) 358 - 4049 E-mail Address: wwallerstein@tr-eng.com
Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

- A. Prefix: Ms. Last Name, First Name: Ganser, Nadia E.
Title: Project Manager Credential: P.E.
Organization Name: TRE & Associates, LLC

Mailing Address: 6101 W. Courtyard Dr., Bldg. 1, Suite 100

City, State, Zip Code: Austin, TX 78730

Phone No.: (512) 358 - 4049

E-mail Address: wwallerstein@tr-eng.com

B. Prefix: Mr.

Last Name, First Name: Wallerstein, Weber

Title: Project Manager

Credential: E.I.T.

Organization Name: TRE & Associates, LLC

Mailing Address: 6101 W. Courtyard Dr., Bldg 1, Suite 100

City, State, Zip Code: Austin, TX 78730

Phone No.: (512) 358 - 4049

E-mail Address: wwallerstein@tr-eng.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: Holt, Jack

Title: President

Credential: Click to enter text.

Organization Name: Fort Hancock Water Control and Improvement District

Mailing Address: P.O. Box 65

City, State, Zip Code: Fort Hancock, TX 79839-0065

Phone No.: (915) 769 - 3931

E-mail Address: fthwcid1@yahoo.com

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: Saldana, Jorge

Title: Operator

Credential: Click to enter text.

Organization Name: Fort Hancock Water Control and Improvement District

Mailing Address: P.O. Box 65

City, State, Zip Code: Fort Hancock, TX 79839-0065

Phone No.: (915) 769 - 3931

E-mail Address: fthwcid1@yahoo.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr.

Last Name, First Name: Saldana, Jorge

Title: Operator

Credential: Click to enter text.

Organization Name: Fort Hancock Water Control and Improvement District

Mailing Address: P.O. Box 65

City, State, Zip Code: Fort Hancock, TX 79839-0065

Phone No.: (915) 769-3931

E-mail Address: fthwcid1@yahoo.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: Saldana, Jorge

Title: Operator

Credential: Operator

Organization Name: Fort Hancock Water Control and Improvement District

Mailing Address: P.O. Box 65

City, State, Zip Code: Fort Hancock, TX 79839-0065

Phone No.: (915) 769 - 3931

E-mail Address: fthwcid1@yahoo.com

D. Public Viewing Information

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

Public building name: Fort Hancock Water Control and Improvement District

Location within the building: Lobby

Physical Address of Building: 1050 South Knox Avenue

City: Fort Hancock

County: Hudspeth

Contact (Last Name, First Name): Saldana, Jorge

Phone No.: (915) 769 - 3931 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: 2

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 101720787

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):

Fort Hancock Wastewater Treatment Facility

C. Owner of treatment facility: Fort Hancock Water Control and Improvement District

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: Fort Hancock Water Control and Improvement District

Mailing Address: P.O. Box 65 City, State, Zip Code: Fort Hancock, TX 79839-0065

Phone No.: (915) 769 - 3931 E-mail Address: fthwcid1@yahoo.com

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: Fort Hancock Water Control and Improvement District

Mailing Address: P.O. Box 65

City, State, Zip Code: Fort Hancock, TX 79839-0065

Phone No.: (915) 769 - 3931

E-mail Address: fthwcid1@yahoo.com

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): Fort Hancock

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

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: Fort Hancock

- C. County in which the disposal site is located: Hudspeth

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

Effluent is transported by 6" pipes to a manhole which discharges into School Drain.

- E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Segment No. 2307 of Rio Grande Basin

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: N/A

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: WQ001173001

Applicant: Fort Hancock Water Control and Improvement District

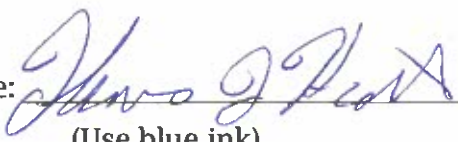
Certification:

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.

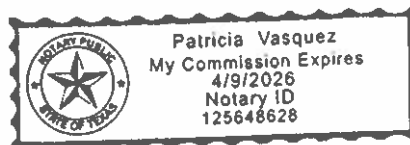
Signatory name: Thomas Jack Holt

Signatory title: Board President

Signature:  Date: August 11, 2025
(Use blue ink)

Subscribed and Sworn to before me by the said Thomas Jack Holt
on this 11th day of August, 2025.
My commission expires on the 9th day of April, 2026.


Notary Public



Hudspeth
County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☐ The applicant's property boundaries
 - ☐ The facility site boundaries within the applicant's property boundaries
 - ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☐ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☐ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☐ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. ☐ Indicate by a check mark that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).
- D. Provide the source of the landowners' names and mailing addresses: [Click to enter text.](#)
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- ☐ Yes ☐ No

If **yes**, provide the location and foreseeable impacts and effects this application has on the land(s):

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

Provide original ground level photographs. Indicate with checkmarks that the following information is provided.

- ☐ At least one original photograph of the new or expanded treatment unit location
- ☐ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.
- ☐ At least one photograph of the existing/proposed effluent disposal site
- ☐ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 38)

A. Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.

- The applicant's property boundary;
- The required buffer zone; and
- Each treatment unit; and
- The distance from each treatment unit to the property boundaries.

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

- ☐ Ownership
- ☐ Restrictive easement
- ☐ Nuisance odor control
- ☐ Variance

C. Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

- ☐ Yes ☐ No

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: 3

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

Prefix (Mr., Ms., Miss): [Click to enter text.](#)

Full legal name (Last Name, First Name, Middle Initial): [Click to enter text.](#)

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

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

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

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

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

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

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.033

2-Hr Peak Flow (MGD): 0.0117

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

B. Interim II Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.452

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: Click to enter text.

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.**

Domestic wastewater is routed toward a lift station by an existing pipe network. The wastewater is then conveyed via a 4" force main to 3 evaporative ponds for treatment and aeration. The treated effluent is then conveyed by a 6" PVC pipe to a manhole which discharges to the existing School Drain, thence Middle Drain, thence River Drain and ultimately to Rio Grande Below Riverside Dam in Segment number 2307 of the Rio Grande Basin.

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)
Evaporation	3	460' x 170' x 12'

C. Process Flow Diagram

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

Attachment: 4A and 4B

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

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

- Latitude: 31° 16' 59.24" N
- Longitude: 105° 50' 30.62" W

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

- Latitude: 31° 16' 59.24" N
- Longitude: 105° 50' 30.62" W

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: 5A and 5B

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

The Fort Hancock Treatment Facility serves a portion of the City of Fort Hancock in Hudspeth County, 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
Fort Hancock Wastewater Treatment Facility	Fort Hancock Water Control and Improvement District	Publicly Owned	Approx. 1052
		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.**

See Attachment 6

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: Approx. 1985

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*.

Click to enter text.

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.

N/A

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.

N/A

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.

N/A

E. Stormwater management

1. Applicability

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. MSGP coverage

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

☐ Yes ☒ No

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

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

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

☐ Yes ☒ No

3. Conditional exclusion

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

☐ Yes ☒ No

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

Click to enter text.

4. Existing coverage in individual permit

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

☐ Yes ☒ No

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

Click to enter text.

5. Zero stormwater discharge

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

☐ Yes ☒ No

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

Click to enter text.

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

6. Request for coverage in individual permit

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

☐ Yes ☒ No

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

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

[Click to enter text.](#)

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

[Click to enter text.](#)

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

[Click to enter text.](#)

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	23.4		1	Grab	9/2/2025
Total Suspended Solids, mg/l	68.8		1	Grab	9/2/2025
Ammonia Nitrogen, mg/l	4.93		1	Grab	9/2/2025
Nitrate Nitrogen, mg/l	5		1	Grab	9/2/2025
Total Kjeldahl Nitrogen, mg/l	15.7		1	Grab	9/2/2025
Sulfate, mg/l	81.1		1	Grab	9/2/2025
Chloride, mg/l	200		1	Grab	9/2/2025
Total Phosphorus, mg/l	1.92		1	Grab	9/2/2025
pH, standard units	8.8		1	Grab	9/2/2025
Dissolved Oxygen*, mg/l	3.92		1	Grab	9/2/2025
Chlorine Residual, mg/l	<0.05		1	Grab	9/2/2025
<i>E.coli</i> (CFU/100ml) freshwater	>2419.6		1	Grab	9/2/2025
Enterococci (CFU/100ml) saltwater	N/A		N/A	N/A	N/A
Total Dissolved Solids, mg/l	660		1	Grab	9/2/2025
Electrical Conductivity, μ mohs/cm, †	992		1	Grab	9/2/2025
Oil & Grease, mg/l	<5		1	Grab	9/2/2025
Alkalinity (CaCO ₃)*, mg/l	80		1	Grab	9/2/2025

*TPDES permits only

†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Jorge Saldana

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

Facility Operator's License Number: WW0047548

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: None

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
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: N/A

TCEQ permit or registration number: [Click to enter text.](#)

County where disposal site is located: [Click to enter text.](#)

E. Transportation method

Method of transportation (truck, train, pipe, other): N/A

Name of the hauler: [Click to enter text.](#)

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

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	☐	Yes	☒	No
Marketing and Distribution of Biosolids	☐	Yes	☒	No
Sludge Surface Disposal or Sludge Monofill	☐	Yes	☒	No
Temporary storage in sludge lagoons	☐	Yes	☒	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:

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

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

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

Printed Name: Jorge Saldana

Title: Wastewater Treatment Operator

Signature: Jorge Saldana

Date: 8/11/2025

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

The following information is required for new and amendment major applications.

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

Provide a detailed discussion regarding the need for any phase(s) not currently permitted. Failure to provide sufficient justification may result in the Executive Director recommending denial of the proposed phase(s) or permit.

[Click to enter text.](#)

B. Regionalization of facilities

For additional guidance, please review [TCEQ's Regionalization Policy for Wastewater Treatment](#)¹.

Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities:

1. *Municipally incorporated areas*

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas.

Is any portion of the proposed service area located in an incorporated city?

☐ Yes ☐ No ☐ Not Applicable

If yes, within the city limits of: [Click to enter text.](#)

If yes, attach correspondence from the city.

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

If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attached.

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

2. *Utility CCN areas*

Is any portion of the proposed service area located inside another utility's CCN area?

☐ Yes ☐ No

¹ <https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater>

If **yes**, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion.

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

3. *Nearby WWTPs or collection systems*

Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility?

☐ Yes ☐ No

If **yes**, attach a list of these facilities and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems.

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

If **yes**, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system.

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

If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion.

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

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☐ No

If **no**, proceed to Item B, Proposed Organic Loading.

If **yes**, provide organic loading information in Item A, Current Organic Loading

A. Current organic loading

Facility Design Flow (flow being requested in application): [Click to enter text.](#)

Average Influent Organic Strength or BOD₅ Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): [Click to enter text.](#)

Provide the source of the average organic strength or BOD₅ concentration.

[Click to enter text.](#)

B. Proposed organic loading

This table must be completed if this application is for a facility that is not in operation or if this application is to request an increased flow that will impact organic loading.

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources		
AVERAGE BOD ₅ from all sources		

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 58)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: [Click to enter text.](#)

Total Suspended Solids, mg/l: [Click to enter text.](#)

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

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

Dissolved Oxygen, mg/l: [Click to enter text.](#)

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

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: [Click to enter text.](#)

Total Suspended Solids, mg/l: [Click to enter text.](#)

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

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

Dissolved Oxygen, mg/l: [Click to enter text.](#)

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

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: [Click to enter text.](#)

Total Suspended Solids, mg/l: [Click to enter text.](#)

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

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

Dissolved Oxygen, mg/l: [Click to enter text.](#)

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

D. Disinfection Method

Identify the proposed method of disinfection.

- ☐ Chlorine: [Click to enter text.](#) mg/l after [Click to enter text.](#) minutes detention time at peak flow

Dechlorination process: [Click to enter text.](#)

- ☐ Ultraviolet Light: [Click to enter text.](#) seconds contact time at peak flow
- ☐ Other: [Click to enter text.](#)

Section 4. Design Calculations (Instructions Page 58)

Attach design calculations and plant features for each proposed phase. Example 4 of the instructions includes sample design calculations and plant features.

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

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

Will the proposed facilities be located above the 100-year frequency flood level?

- ☐ Yes ☐ No

If **no**, describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures.

[Click to enter text.](#)

Provide the source(s) used to determine 100-year frequency flood plain.

[Click to enter text.](#)

For a new or expansion of a facility, will a wetland or part of a wetland be filled?

☐ Yes ☐ No

If **yes**, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?

☐ Yes ☐ No

If **yes**, provide the permit number: [Click to enter text.](#)

If **no**, provide the approximate date you anticipate submitting your application to the Corps: [Click to enter text.](#)

B. Wind rose

Attach a wind rose: [Click to enter text.](#)

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 59)

A. Beneficial use authorization

Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit?

☐ Yes ☐ No

If **yes**, attach the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)**: [Click to enter text.](#)

B. Sludge processing authorization

Identify the sludge processing, storage or disposal options that will be conducted at the wastewater treatment facility:

- ☐ Sludge Composting
- ☐ Marketing and Distribution of sludge
- ☐ Sludge Surface Disposal or Sludge Monofill

If **any of the above**, sludge options are selected, attach the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)**: [Click to enter text.](#)

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 60)

Attach a solids management plan to the application.

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

The sewage sludge solids management plan must contain the following information:

- Treatment units and processes dimensions and capacities

- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

An example of a sewage sludge solids management plan has been included as Example 5 of the instructions.

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☐ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: School Drain

A. Receiving water type

Identify the appropriate description of the receiving waters.

- ☐ Stream
- ☐ Freshwater Swamp or Marsh
- ☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

- ☒ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify: Click to enter text.

B. Flow characteristics

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

- ☒ Intermittent - dry for at least one week during most years
- ☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses
- ☐ Perennial - normally flowing

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

- ☐ USGS flow records
- ☐ Historical observation by adjacent landowners
- ☒ Personal observation
- ☐ Other, specify: 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.

School Drain, Middle Drain, River Drain, Rio Grande Below Diversion Dam

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

The School Drain has low level water and very little to no flow.

Date and time of observation: September 3, 2025 at 2:30 PM

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☒ Agricultural runoff

☐ Septic tanks

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

B. Waterbody uses

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

- | | |
|---|--|
| ☐ Livestock watering | ☐ Contact recreation |
| ☒ Irrigation withdrawal | ☐ Non-contact recreation |
| ☐ Fishing | ☐ Navigation |
| ☐ Domestic water supply | ☐ Industrial water supply |
| ☐ Park activities | ☐ 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 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 65)

Date of study: [Click to enter text.](#) Time of study: [Click to enter text.](#)

Stream name: [Click to enter text.](#)

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

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: [Click to enter text.](#)

Number of stream bends that are moderately defined: [Click to enter text.](#)

Number of stream bends that are poorly defined: [Click to enter text.](#)

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

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

[Click to enter text.](#)

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	Transect location	Water surface width (ft)	Stream depths (ft) at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
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.			

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: [Click to enter text.](#)

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): [Click to enter text.](#)

Length of stream evaluated, in feet: [Click to enter text.](#)

Number of lateral transects made: [Click to enter text.](#)

Average stream width, in feet: [Click to enter text.](#)

Average stream depth, in feet: [Click to enter text.](#)

Average stream velocity, in feet/second: [Click to enter text.](#)

Instantaneous stream flow, in cubic feet/second: [Click to enter text.](#)

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): [Click to enter text.](#)

Size of pools (large, small, moderate, none): [Click to enter text.](#)

Maximum pool depth, in feet: [Click to enter text.](#)

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

Section 1. Type of Disposal System (Instructions Page 67)

Identify the method of land disposal:

- | | |
|---|--|
| ☐ Surface application | ☐ Subsurface application |
| ☐ Irrigation | ☐ Subsurface soils absorption |
| ☐ Drip irrigation system | ☐ Subsurface area drip dispersal system |
| ☒ Evaporation | ☐ Evapotranspiration beds |
| ☐ Other (describe in detail): Click to enter text. | |

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: RN101720787

Section 2. Land Application Site(s) (Instructions Page 67)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 67)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
1	1.79		460'X170'	Clay
2	1.79		460'X170'	Clay
3	1.79		460'X170'	Clay

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: z

Section 4. Flood and Runoff Protection (Instructions Page 67)

Is the land application site within the 100-year frequency flood level?

☐ Yes ☒ No

If yes, describe how the site will be protected from inundation.

Click to enter text.

Provide the source used to determine the 100-year frequency flood level:

Flood Insurance Rate Map, Panel No. 480361 0800B Nov. 1985

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

The site is currently graded to sheet flow in a southwesterly direction toward man made canals. The site will be graded to capture runoff in a separate retention pond in the future final phase.

Section 5. Annual Cropping Plan (Instructions Page 67)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment: 8**

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 68)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment: 9**

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
4842733	Unused	N	Capped.	Meeting Appropriate Buffers
4842703	Plugged	N	Plugged.	Meeting Appropriate Buffers
4842718	Irrigation	N	Capped.	Meeting Appropriate Buffers
4842717	Unused	N	Plugged	Meeting Appropriate Buffers
298522	Irrigation	N	Unknown	Meeting Appropriate Buffers

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: See Attached Well Logs

Section 7. Groundwater Quality (Instructions Page 68)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: N/A

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? ☐ Yes ☒ No

If **yes**, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 69)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: 10

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note:** for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: N/A

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
N/A				

Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

☒ Yes ☐ No

If **no**, this section is not applicable and the worksheet is complete.

If **yes**, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
8/9/2023	0.010	108		8.0		
9/26/2023	0.016	56.2		7.7		
10/24/2023	0.016	93.6		8.2		
11/22/2023	0.012	426		8.3		
12/15/2023	0.016	312		6.9		
1/3/2024	0.010	124		7.9		
2/7/2024	0.021	145		8.5		
3/14/2024	0.031	488		9.2		
4/1/2024	0.020	2800		8.2		
5/7/2024	0.023	24.4		7.5		
6/5/2024	0.006	88.4		9.3		
7/3/2024	0.010	2180		7.5		
8/21/2024	0.012	64.5		8.0		
9/11/2024	0.010	112		8.6		
10/2/2024	0.005	124		8.7		
11/25/2024	0.012	83.2		8.6		
12/3/2024	0.019	69.8		8.3		
1/6/2025	0.027	100		8.1		
2/5/2025	0.023	158		7.9		
3/11/2025	0.010	490		8.4		
4/23/2025	0.016	107		7.61		
5/7/2025	0.006	262		8.4		
6/3/2025	0.002	136		7.9		
7/28/2025	0.008	104		9.0		

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 71)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: [Click to enter text.](#)

Design application frequency:

hours/day [Click to enter text.](#) And days/week [Click to enter text.](#)

Land grade (slope):

average percent (%): [Click to enter text.](#)

maximum percent (%): [Click to enter text.](#)

Design application rate in acre-feet/acre/year: [Click to enter text.](#)

Design total nitrogen loading rate, in lbs N/acre/year: [Click to enter text.](#)

Soil conductivity (mmhos/cm): [Click to enter text.](#)

Method of application: [Click to enter text.](#)

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

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

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: [Click to enter text.](#)

Attach a separate engineering report with the water balance and storage volume calculations.

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

C. Evapotranspiration beds

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

Area of bed(s), in acres: [Click to enter text.](#)

Depth of bed(s), in feet: [Click to enter text.](#)

Void ratio of soil in the beds: [Click to enter text.](#)

Storage volume within the beds, in acre-feet: [Click to enter text.](#)

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

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

D. Overland flow

Area used for application, in acres: [Click to enter text.](#)

Slopes for application area, percent (%): [Click to enter text.](#)

Design application rate, in gpm/foot of slope width: [Click to enter text.](#)

Slope length, in feet: [Click to enter text.](#)

Design BOD₅ loading rate, in lbs BOD₅/acre/day: [Click to enter text.](#)

Design application frequency:

hours/day: [Click to enter text.](#) **And** days/week: [Click to enter text.](#)

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

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

Section 2. Edwards Aquifer (Instructions Page 72)

Is the facility subject to *30 TAC Chapter 213*, Edwards Aquifer Rules?

☐ Yes ☐ No

If **yes**, is the facility located on the Edwards Aquifer Recharge Zone?

☐ Yes ☐ No

If **yes**, attach a geological report addressing potential recharge features.

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal **MUST** complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System*.

Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

- ☐ Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD)
- ☐ Low Pressure Dosing
- ☐ Other, specify: [Click to enter text.](#)

Application area, in acres: [Click to enter text.](#)

Area of drainfield, in square feet: [Click to enter text.](#)

Application rate, in gal/square foot/day: [Click to enter text.](#)

Depth to groundwater, in feet: [Click to enter text.](#)

Area of trench, in square feet: [Click to enter text.](#)

Dosing duration per area, in hours: [Click to enter text.](#)

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

Dosing amount per area, in inches/day: [Click to enter text.](#)

Infiltration rate, in inches/hour: [Click to enter text.](#)

Storage volume, in gallons: [Click to enter text.](#)

Area of bed(s), in square feet: [Click to enter text.](#)

Soil Classification: [Click to enter text.](#)

Attach a separate engineering report with the information required in *30 TAC § 309.20*, excluding the requirements of *§ 309.20 b(3)(A)* and *(B)* design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

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

Section 2. Edwards Aquifer (Instructions Page 73)

Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

- ☐ Yes ☐ No

Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ?

- ☐ Yes ☐ No

If yes to either question, the subsurface system may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

The following is **required** for **new and major amendment** subsurface area drip dispersal system permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal **MUST** complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **meets** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System*.

Section 1. Administrative Information (Instructions Page 74)

A. Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility:

B. [Click to enter text.](#) Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?

☐ Yes ☐ No

If **no**, provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.

[Click to enter text.](#)

C. Owner of the subsurface area drip dispersal system: [Click to enter text.](#)

D. Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?

☐ Yes ☐ No

If **no**, identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.

[Click to enter text.](#)

E. Owner of the land where the subsurface area drip dispersal system is located: [Click to enter text.](#)

F. Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

☐ Yes ☐ No

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

[Click to enter text.](#)

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 74)

A. Type of system

- ☐ Subsurface Drip Irrigation
- ☐ Surface Drip Irrigation
- ☐ Other, specify: [Click to enter text.](#)

B. Irrigation operations

Application area, in acres: [Click to enter text.](#)

Infiltration Rate, in inches/hour: [Click to enter text.](#)

Average slope of the application area, percent (%): [Click to enter text.](#)

Maximum slope of the application area, percent (%): [Click to enter text.](#)

Storage volume, in gallons: [Click to enter text.](#)

Major soil series: [Click to enter text.](#)

Depth to groundwater, in feet: [Click to enter text.](#)

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)?

☐ Yes ☐ No

If **yes**, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day.

Is the facility located **east** of the boundary shown in *30 TAC § 222.83* **or** in any part of the state when the vegetative cover is any crop other than non-native grasses?

☐ Yes ☐ No

If **yes**, the facility must use the formula in *30 TAC §222.83* to calculate the maximum hydraulic application rate.

Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director?

☐ Yes ☐ No

Hydraulic application rate, in gal/square foot/day: [Click to enter text.](#)

Nitrogen application rate, in lbs/gal/day: [Click to enter text.](#)

D. Dosing information

Number of doses per day: [Click to enter text.](#)

Dosing duration per area, in hours: [Click to enter text.](#)

Rest period between doses, in hours: [Click to enter text.](#)

Dosing amount per area, in inches/day: [Click to enter text.](#)

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

Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop?

☐ Yes ☐ No

If **yes**, provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting.

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

Section 3. Required Plans (Instructions Page 74)

A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in *30 TAC §222.79*.

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

B. Soil evaluation

Attach a Soil Evaluation with all information required in *30 TAC §222.73*.

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

C. Site preparation plan

Attach a Site Preparation Plan with all information required in *30 TAC §222.75*.

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

D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in *30 TAC §222.157*.

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

Section 4. Floodway Designation (Instructions Page 75)

A. Site location

Is the existing/proposed land application site within a designated floodway?

☐ Yes ☐ No

B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

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

Section 5. Surface Waters in the State (Instructions Page 75)

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

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

B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

☐ Yes ☐ No

If **yes**, then attach the additional information required in *30 TAC § 222.81(c)*.

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

Section 6. Edwards Aquifer (Instructions Page 75)

A. Is the SADDs located over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

☐ Yes ☐ No

B. Is the SADDs located over the Edwards Aquifer Transition Zone as mapped by TCEQ?

☐ Yes ☐ No

If **yes to either question**, then the SADDs may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

The following **is required** for facilities with a permitted or proposed flow of **1.0 MGD or greater**, facilities with an approved **pretreatment** program, or facilities classified as a **major** facility. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 76)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: [Click to enter text.](#)

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile				50
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform				10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10
Chlorodibromomethane				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chloroform				10
Chlorpyrifos				0.05
Chromium (Total)				3
Chromium (Tri) (*1)				N/A
Chromium (Hex)				3
Copper				2
Chrysene				5
p-Chloro-m-Cresol				10
4,6-Dinitro-o-Cresol				50
p-Cresol				10
Cyanide (*2)				10
4,4'- DDD				0.1
4,4'- DDE				0.1
4,4'- DDT				0.02
2,4-D				0.7
Demeton (O and S)				0.20
Diazinon				0.5/0.1
1,2-Dibromoethane				10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
Dichloromethane				20
1,2-Dichloropropane				10
1,3-Dichloropropene				10
Dicofol				1
Dieldrin				0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10
Diuron				0.09
Endosulfan I (alpha)				0.01

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Epichlorohydrin				---
Ethylbenzene				10
Ethylene Glycol				---
Fluoride				500
Guthion				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)				0.05
Hexachlorocyclohexane (beta)				0.05
gamma-Hexachlorocyclohexane (Lindane)				0.05
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Hexachlorophene				10
4,4'-Isopropylidenediphenol				1
Lead				0.5
Malathion				0.1
Mercury				0.005
Methoxychlor				2
Methyl Ethyl Ketone				50
Methyl tert-butyl ether				---
Mirex				0.02
Nickel				2
Nitrate-Nitrogen				100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine				20
Nonylphenol				333

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Parathion (ethyl)				0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10
Polychlorinated Biphenyls (PCB's) (*3)				0.2
Pyridine				20
Selenium				5
Silver				0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Thallium				0.5
Toluene				10
Toxaphene				0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)				0.01
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
2,4,5-Trichlorophenol				50
TTHM (Total Trihalomethanes)				10
Vinyl Chloride				10
Zinc				5

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable.

(*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: [Click to enter text.](#)

Table 4.0(2)A – Metals, Cyanide, and Phenols

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Antimony				5
Arsenic				0.5
Beryllium				0.5
Cadmium				1
Chromium (Total)				3
Chromium (Hex)				3
Chromium (Tri) (*1)				N/A
Copper				2
Lead				0.5
Mercury				0.005
Nickel				2
Selenium				5
Silver				0.5
Thallium				0.5
Zinc				5
Cyanide (*2)				10
Phenols, Total				10

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein				50
Acrylonitrile				50
Benzene				10
Bromoform				10
Carbon Tetrachloride				2
Chlorobenzene				10
Chlorodibromomethane				10
Chloroethane				50
2-Chloroethylvinyl Ether				10
Chloroform				10
Dichlorobromomethane [Bromodichloromethane]				10
1,1-Dichloroethane				10
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
1,2-Dichloropropane				10
1,3-Dichloropropylene [1,3-Dichloropropene]				10
1,2-Trans-Dichloroethylene				10
Ethylbenzene				10
Methyl Bromide				50
Methyl Chloride				50
Methylene Chloride				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Toluene				10
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
Vinyl Chloride				10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol				10
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene				10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo(a)Anthracene				5
Benzo(a)Pyrene				5
3,4-Benzofluoranthene				10
Benzo(ghi)Perylene				20
Benzo(k)Fluoranthene				5
Bis(2-Chloroethoxy)Methane				10
Bis(2-Chloroethyl)Ether				10
Bis(2-Chloroisopropyl)Ether				10
Bis(2-Ethylhexyl)Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butyl benzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl phenyl ether				10
Chrysene				5
Dibenzo(a,h)Anthracene				5
1,2-(o)Dichlorobenzene				10
1,3-(m)Dichlorobenzene				10
1,4-(p)Dichlorobenzene				10
3,3-Dichlorobenzidine				5
Diethyl Phthalate				10
Dimethyl Phthalate				10
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenylhydrazine (as Azo- benzene)				20
Fluoranthene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene				10
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclo-pentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				5
Isophorone				10
Naphthalene				10
Nitrobenzene				10
N-Nitrosodimethylamine				50
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene				10
Pyrene				10
1,2,4-Trichlorobenzene				10

Table 4.0(2)E - Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin				0.01
alpha-BHC (Hexachlorocyclohexane)				0.05
beta-BHC (Hexachlorocyclohexane)				0.05
gamma-BHC (Hexachlorocyclohexane)				0.05
delta-BHC (Hexachlorocyclohexane)				0.05
Chlordane				0.2
4,4-DDT				0.02
4,4-DDE				0.1
4,4,-DDD				0.1
Dieldrin				0.02
Endosulfan I (alpha)				0.01
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Endrin Aldehyde				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
PCB-1242				0.2
PCB-1254				0.2
PCB-1221				0.2
PCB-1232				0.2
PCB-1248				0.2
PCB-1260				0.2
PCB-1016				0.2
Toxaphene				0.3

* For PCBs, if all are non-detects, enter the highest non-detect preceded by a "<".

Section 3. Dioxin/Furan Compounds

A. Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.

- ☐ 2,4,5-trichlorophenoxy acetic acid
Common Name 2,4,5-T, CASRN 93-76-5
- ☐ 2-(2,4,5-trichlorophenoxy) propanoic acid
Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
- ☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate
Common Name Erbon, CASRN 136-25-4
- ☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate
Common Name Ronnel, CASRN 299-84-3
- ☐ 2,4,5-trichlorophenol
Common Name TCP, CASRN 95-95-4
- ☐ hexachlorophene
Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

[Click to enter text.](#)

B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?

☐ Yes ☐ No

If **yes**, provide a brief description of the conditions for its presence.

[Click to enter text.](#)

C. If any of the compounds in Subsection A **or** B are present, complete Table 4.0(2)F.

For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: [Click to enter text.](#)

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalenc y Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

The following **is required** for facilities with a current operating design flow of **1.0 MGD or greater**, with an EPA-approved **pretreatment** program (or those required to have one under 40 CFR Part 403), or are required to perform Whole Effluent Toxicity testing. See Page 86 of the instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

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

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

Section 2. Toxicity Reduction Evaluations (TREs)

Has this facility completed a TRE in the past four and a half years? Or is the facility currently performing a TRE?

☐ Yes ☐ No

If yes, describe the progress to date, if applicable, in identifying and confirming the toxicant.

[Click to enter text.](#)

Section 3. Summary of WET Tests

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

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: [Click to enter text.](#)

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: [Click to enter text.](#)

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: [Click to enter text.](#)

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.

[Click to enter text.](#)

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.

Click to enter text.

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: None

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Telephone number: Click to enter text.

Email address: Click to enter text.

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).

Click to enter text.

C. Product and service information

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

Click to enter text.

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: Click to enter text.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: Click to enter text.

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: [Click to enter text.](#)

[Click or tap here to enter text.](#) [Click to enter text.](#)

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

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

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

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

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

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

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

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

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.

[Click to enter text.](#)

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ
IUC Permits Team
Radioactive Materials Division
MC-233
PO Box 13087
Austin, Texas 78711-3087
512-239-6466

For TCEQ Use Only

Reg. No. _____

Date Received _____

Date Authorized _____

Section 1. General Information (Instructions Page 90)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): [Click to enter text.](#)

Program ID: [Click to enter text.](#)

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

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

2. Agent/Consultant Contact Information

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

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

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

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

3. Owner/Operator Contact Information

☐ Owner ☐ Operator

Owner/Operator Name: [Click to enter text.](#)

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

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

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

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

4. Facility Contact Information

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

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

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

Location description (if no address is available): [Click to enter text.](#)

Facility Contact Person: [Click to enter text.](#)

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

5. **Latitude and Longitude, in degrees-minutes-seconds**

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

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

Method of determination (GPS, TOPO, etc.): [Click to enter text.](#)

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☐ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☐ Other, Specify: [Click to enter text.](#)

Number of Injection Wells: [Click to enter text.](#)

7. **Purpose**

Detailed Description regarding purpose of Injection System:

[Click to enter text.](#)

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: [Click to enter text.](#)

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

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

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

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) – Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing					
Tubing					
Screen					

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: [Click to enter text.](#)

System(s) Construction: [Click to enter text.](#)

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: [Click to enter text.](#)
2. Receiving Formation Name of Injection Zone: [Click to enter text.](#)
3. Well/Trench Total Depth: [Click to enter text.](#)
4. Surface Elevation: [Click to enter text.](#)
5. Depth to Ground Water: [Click to enter text.](#)
6. Injection Zone Depth: [Click to enter text.](#)
7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No
Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:
Name: [Click to enter text.](#)
Thickness: [Click to enter text.](#)
8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer
Attach as Attachment E.
9. Horizontal and Vertical extent of contamination and injection plume
Attach as Attachment F.
10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.
Attach as Attachment G.
11. Injection Fluid Chemistry in PPM at point of injection
Attach as Attachment H.
12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: [Click to enter text.](#)
13. Maximum injection Rate/Volume/Pressure: [Click to enter text.](#)
14. Water wells within 1/4 mile radius (attach map as Attachment I): [Click to enter text.](#)
15. Injection wells within 1/4 mile radius (attach map as Attachment J): [Click to enter text.](#)
16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): [Click to enter text.](#)
17. Sampling frequency: [Click to enter text.](#)
18. Known hazardous components in injection fluid: [Click to enter text.](#)

Section 5. Site History

1. Type of Facility: [Click to enter text.](#)
2. Contamination Dates: [Click to enter text.](#)
3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): [Click to enter text.](#)
4. Previous Remediation (attach results of any previous remediation as attachment M): [Click to enter text.](#)

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

- 5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
- 5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
- 5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
- 5D02 Storm Water Drainage (IW designed for the disposal of rain water)
- 5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
- 5F01 Agricultural Drainage (IW that receive agricultural runoff)
- 5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
- 5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
- 5W09 Untreated Sewage
- 5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
- 5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
- 5W12 WTP disposal
- 5W20 Industrial Process Waste Disposal Wells
- 5W31 Septic System (Well Disposal method)
- 5W32 Septic System Drainfield Disposal
- 5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
- 5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
- 5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
- 5X27 Other Wells
- 5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site - These are currently banned)
- 5X29 Abandoned Drinking Water Wells (waste disposal)



ATTACHMENT 1

CORE DATA FORM



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)	☐ 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 600629604		RN 101720787

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership					
☐ 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>	
Fort Hancock Water Control and Improvement District					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		☐ Corporation		☐ Individual	Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other		☐ Sole Proprietorship		☒ Other: Municipality	
12. Number of Employees				13. Independently Owned and Operated?	
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher				☐ Yes ☒ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☒ Owner ☐ Operator ☐ Owner & Operator ☐ Other:					
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing Address:	P.O. Box 65				
	City	Fort Hancock	State	TX	ZIP 79839 ZIP + 4 0065
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				fthwcid1@yahoo.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(915) 769-3931		() - -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ 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.)								
Fort Hancock Wastewater Treatment Facility								
23. Street Address of the Regulated Entity: (No PO Boxes)	101 Mason Street							
	City	Fort Hancock	State	TX	ZIP	79839	ZIP + 4	0065
24. County	Hudspeth							

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

25. Description to Physical Location:								
26. Nearest City						State	Nearest ZIP Code	
Fort Hancock					TX		79839	
<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:		31.28°			28. Longitude (W) In Decimal:		105.84°	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
31	16	59.24	105	50	30.62			
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			22312					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Treatment of domestic wastewater								
34. Mailing Address:	P.O. Box 65							
	City	Fort Hancock	State	TX	ZIP	79839	ZIP + 4	0065
35. E-Mail Address:	fthwcid1@yahoo.com							
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)					
(915) 769-3931			() - -					

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.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0011173001			

SECTION IV: Preparer Information

40. Name:	Weber Wallerstein	41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 358-4049		(512) 366-5374	wwallerstein@tr-eng.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:	TRE & Associates, LLC	Job Title:	Project Manager
Name (In Print):	Weber Wallerstein	Phone:	(512) 358-4049
Signature:		Date:	9-19-2025



ATTACHMENT 2

PLAIN LANGUAGE SUMMARY



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

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

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

Forth Hancock Water Control and Improvement District (CN600629604) operates Fort Hancock Wastewater Treatment Facility (RN101720787), an evaporative pond facility. The facility is located at 101 Mason Street, in Fort Hancock, Hudspeth County, Texas 79839. Fort Hancock Water Control and Improvement District is applying for renewal to discharge 33,000 gallons per day of treated domestic wastewater. This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain BOD5, Carbonaceous BOD5, Total Suspended Solids, and E. coli. Domestic sewage effluent is treated by evaporative ponds through aeration.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Forth Hancock Water Control and Improvement District (CN600629604) opera Fort Hancock Wastewater Treatment Facility (RN101720787), una **instalación de estanque evaporativo**. La instalación está ubicada en 101 Mason Street, en Fort Hancock, Condado de Hudspeth, Texas 79839. Fort Hancock Water Control and Improvement District está solicitando la renovación para descargar 33,000 galones por día de aguas residuales domésticas tratadas. Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan BOD5, Carbonaceous BOD5, sólidos suspendidos totales, and E. coli.. **Efluentes de aguas residuales domésticas**. **está** tratado por estanques de evaporación mediante aireación .

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WO-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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 are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Example 2: Domestic Wastewater TPDES Renewal application

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

This application is for a renewal to discharge at an annual average flow of 1,200,000 gallons per day of treated domestic wastewater via Outfalls 001 and 002.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 3: Domestic Wastewater TPDES New Application

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The City of Texas (CN000000000) proposes to operate the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

This application is for a new application to discharge at a daily average flow of 200,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 4: Domestic Wastewater TLAP Renewal application

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations

of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

This application is for a renewal to dispose a daily average flow not to exceed 76,500 gallons per day of treated domestic wastewater via public access subsurface drip irrigation system with a minimum area of 32 acres. This permit will not authorize a discharge of pollutants into water in the state.

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD₅), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.



ATTACHMENT 3

SUPPLEMENTAL PERMIT INFORMATION FORM

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: Fort Hancock Water Control and Improvements District

Permit No. WQ00 11173001

EPA ID No. TX 0129038

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

Located on the north side of and adjacent to State Highway 20, approximately one mile southeast of the city of Fort Hancock in Hudspeth County, Texas 79839.

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: Jorge Saldana

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

Title: Operator

Mailing Address: P.O. Box 65

City, State, Zip Code: Fort Hancock, Texas 79839-0065

Phone No.: (915) 769 - 3931 Ext.:

Fax No.:

E-mail Address: fthwcid1@yahoo.com

2. List the county in which the facility is located: Hudspeth
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.

Interim Phase: via evaporation in the drainage area of Rio Grande below Riverside Diversion Dam in Segment No. 2307 of the Rio Grande Basin. Final Phase: to School Drain, thence to Middle Drain, then to River Drain, thence to Rio Grande below Riverside Diversion Dam in Segment No. 2307

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

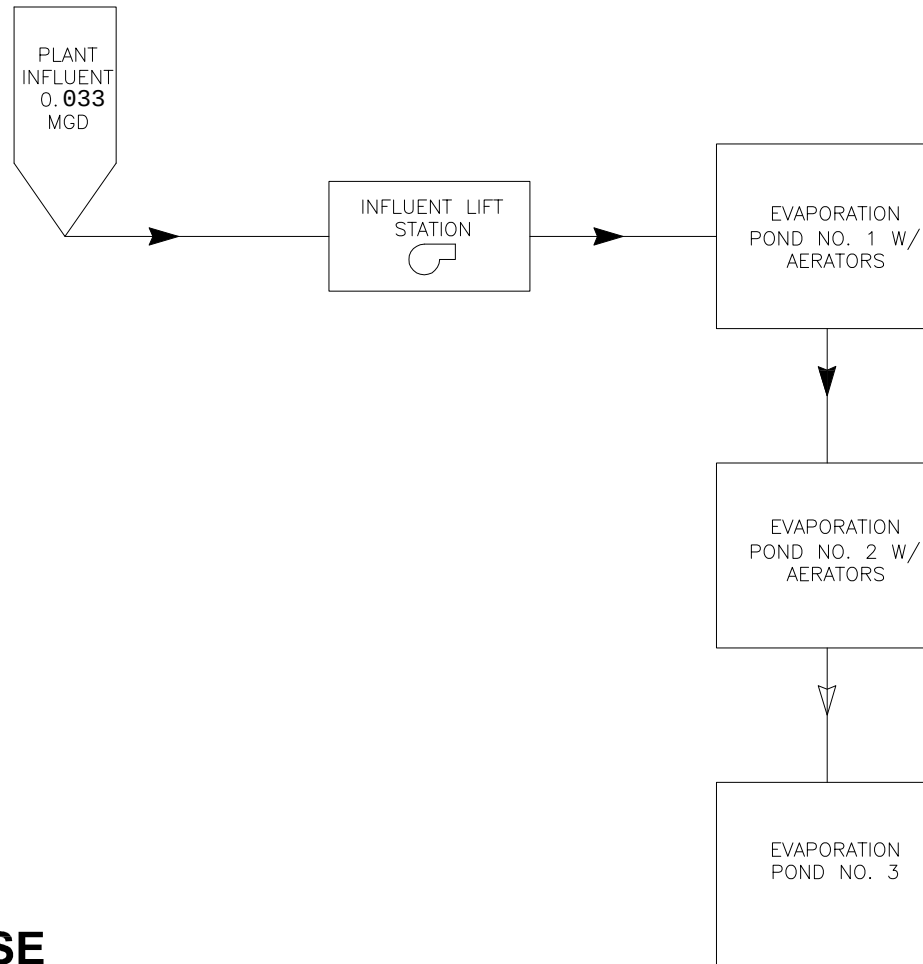
4. Provide a brief history of the property, and name of the architect/builder, if known.

N/A



ATTACHMENT 4

FLOW DIAGRAMS



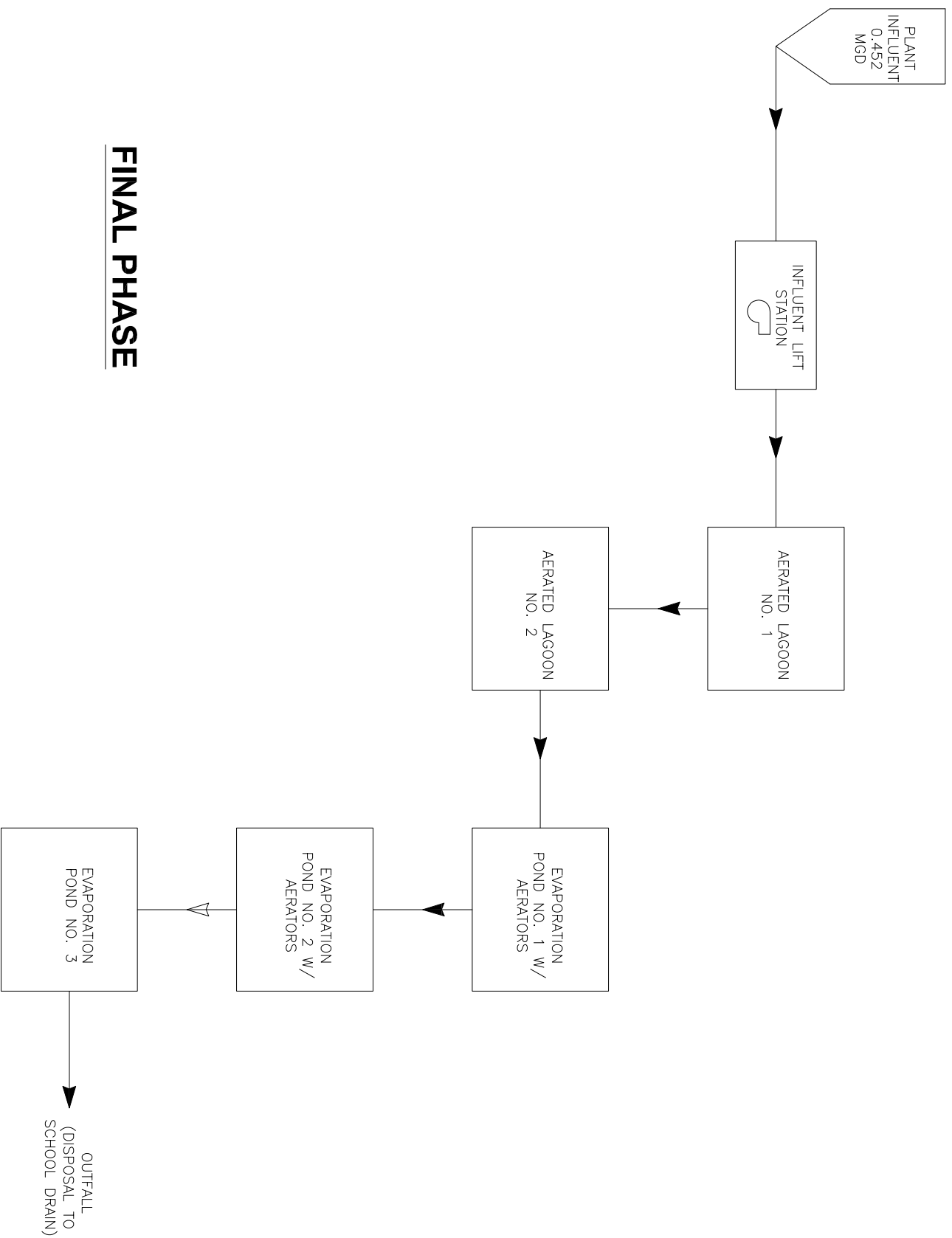
INTERIM PHASE

INTERIM PHASE 0.033 MGD
WWTP FLOW DIAGRAM



Engineering Solutions

TSPE-PPM No. 13267
801 N. El Paso Street, Suite 100 El Paso, Texas 79902
Office: (915) 820-4003 Fax: (915) 829-8906
6101 W. Courtyard, Bldg 1, Suite 100 Austin, Texas 78720
Office: (512) 355-4049 Fax: (512) 396-5374



FINAL PHASE

FINAL 0.452 MGD WWTTP
FLOW DIAGRAM



Engineering Solutions

601 N. 81st Street, Suite 100
Olathe, Kansas 66061
Ph: (913) 825-8206
Fax: (913) 825-8206

601 N. 81st Street, Suite 100
Olathe, Kansas 66061
Ph: (913) 825-8206
Fax: (913) 825-8206

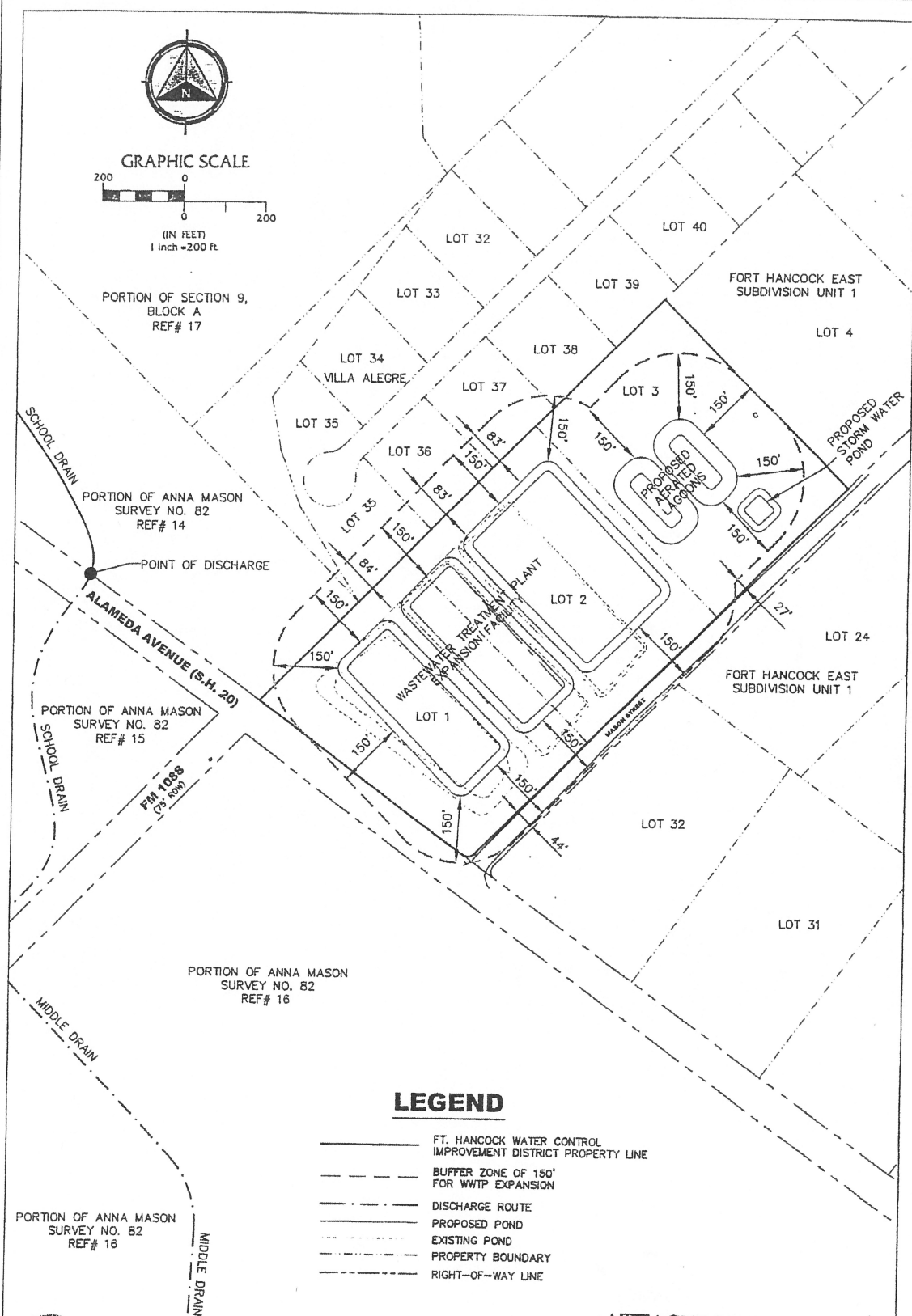
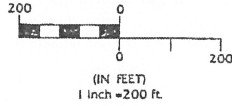


ATTACHMENT 5

SITE DRAWING AND SERVICE AREA



GRAPHIC SCALE



LEGEND

- FT. HANCOCK WATER CONTROL IMPROVEMENT DISTRICT PROPERTY LINE
- - - - - BUFFER ZONE OF 150' FOR WWTP EXPANSION
- - - - - DISCHARGE ROUTE
- - - - - PROPOSED POND
- - - - - EXISTING POND
- - - - - PROPERTY BOUNDARY
- - - - - RIGHT-OF-WAY LINE



BROCK & BUSTILLOS INC.

CONSULTING ENGINEERS
LAND SURVEYORS
WWW.BROCKBUSTILLOS.COM

417 EXECUTIVE CENTER
EL PASO, TEXAS 79902
FAX (915) 542-2867
TBPE Firm Reg. No.: F-737

(915) 542-4900

Drawn By:
OGG

Date:
07-14-2011

Scale:
1"=200'

Job No:
05967-10A

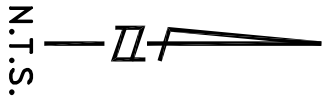
ATTACHMENT A
WQ0011173001
Final Phase Buffer Zone



FORT
HANCOCK
WWTP
SERVICE AREA

LEGEND

WWTP SERVICE AREA



Engineering Solutions

Engineering Solutions

801 N. El Paso Street, Suite 150 6101 W. Courtyard Dr., Bldg. 1, Ste. 100

6101 W. Courtyard Dr., Bldg. 1, St
El Paso, Texas 79903

El Paso, Texas 79902
Austin, Texas 78730

Fax: (915) 629-8506 Fax: (512) 366-5374



ATTACHMENT 6
UNBUILT PHASE



Engineering Solutions

Unbuilt Phase Justification

The city of Fort Hancock has experienced a steady growth in population for the previous years, leading to the need for possible expansion of its treatment facility to accommodate future demand. Also, an increasing number of existing residents, formally on septic systems, have been connected to the FHWCID system with an ultimate goal to eradicate the use of septic disposal in the area.



ATTACHMENT 7

LINER CERTIFICATION



Engineering Solutions

Liner Certification

As the three (3) evaporation ponds are existing and have been in operation since 1978, we have not included a liner certification as part of this renewal permit application. No construction or modification has taken place since the pond's construction to jeopardize the liner.



ATTACHMENT 8

CROPPING PLAN



Engineering Solutions

Annual Cropping Plan

The effluent being treated via land applications at the Fort Hancock Treatment Facility will not be used for any irrigation purposes. The effluent is currently allowed to dissipate by evaporation. After completion of the final phase, effluent will travel from the evaporative ponds, through man made canals and ultimately terminate in segment number 2307 of the Rio Grande Basin.



ATTACHMENT 9

USGS AND WELL LOGS

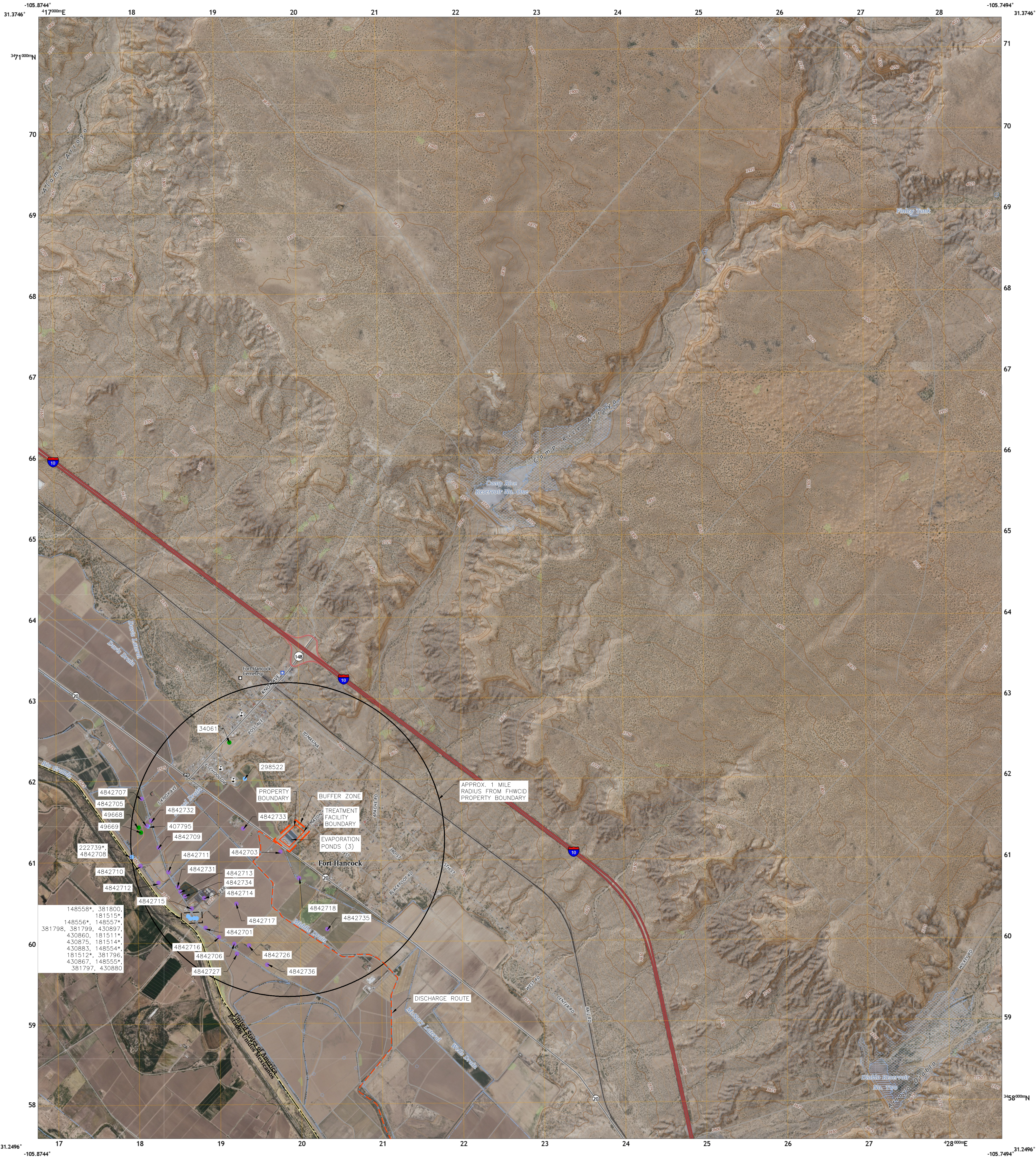
- LEGEND
- TWDB GROUNDWATER WELL
 - BRACS WELL
 - WATER WELL WITH WELL REPORT OR PLUGGING REPORT
 - #####* WELL IDENTIFIER WITH PLUGGING REPORT



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



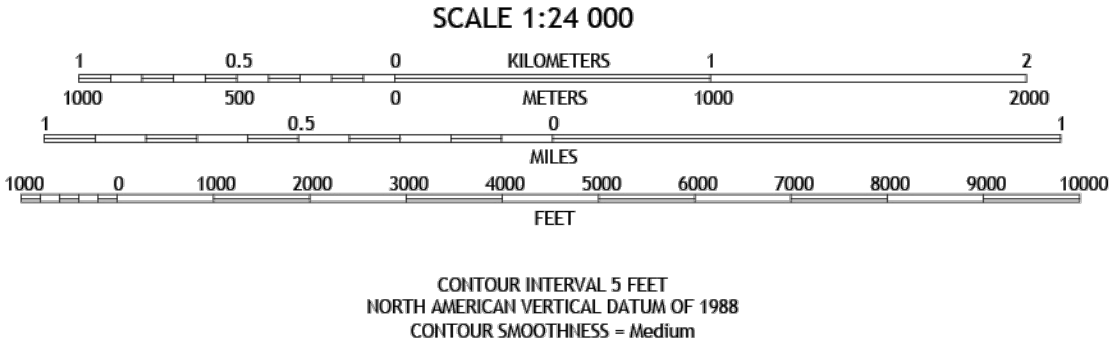
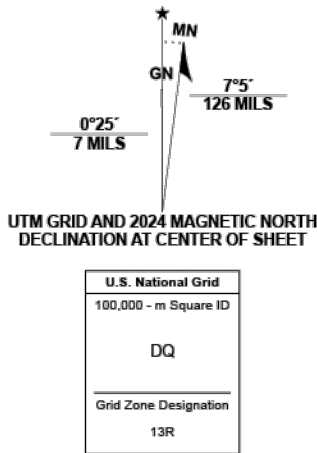
7.5-MINUTE TOPO QUADRANGLE
TEXAS - CUSTOM EXTENT
7.5-MINUTE TOPO



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000 meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 13R
Data is provided by The National Map (TNM), is the best available at the time of map
generation, and includes data content from supporting themes of Elevation,
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoregistry. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale.
Private lands within government reservations may not be shown. Obtain permission
before entering private lands. Temporal changes may have occurred since these data
were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>



Fort Hancock	Campo Grande Mountain
McHenry	Esperanza

ADJOINING QUADRANGLES

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

7.5-MINUTE TOPO, TX
2025

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Test HoleField No. HCCRD #1 TH #1State Well No. 48-42-703

Owner's Well No. _____

County ANDREWS1. Location: 1/4, 1/4 Sec., Block _____ Survey 2 mi. S. Ft. Hancock2. Owner: HCCRD #1 TH #1 Address: Ft. Hancock

Tenant: _____ Address: _____

Driller: LAKE-TERRE CO. Address: _____3. Elevation of _____ is 3521 ft. above mal, determined by Topo4. Drilled: Jan 1957; Dug, Cable Tool, Rotary, _____5. Depth: Rept. 3500 ft. Meas. _____ ft.

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed _____

7. Pump: Mfr. _____ Type _____

No. Stages _____, Bows Diam. _____ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Fuel _____ Make & Model _____ HP _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____

10. Performance Test: Date _____ Length of Test _____ Made by _____

Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.

Production _____ gpm Specific Capacity _____ gpm/ft.

11. Water Level: _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. meas. _____ 19 _____ below _____ which is _____ ft. above surface.
 _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. meas. _____ 19 _____ below _____ which is _____ ft. above surface.
 _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.
 _____ ft. meas. _____ 19 _____ below _____ which is _____ ft. above surface.

12. Use: Dom., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, Test Hole

13. Quality: (Remarks on taste, odor, color, etc.) _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log, _____

Formation Samples, Pumping Test, _____

15. Record by: W. BUCKNER Date 12-18 1972Source of Data OLD SCHEDULE, OPS.16. Remarks: Test hole

CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft.	
		from	to

WELL SCREEN			
Screen Openings			
Diam. (in.)	Type	Setting, ft.	
		from	to

Q2

48-42-724

FORM NO. 28

LAYNE TEXAS COMPANY
HOUSTON DALLAS

WELL LOG

REPORT NO. 5017
S. O. 1514-56
PAGE 1 OF 6
FILE NO. 2296
DATE 6/3/57

CUSTOMER LOCATION		WELL DATA	
FOR HUDSPETH COUNTY CONSERVATION & RECLAMATION DISTRICT #1		NAME WELL	TEST WELL
LOCATION WELL FORT HANGCOCK		ELEVATION	3517'
SURVEY FIELD		DATE STARTED DRILLING	1-8-57
COUNTY HUDSPETH STATE TEXAS		DATE FINISHED DRILLING	1-31-57
OTHER LAND MARKS 1/2 Mi. S. OF FORT HANGCOCK, 1/4 Mi. E. OF HIGHWAY 80		DRILLER C.M. BRYANT	RIG NO. 7
		TYPE MUD BAROCO-83	NO. SACKS 50-8
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
0		SURFACE			
5	5	SURFACE SAND			
7	2	SANDY CLAY			
20	13	SAND			
23	3	SANDY CLAY			
27	4	SAND			
28	1	CLAY			
39	11	SAND & CLAY STREAKS			
42	3	CLAY			
71	29	SAND, GRAVEL & CLAY, BROKEN			
78	7	CLAY			
82	4	SAND			
84	2	CLAY			
88	4	SAND & CLAY, BROKEN			
90	2	CLAY			
146	56	SAND, GRAVEL & STREAKS OF CLAY			
149	3	SANDY CLAY			
159	10	SAND, GRAVEL & CLAY BREAKS			
160	1	CLAY			
172	12	SAND			
176	4	BLUE CLAY			
187	11	SAND & SHALE BROKEN			
190	3	SAND			
201	11	SAND & SHALE, BROKEN			
203	2	SHALE			
211	8	SHALE & SANDY SHALE			
224	13	SAND			
227	3	SHALE			
229	2	SAND			
234	5	SHALE			
240	6	SAND			
241	1	CLAY			
246	5	SAND & CLAY STREAKS			
248	2	SAND			
250	2	CLAY			
262	12	CLAY & SAND STREAKS			
264	2	SAND & CLAY STREAKS			
272	8	CLAY			
293	21	SAND WITH A FEW CLAY STREAKS			
296	3	SANDY CLAY			

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LAYNE TEXAS COMPANY

HOUSTON DALLAS

WELL LOG

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CUSTOMER LOCATION		WELL DATA	
FOR HUDSPETH COUNTY CONSERVATION & RECLAMATION DISTRICT #1		NAME WELL TEST WELL	WELL NO. 1
LOCATION WELL FORT HANCOCK		ELEVATION 3517'	DATUM
SURVEY	FIELD	TEST HOLE SIZE 8-3/4" x 7-7/8" IN TO 3500'	GR
COUNTY HUDSPETH	STATE TEXAS	DATE STARTED DRILLING 1-8-57	
OTHER LAND MARKS 1/2 MI. S. OF FORT HANCOCK, 1/4 MI. E. OF HIGHWAY 80		DATE FINISHED DRILLING 1-31-57	
		DRILLER C. M. BRYANT	RIG NO. 7
		TYPE MUD BAROCO-83	NO. SACKS 50-8
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
316	20	SAND WITH A FEW CLAY STREAKS			
322	6	CLAY			
334	12	CLAY WITH A LITTLE GRAVEL			
350	16	FINE SAND WITH A FEW CLAY BREAKS			
360	10	CLAY WITH A LITTLE GRAVEL			
365	5	SAND & CLAY, BROKEN			
382	17	CLAY & SHALE STREAKS			
384	2	SANDY CLAY			
396	12	CLAY & SHALE STREAKS			
399	3	SANDY CLAY			
401	2	CLAY			
409	8	SAND & CLAY, BROKEN			
410	1	ROCK			
418	8	FINE SAND & CLAY, BROKEN			
422	4	CLAY & SANDY CLAY			
430	8	FINE SAND & CLAY, BROKEN			
480	50	RED & BLUE SHALE			
482	2	SANDY CLAY			
542	60	SOFT REDDISH CLAY			
546	4	BROKEN SAND			
587	41	REDDISH CLAY			
590	3	SOFT SAND			
606	16	REDDISH & GREY CLAY			
610	4	SOFT SAND			
623	13	CLAY & SAND LAYERS			
700	77	REDDISH BROWN CLAY			
702	2	BROKEN SAND			
713	11	RED CLAY			
716	3	SAND BROKEN			
741	25	RED CLAY			
743	2	SANDY CLAY			
752	9	RED CLAY			
753	1	SAND			
761	8	RED & GREY CLAY			
765	4	SAND & CLAY STREAKS			
782	17	RED & GREY CLAY			
788	6	SANDY CLAY			
796	8	RED & GREY CLAY			
802	6	SAND & CLAY STREAKS			
845	43	RED & GREY CLAY			

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CUSTOMER LOCATION		WELL DATA	
FOR HUDSPETH COUNTY CONSERVATION & RECLAMATION DISTRICT #1		NAME WELL	TEST WELL
LOCATION WELL FORT HANCOCK		ELEVATION	3517'
		RT 6-3/4-7-7/8" x	GR
		TEST HOLE SIZE 9-7/8"	TO 3500'
SURVEY		DATE STARTED DRILLING	1-8-57
FIELD		DATE FINISHED DRILLING	1-31-57
COUNTY HUDSPETH		DRILLER C.M. BRYANT	RIG NO. 7
STATE TEXAS		TYPE MUD BAROCO-83	NO. SACKS 50-8
OTHER LAND MARKS 1/2 Mi. S. OF FORT HANCOCK, 1/4 Mi. E. OF HIGHWAY 80		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
845					
852	7	RED & GREY CLAY			
855	3	SANDY CLAY			
856	1	CLAY			
858	2	SANDY CLAY			
861	3	RED & GREY CLAY			
862	1	SANDY CLAY			
875	13	RED & GREY CLAY			
877	2	SANDY CLAY			
897	20	RED & GREY CLAY			
898	1	SANDY CLAY			
902	4	CLAY, SAND, ROCK & CALICHE			
910	8	RED & GREY CLAY			
919	9	CLAY, SAND, ROCK & CALICHE			
947	28	RED & GREY CLAY			
950	3	CLAY, SAND, ROCK & CALICHE			
966	16	RED & GREY CLAY			
967	1	SANDY CLAY			
997	30	RED & GREY CLAY WITH A FEW STREAKS OF SAND ROCK			
1035	38	RED & GREY CLAY W/SAND ROCK STREAKS			
1036	1	SANDY CLAY			
1038	2	RED & GREY CLAY W/STKS. OF SAND ROCK			
1039	1	SANDY CLAY			
1076	37	RED & GREY CLAY W/STKS. SAND ROCK			
1084	8	RED CLAY STKS. W/GREY SANDY CLAY			
1115	31	RED CLAY & SANDY GREY CLAY			
1127	12	RED & GREY CLAY-STKS. & SAND ROCK			
1131	4	SANDY CLAY			
1188	57	RED & GREY CLAY STKS. & SAND ROCK			
1198	10	SOFT RED & BLUE CLAY			
1360	162	REDDISH BROWN & SOME BLUE CLAY			
1408	48	RED & GREY CLAY			
1412	4	SANDY CLAY			
1429	17	RED & GREY CLAY STKS. & SAND ROCK			
1434	5	RED & GREY CLAY & SANDY CLAY			
1493	59	RED & GREY CLAY			
1514	21	HARD REDDISH BROWN & GREY SHALE			
1520	6	SANDY SHALE			
1523	3	SHALE & SAND ROCK STREAKS			

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LAYNE TEXAS COMPANY

HOUSTON

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DALLAS

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CUSTOMER LOCATION

FOR HUDSPETH COUNTY CONSERVATION & RECLAMATION
DISTRICT #1

LOCATION WELL FORT HANCOCK

SURVEY

FIELD

COUNTY HUDSPETH

STATE TEXAS

OTHER LAND MARKS

1/2 MI. S. OF FORT HANCOCK, 1/4 MI. E. OF
HIGHWAY 80

WELL DATA

NAME WELL TEST WELL WELL NO. 1
ELEVATION 3517' DATUMTEST HOLE SIZE 6-3/4-7-7/8" TO GR 3500'
DATE STARTED DRILLING 1-8-57

DATE FINISHED DRILLING 1-31-57

DRILLER C.M. BRYANT RIG NO. 7

TYPE MUD BAROCO-B3 NO. SACKS 50-8

ELECTRIC LOG YES TYPE SCHLUMBERGER

SURVEY TYPE

OTHER

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
1523					
1548	25	HARD BROWN & GREY CLAY			
1550	2	SANDY SHALE			
1568	18	HARD BROWN & GREY CLAY			
1622	54	BROWN & GREY CLAY			
1626	4	SOFT SANDY GREY CLAY			
1690	64	GREY & SOME BROWN CLAY			
1746	56	RED & GREY SHALE & CLAY STREAKS			
1751	5	REDDISH BROWN & BLUE SHALE WITH FEW LIME STREAKS			
1756	5	SOFT BROWN CLAY			
1769	13	BROWN & BLUE SHALE W/STKS. OF LIME			
1777	8	SOFT BROWN CLAY W/BLUE & BROWN SHALE			
1791	14	BROWN & BLUE SHALE			
1799	8	SOFT BROWN CLAY			
1842	43	SOFT CLAY BROWN & BLUE SHALE WITH STREAKS OF SAND ROCK			
1964	122	BROWN CLAY			
1974	10	SOFT BROWN & BLUE CLAY			
2053	79	BROWN & BLUE CLAY WITH SHALE STKS.			
2062	9	BROWN & BLUE CLAY & SHALE			
2069	7	SHALE & SMALL STKS. OF HARD LIME			
2106	37	SHALE & FEW STKS. OF BROKEN LIME			
2108	2	BROWN & BLUE SHALE			
2137	29	SHALE & FEW STKS. OF SANDY SHALE			
2139	2	SHALE			
2143	4	SHALE & FEW STKS. OF HARD LIME			
2197	54	BROWN & BLUE SHALE W/FEW STKS. OF LIME			
2203	6	BROWN & BLUE SHALEY LIME			
2235	32	BROWN & BLUE CLAY			
2244	9	LAYERS OF LIMESTONE & CLAY			
2252	8	BROWN CLAY			
2284	32	BROWN SHALE & HARD LIME			
2292	8	HARD BROWN SHALE & LIME STREAKS			
2293	1	HARD LIMESTONE & BROKEN SHALE			
2302	9	HARD BROWN SHALE & LIMESTONE STREAKS			
2304	2	HARD LIMESTONE & BROKEN SHALE			
2316	12	BROWN SHALE STREAKS, LIMESTONE & SOFT BROWN CLAY			

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LAYNE TEXAS COMPANY

HOUSTON DALLAS

WELL LOG

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CUSTOMER LOCATION		WELL DATA	
FOR HUDSPETH COUNTY CONSERVATION & RECLAMATION DISTRICT #1		NAME WELL TEST WELL	WELL NO. 1
LOCATION WELL FORT HANCOCK		ELEVATION 3517'	DATUM
SURVEY FIELD		RT 6-3/4" x 7-7/8" x GR	TEST HOLE SIZE 9-7/8" TO 3500'
COUNTY HUDSPETH STATE TEXAS		DATE STARTED DRILLING 1-8-57	DATE FINISHED DRILLING 1-31-57
OTHER LAND MARKS 1/2 MI. S. OF FORT HANCOCK, 1/4 MI. E. OF HIGHWAY 80		DRILLER C.M. BRYANT	RIG NO. 7
		TYPE MUD BAROCO-83	NO. SACKS 50-8
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
2316					
2362	46	BROWN & SOME GREY CLAY			
2372	10	BROWN & BLUE SHALE W/STKS. OF LIME			
2377	5	BROWN & SOME BLUE SHALE			
2384	7	HARD LIME & BROKEN SHALE			
2389	5	HARD BROWN SHALE & LIME STREAKS			
2393	4	HARD LIME & BROKEN SHALE			
2426	33	HARD BROWN & BLUE SHALE STREAKS- SOFT CLAY & LIMESTONE, BROKEN			
2469	43	BROWN & BLUE CLAY			
2483	14	BROWN & BLUE SHALE STREAKS WITH GREY CLAY & LIMESTONE			
2490	7	SOFT GREY CLAY-HARD BLUE & BROWN SHALE			
2506	16	HARD BROWN & BLUE SHALE WITH LIME STREAKS			
2556	50	SOFT BROWN & GREY STREAKS WITH GREEN & BROWN SHALE			
2580	24	BROWN & GREY CLAY & SHALE			
2609	29	HARD BROWN & GREY SHALE WITH CLAY			
2629	20	SOFT BROWN CLAY STREAKS, GREEN & GREY SHALE & LIMESTONE			
2643	14	SOFT BROWN CLAY, GREEN & GREY SHALE WITH STREAKS OF LIMESTONE			
2656	13	BROWN CLAY & HARD RIBS			
2677	21	BROWN CLAY			
2710	33	BROWN & GREY CLAY, GREEN SHALE & LIMESTONE			
2714	4	SOFT BROWN CLAY & GREENISH-GREY SHALE			
2720	6	SANDY CLAY, SHALE & LIMESTONE			
2726	6	BROWN CLAY, SHALE & LIMESTONE			
2745	19	BROWN CLAY, GREEN & GREY SHALE WITH STREAKS OF LIMESTONE			
2768	23	VERY DARK BROWN CLAY			
2784	16	BROWN & GREY CLAY WITH GREEN SHALE			
2791	7	BROWN CLAY, GREEN & GREY SHALE			
2803	12	HARD BROWN CLAY			
2804	1	SOFT CLAY			
2836	32	BROWN & GREY CLAY, GREEN & GREY SHALE WITH LIMESTONE STREAKS			

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LAYNE TEXAS COMPANY

HOUSTON DALLAS

WELL LOG

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CUSTOMER LOCATION		WELL DATA	
FOR HUDSPETH COUNTY CONSERVATION & RECLAMATION		NAME WELL	TEST WELL WELL NO. 1
DISTRICT #1		ELEVATION	3517'
LOCATION WELL FORT HANCOCK		RT	6-3/4" x 7-7/8" x GR
SURVEY		TEST HOLE SIZE	9-7/8" TO 3500'
FIELD		DATE STARTED DRILLING	1-8-57
COUNTY HUDSPETH STATE TEXAS		DATE FINISHED DRILLING	1-31-57
OTHER LAND MARKS 1/2 MI. S. OF FORT HANCOCK, 1/4 MI. E. OF HIGHWAY 80		DRILLER C.M. BRYANT	RIG NO. 7
		TYPE MUD BAROCO-83	NO. SACKS 50-8
		ELECTRIC LOG YES	TYPE SCHLUMBERGER
		SURVEY	TYPE
		OTHER	

DEPTH STRATA	EACH STRATUM	DESCRIPTION FORMATION	SAMPLES		
			DEPTH	TYPE	NUMBER
2836					
2869	33	SOFT BROWN CLAY, GREEN SHALE & STKS. OF LIMESTONE			
2874	5	SHALE & LIMESTONE, BROKEN			
2883	9	SOFT BROWN CLAY, GREEN & GREY SHALE, & LIMESTONE STREAKS			
2934	51	BROWN & DARK CLAY, SOME SOFT GREY CLAY			
2997	63	BROWN CLAY, GREEN & GREY SHALE WITH STREAKS OF LIMESTONE			
3000	3	BROWN CLAY, GREENISH GREY & RED SHALE WITH BROKEN LIMESTONE			
3020	20	BROWN CLAY, GREEN, GREY & RED SHALE WITH STREAKS OF LIMESTONE			
3055	35	BROWN CLAY & HARD RIBS			
3090	35	BROWN CLAY, GREEN & GREY SHALE & LIMESTONE STREAKS			
3123	33	SOFT BROWN CLAY, GREEN & GREY SHALE WITH FEW LIMESTONE STREAKS			
3160	37	BROWN & BLUE CLAY LAYERS W/HARD LIMESTONE			
3191	31	BROWN CLAY, GREENISH GREY SHALE			
3209	18	SOFT BROWN CLAY, GREEN & GREY SHALE			
3219	10	BROWN CLAY			
3291	72	BROWN CLAY, GREEN & GREY SHALE & A FEW LIME STREAKS			
3309	18	HARD BROWN & GREY CLAY W/SOME LIME			
3329	20	BROWN CLAY, GREEN & GREY CLAY WITH MORE LIMESTONE			
3359	30	SOFT BROWN CLAY, GREEN & GREY SHALE WITH A FEW LIME STREAKS			
3394	35	BROWN & GREY CLAY			
3425	31	BROWN CLAY, GREEN SHALE & LIMESTONE STREAKS			
3441	16	SOFT BROWN CLAY, GREEN & GREY SHALE			
3455	14	BROWN CLAY, GREEN & GREY SHALE WITH STREAKS OF LIMESTONE			
3485	30	BROWN & GREY CLAY			
3500	15	BROWN CLAY & GREENISH GREY SHALE WITH LIMESTONE STREAKS			
T.D.					

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LAYNE TEXAS COMPANY
HOUSTON -:- DALLAS
MATERIAL SETTING

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CUSTOMER LOCATION		WELL DATA	
FOR HUDSPETH COUNTY CONSERVATION & RECLAMATION DISTRICT #1		NAME WELL	TEST WELL
LOCATION WELL FORT HANCOCK		ELEVATION	3517'
		TYPE WELL	
		SURFACE CASING CEMENTED	NO
		SIZE HOLE UNDERREAMED	NONE
		GRAVEL TYPE	NONE
		TYPE SCREEN	MILL SLOT
		DRILLER	C. M. BRYANT
		OTHER	
SURVEY		FIELD	
COUNTY HUDSPETH		STATE	TEXAS
OTHER LAND MARKS 1/2 MI. S. OF FT. HANCOCK, 1/4 MI. E. OF HWY. 80			

DEPTH	LENGTH	SIZE, KIND, WEIGHT MATERIAL	SKETCH
170'	170'	10-3/4" CASING, NOT CEMENTED	
WATER SAMPLE:			
#1			
297'	317'	SCREEN	
WATER LEVEL			
		47'	
NOTE: 6 SACKS OF CEMENT USED FOR DITCH.			
RIG MOVED OFF LOCATION, WAS BROUGHT BACK AND HALLIBURTON DRILL STEM TEST WAS TRIED. ALL PIPE PULLED FROM HOLE.			

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Hudspeth

LAYNE TEXAS COMPANY WELL LOG

CUSTOMER LOCATION:

For: Hudspeth County Conservation
& Reclamation District #1
Location well: Fort Hancock
County: Hudspeth State: Texas
Other land marks: 1/2 mi. s. of
Ft. Hancock, 1/4 mi. e. of
Highway 80.

WELL DATA:

Name well: Test Well Well No: 1
Elevation: 3517'
Rt: 6-3/4x7-7/8x
Test hole size: 9-7/8" Td: 3500'
Date started drilling: 1-8-57
Date finished drilling: 1-31-57
Driller: C.M. Bryant Rig No: 7
Type mud: Baroco-B3 No.sacks:50-8
Electric log: yes Type:
Schlumberger

Depth Strata	Each Stratum	Description formation
0		Surface
5	5	Surface sand
7	2	Sandy clay
20	13	Sand
23	3	Sandy clay
27	4	Sandy
28	1	Clay
39	11	Sand & clay streaks
42	3	Clay
71	29	Sand, gravel and clay, broken
78	7	Clay
82	4	Sand
84	2	Clay
88	4	Sand & clay, broken
90	2	Clay
146	56	Sand, gravel & streaks of clay
149	3	Sandy clay
159	10	Sand, gravel & clay breaks
160	1	Clay
172	12	Sand
176	4	Blue clay
187	11	Sand & shale broken
190	3	Sand
201	11	Sand & shale, broken
203	2	Shale
211	8	Shale & sandy shale
224	13	Sand
227	3	Shale
229	2	Sand
234	5	Shale
240	6	Sand
241	1	Clay
246	5	Sand & clay streaks
248	2	Sand
250	2	Clay
262	12	Clay & sand streaks
264	2	Sand & clay streaks
272	8	Clay
293	21	Sand with a few clay streaks
296	3	Sandy clay
316	20	Sand with a few clay streaks
322	6	Clay
334	12	Clay with a little gravel

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Depth Strata	Each Stratum	Description formation
350	16	Fine sand with a few clay breaks
360	10	Clay with a little gravel
365	5	Sand & clay, broken
382	17	Clay & shale streaks
384	2	Sandy clay
396	12	Clay & shale streaks
399	3	Sandy clay
401	2	Clay
409	8	Sand & clay, broken
410	1	Rock
418	8	Fine sand & clay, broken
422	4	Clay & sandy clay
430	8	Fine sand & clay, broken
480	50	Red and blue shale
482	2	Sandy clay
542	60	Soft reddish clay
546	4	Broken sand
587	41	Reddish clay
590	3	Soft sand
606	16	Reddish & grey clay
610	4	Soft sand
623	13	Clay & sand layers
700	77	Reddish brown clay
702	2	Broken sand
713	11	Red clay
716	3	Sand broken
741	25	Red clay
743	2	Sandy clay
752	9	Red clay
753	1	Sand
761	8	Red & grey clay
765	4	Sand & clay streaks
782	17	Red & grey clay
788	6	Sandy clay
796	8	Red & grey clay
802	6	Sand & clay streaks
845	43	Red & grey clay
852	7	Red & grey clay
855	3	Sandy clay
856	1	Clay
858	2	Sandy clay
861	3	Red & grey clay
862	1	Sandy clay
875	13	Red & grey clay
877	2	Sandy clay
897	20	Red & grey clay
898	1	Sandy clay
902	4	Clay, sand, rock & caliche
910	8	Red & grey clay
919	9	Clay, sand, rock & caliche
947	28	Red & grey clay
950	3	Clay, sand, rock & caliche
966	16	Red & grey clay

Depth Strata	Each Stratum	Description formation
967	1	Sandy clay
997	30	Red & grey clay with a few streaks of sand rock
1035	38	Red & grey clay w/sand rock streaks
1036	1	Sandy clay
1038	2	Red & grey clay w/streaks of sand rock
1039	1	Sandy clay
1076	37	Red & grey clay w/streaks sand rock
1084	8	Red clay streaks with grey sandy clay
1115	31	Red clay & sandy grey clay
1127	12	Red & grey clay-stks & sand rock
1131	4	Sandy clay
1188	57	Red & grey clay streaks & sand rock
1198	10	Soft red and blue clay
1360	162	Reddish brown & some blue clay
1408	48	Red & grey clay
1412	4	Sandy clay
1429	17	Red & grey clay streaks & sandrock
1434	5	Red & grey clay & sandy clay
1493	59	Red & grey clay
1514	21	Hard reddish brown & grey shale
1520	6	Sandy shale
1523	3	Shale & sand rock streaks
1548	25	Hard brown & grey clay
1550	2	Sandy shale
1568	18	Hard brown & grey clay
1622	54	Brown & grey clay
1626	4	Soft sandy grey clay
1690	64	Grey & some brown clay
1746	56	Red & grey shale & clay streaks
1751	5	Reddish brown & blue shale with few lime streaks.
1756	5	Soft brown clay
1769	13	Brown & blue shale with streaks of lime
1777	8	Soft brown clay w/blue & brown shale
1791	14	Brown & blue shale
1799	8	Soft brown clay
1842	43	Soft clay brown & blue shale with streaks of sand rock
1964	122	Brown clay
1974	10	Soft brown & blue clay
2053	79	Brown & blue clay with shale streaks
2062	9	Brown & blue clay & shale
2069	7	Shale & small streaks of hard lime
2106	37	Shale & few streaks of broken lime
2108	2	Brown & blue shale
2137	29	Shale & few streaks of sandy shale
2139	2	Shale
2143	4	Shale & few streaks of hard lime
2197	54	Brown & blue shale w/few stks of lime
2203	6	Brown & blue shaley lime
2235	32	Brown & blue clay
2244	9	Layers of limestone & clay
2252	8	Brown clay
2284	32	Brown shale & hard lime

Depth Strata	Each Stratum	Description formation
2292	8	Hard brown shale & lime streaks
2293	1	Hard limestone & broken shale
2302	9	Hard brown shale & limestone streaks
2304	2	Hard limestone & broken shale
2316	12	Brown shale stks, limestone & soft brown clay
2352	46	Brown & some grey clay
2372	10	Brown & blue shale w/stks of lime
2377	5	Brown & some blue shale
2384	7	Hard lime & broken shale
2389	5	Hard brown shale & lime streaks
2393	4	Hard lime & broken shale
2426	33	Hard brown & blue shale streaks--soft clay & limestone, broken
2469	43	Brown & blue clay
2483	14	Brown & blue shale stks.w/grey clay & limestone
2490	7	Soft grey clay, hard blue & brown shale
2506	16	Hard brown & blue shale w/lime streaks
2556	50	Soft brn.& grey stks w/green & brown shale
2580	24	Brown & grey clay & shale
2609	29	Hard brown & grey shale with clay
2629	20	Soft brn clay stks, green & grey shale & limestone
2643	14	Soft brn clay, green & grey shale with strks of limestone
2656	13	Brown clay & hard ribs
2677	21	Brown clay
2710	33	Brn & grey clay, green shale & limestone
2714	4	Soft brown clay & greenish-grey shale
2720	6	Sandy clay, shale & limestone
2726	6	Brown clay, shale & limestone
2745	19	Brn clay, grn & grey shale w/strks limestone
2768	23	Very dark brown clay
2784	16	Brown & grey clay with green shale
2791	7	Brown clay, green & grey shale
2803	12	Hard brown clay
2804	1	Soft clay
2836	32	Brn & grey clay, grn & grey shale w/ limestone streaks
2869	33	Soft brn clay, grn shale & strks limestone
2874	5	Shale & limestone, broken
2883	9	Soft brn clay, green & grey shale, & limes- tone streaks
2934	51	Brn & dark clay, some soft grey clay
2997	63	Brn.clay, grn & grey shale w/strks limestone
3000	3	Brn clay, greenish grey & red shale with broken limestone
3020	20	Brn clay, green, grey & red shale w/ streaks of limestone
3055	35	Brown clay & hard ribs
3090	35	Brn clay, grn & grey shale & limestone strks.
3123	33	Soft brown clay, green & grey shale with few limestone streaks.
3160	37	Brn. & blue clay layers w/ hard limestone
3191	31	Brown clay, greenish grey shale
3209	18	Soft brown clay, green & grey shale

Depth Strata	Each Stratum	Description formation
3219	10	Brown clay
3291	72	Brown clay, green & grey shale & few lime streaks
3309	18	Hard brown & grey clay w/some lime
3329	20	Brn clay, green & grey clay w/limestone
3359	30	Soft brn clay, green & grey shale w/few lime streaks
3394	35	Brown & grey clay
3425	31	Brn clay, grn shale & limestone streaks
3441	16	Soft brn clay, green & grey shale
3455	14	Brn clay, grn & grey shale w/ streaks of limestone
3485	30	Brown & grey clay
3500	15	Brn clay & greenish grey shale w/limestone streaks
T.D.		

Material Setting Information:

Elevation: 3517'

Surface casing cemented: no

Size hole underreamed: none

Gravel type: none

Type screen: Mill slot

Depth	Length	Size, kind, weight material
170'	170'	10- 4 " casing, not cemented

Water sample:

#1		
297'	317'	Screen

Water level: 47'

Note: 6 sacks of cement used for ditch. Rig moved off location, was brought back and halliburton drill stem test was tried. All pipe pulled from hole.

See Layne - Texas
drillers & E-Log
is this well ✓

DRILLING REPORT
ON
HENDSPEATH COUNTY TEST DRILLING PROGRAM

Prepared For
Hendspeath County Conservation & Reclamation
District #1

By
Richard A. Kennedy
March, 1957

48-42-703

#1
20

DRILLING REPORT ON HUDSPETH COUNTY TEST PROGRAM

Introduction

In April of 1956 a preliminary investigation for finding a possible new source of water was undertaken by the Hudspeth Development Association. This group of men gathered to try and find a solution to the problem of water supply. In June a report was submitted to this group on a proposed test drilling program. A supplementary report was submitted to the Hudspeth County Conservation and Reclamation District #1 in August.

The following is a summary of the test drilling:

48-42-703

Well #1: Enclosed is a sample log of test well #1. This log was written as a result of examining the sample cuttings, the electric log and the drillers' log.

The results of test well #1 are as follows:

1. All water to a depth of 630 feet in the area is highly mineralized and too salty for good irrigation. From 630 feet to a depth of 2305 feet the formation was all clay and shale with some sandy streaks, but all impervious to water. From 2305 feet to 2375 feet the formation is gypsum. From 2375 feet to 2440 feet the formation is a fine sand. The hole shows small breaks of sand between the dense clay and shale for the remaining depth to 3500 feet.

The formation from 2375 to 2440 was tested by setting a string of 6" casing and bailing. The well flowed some water and gas. The water tested to be 33,260 P.P.M. total dissolved solids which is the same analysis as sea water. This was conclusive evidence that the water was connate water. (Connate water is buried sea water deposited millions of years ago.)

The gypsum that was encountered is believed to be a small stringer of the Malone (Upper Jurassic) formation. However, the massive thickness of shale underlying the formation cannot be explained at this time. ★

A complete examination of the gypsum and sand under an ultra-violet light failed to give any evidence of oil. The gas could be coming from a structural high to the east.

48-41-201

Well #2: This well was drilled near Acala and reached a total depth of 817 feet. From the surface to a depth of 444 feet the formation was mostly sand and gravel with stringers of clay. A formation of thick hard clay was encountered at 444 feet and continued to the bottom of the hole, 817 feet. A few stringers of sand about 4 to 6 feet thick were encountered in the clay section but were not sampled. The electric log shows these thin sand layers below 444 feet to have a much better quality water than the water above 444 feet.

All the water samples taken in this hole (2) were excessive in salt content.

48-41-602

Well #3: This well was drilled at the mouth of Alamo arroyo. The actual location was on the up-river side of the arroyo. The upper waters in this well were excessively salty but the last two water samples taken were waters of some better quality.

Sample #3, taken at a depth of 253' to 273' contained chlorides of only 1400 mg/l. Sample #4, taken at a depth of 309' to 329' had total dissolved solids of

Sample #4, taken at a depth of 309' to 329' feet had total dissolved solids of

48-42-703

only 3.8 tons per acre foot.

No sand of producing quantity was encountered below 440 feet and the hole was drilled to a total depth of 708 feet.

The freshening of the water with depth in this well shows that the arroyo has a definite influence on the quality of water. Wells drilled to depths of 300 to 400 feet below the mouths of arroyos should yield water of usable quality. However, the amount of water these wells will produce will depend on the total amount of sands encountered below 300 feet. It must be kept in mind also, that to insure the desired quality of water from these wells the upper salty water must be cased off and cemented to prevent the upper mineralized water from contaminating the better water below.

Conclusions

An analysis of the drilling program shows that some fairly good irrigation water may be found at depths of from 300 to 400 feet on the east side of the large arroyos in the valley. The upper water should be cased off and cemented to prevent contamination.

The deep hole drilled at Fort Hancock more or less throws out the possibility of any deep, fresh artesian water in the area between McNary and Acala, however, on the basis of deep drilling up the valley in the vicinity of Fabens there is a very good possibility of deep water existing between Acala and the El Paso - Hudspeth County line. The Public Service Board well drilled south of Fabens proved to be a good artesian well but has a low specific yield when pumped. The well just north west of Fabens drilled by the Layne Texas Company for the El Paso County Improvement District #1 was drilled to 1600 feet and encountered only salt water. On the basis of these two wells it is believed by this author that the city well has tapped a strata that originates in Mexico. The location of this well was staked on the basis of San Felipe arroyo and another arroyo coming to the river out of Mexico. This area is in line with a gap between two mountain ranges in Mexico. The same sort of gap exist in the vicinity of the Hudspeth Reservoir on the County line. In the future a deep test may be drilled in this area for further information and possibility of artesian production.

See Layne - Texas
drillers Log + E log
of this well.

SAMPLE LOG of DEEP TEST

H.C.C.R.D. #1
Test #1

DEPTH	FORMATION	LOGGED BY R. A. Kennedy
0-6	Sand, Fine	
6-33	" "	
33-42	Gravel	
42-71	Sand & Gravel	
71-90	" "	
90-123	" "	
123-154	" "	
154-160	Clay & Sand	
160-172	Sand & Gray Shale	
172-211	Fine Sand	
211-224	" "	
224-272	Very Fine Sand	
272-294	Silt & Very Fine Sand	
294-316	" " " "	
316-430	Very Fine Sand	
430-545	Clay Buff, Hard	
545-575	Clay, Red	
575-635	Clay Buff Clay	
635-694	Clay Buff Hard	
694-724	Sand, Reddish Color	
724-755	Clay Buff Hard	
755-785	" " "	
785-815	" " "	
815-845	Clay, Buff with Shale, Gray	
845-875	Clay with Caliche	
875-906	" " "	
906-937	Shale Red	
937-966	Clay, Buff	
966-997	" "	
997-1028	" "	
1028-1058	" "	
1058-1084	Clay, Pink, Sandy with Caliche (Santa Fe?)	
1084-1117	" " " " "	
1117-1147	" " " " "	
1147-1168	" " " " " with Biotite	
1168-1269	" " " " " " "	
1269-1328	Clay, Buff, Sandy with Gravel	
1328-1360	Clay, Buff with Shale, Gray	
1360-1389	" " " " "	
1389-1419	Shale, Gray	
1419-1449	" "	
1449-1479	Clay, Buff & Shale, Gray	
1479-1509	" " " " "	
1509-1539	" " " " "	
1539-1568	Shale, Hard, Gray & Red	
1568-1609	" " " " "	
1609-1664	" " " " "	
1664-1694	Clay, Brown	
1694-1720	Shale, Hard Gray & Red	
1720-1781	" " " " "	
1781-1814	Clay, Buff	
1814-1842	Shale, Red & Gray	
1842-1964	" " " " "	
1964-1994	Shale, Red	
1994-2024	" "	
2024-2053	Clay, Red, Rotten	
2053-2084	Shale Buff, Red	
2084-2108	Clay, Brown with Sand	
2108-2143	Shale, Gray	
2143-2173	" "	
2173-2230	Shale, Hard Gray & Red	

<u>DEPTH</u>	<u>FORMATION</u>
2230-2240	Rock
2240-2250	Shale
2250-2260	Limestone
2260-2270	Shale
2270-2280	Limestone
2280-2305	Shale, Sandy
2305-2390	Gypsum, Sandy
2390-2400	Shale
2400-2440	Sand, Very Fine
2440-2450	Shale, Sandy, Gray & Red
2450-2503	" " " " "
2503-2563	Shale, Gray, Hard
2563-2594	Shale, Gray & Red
2594-2663	Clay, Brown
2663-2713	Clay, Brown Sandy
2713-2744	" " "
2744-2774	{ Sand & Gypsum
2774-2791	{ Sand with Clay
2791-2806	" " "
2806-2836	Clay, Buff
2836-2868	Clay, Buff Sandy
2868-2898	" " "
2898-2929	" " "
2929-2959	Clay, Hard Greenish Gray
2959-2990	Shale, Greenish Gray
2990-3018	Shale, Gray
3018-3048	Sand & Clay
3048-3078	Clay, Buff
3078-3108	Gypsum & Clay, Buff
3108-3138	Clay, Buff
3138-3188	" "
3188-3197	" "
3197-3228	Clay, Greenish Gray
3228-3308	Clay, Sandy, Red
3308-3350	Clay, Greenish Gray
3350-3380	" " "
3380-3480	" " "
3480-3500	Clay, Brown

RAK:jjd

TEXAS WATER COMMISSION

GROUND-WATER DIVISION

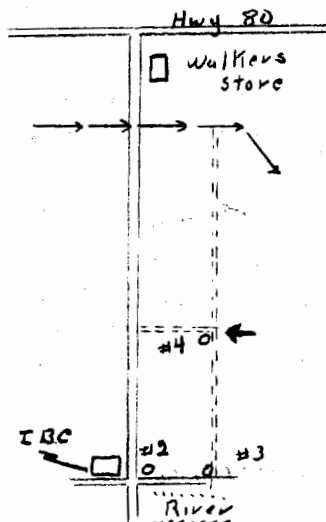
WELL SCHEDULE

Date 22 March, 19 62 Field No. 112
 Record by B. Baker Office No. #4
 Source of data Mr B. E. Walter

1. Location: County Hudspeth
 Map _____
 Survey _____
2. Owner: B. E. Walter Address _____
 Tenant _____ Address _____
 Driller Gutsy Address Los Cruces
3. Topography: Valley
4. Elevation: _____ ft. above
 _____ ft. below
5. Type: Dug, drilled, driven, bored, jetted 1954
6. Depth: Rept. 135 ft. Meas. _____ ft.
7. Casing: Diam. 18 in., to _____ in., Type _____
 Depth _____ ft., Finish gr pH
8. Chief Aquifer: Alluvial From _____ ft. to _____ ft.
 Others _____
- * 9. Water level: 18.27 ft. rept. 3-2 19 62 above Top
of Cas meas which is 54 ft. above surface
 below
10. Pump: Type 8" wintrouth Capacity _____ gpm
 Power: Kind Butane gas Horsepower _____
11. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept. Est. _____
 Drawdown _____ ft. after _____ hours pumping _____ gpm
12. Use: Dom., Stock, PS., RR., Ind., Obs. Irr.
 Adequacy, permanence _____
13. Quality: _____
 Temp. _____ °F Sample Yes _____
 No _____
14. Log: Yes _____
 No _____
15. Remarks: pump set 80'±
Casing started to top
 * well shut down about 1hr after pumping
2 weeks

48-42-717

Location



48-42-717

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Pollock Field No. WALKER #112 State Well No. 48-42-717
 Owner's Well No. _____ County HARRIS

1. Location: 1/4, 1/4 Sec. _____, Block _____ Survey _____

2. Owner: B. E. WALKER Address: FT. HANCOCK

Tenant: Buddy Carr Address: _____

Driller: Rayford Guffy Address: LOS CRUCES

3. Elevation of LSD is 3370 ft. above msl, determined by TOPO

4. Drilled: 19 54; Dug, Cable Tool, Rotary, _____

5. Depth: Rept. 135 ft. Meas. _____ ft.

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfg. NONE Type _____

No. Stages _____, Bore Diam. _____ in., Setting ±80 ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Fuel NONE Make & Model NONE HP. _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____

10. Performance Test: Date _____ Length of Test _____ Made by _____

Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.

Production _____ gpm Specific Capacity _____ gpm/ft.

11. Water Level 18.27 ft. rept. 3-2 1962 above top CSG which is 0 ft. above surface.
14.70 ft. rept. 12-10 1973 above M.P. for CSG which is .6 ft. above surface.
 _____ ft. rept. 19 below _____ ft. above surface.
 _____ ft. rept. 19 below _____ ft. above surface.

12. Use: Dom., Stock, Public Supply, Ind., 1973, Waterflooding, Observation, Not Used, _____

13. Quality: (Remarks on taste, odor, color, etc.) _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log, _____

Formation Samples, Pumping Test, _____

15. Record by: W. Buckner Date 12-10 1973

Source of Data Obs. & old schedule

16. Remarks: Open 18" CSG with cross tie over top

CSG slotted to top (12-10-73)

* Well shut down about 1 hr. after pumping 2 weeks (3-2-72)

CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft.	
		from	to
18	STEEL		

WELL SCREEN			
Screen Openings		Setting, ft.	
Diam. (in.)	Type	from	
		from	to

See 48-42-702

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer AdriaticField No. 11-18-74State Well No. 48-42-718

Owner's Well No. _____

County ADAMS1. Location: 1/4, 1/4 Sec., Block _____, Survey _____2. Owner: B. E. Walker Address: At. Hancock

Tenant: _____ Address: _____

Driller: Miller Bros Address: _____3. Elevation of LSD is 3520 ft. above msl, determined by Togo4. Drilled: 1972; Dug, Cable Tool, Rotary, _____5. Depth: Rept. 43 ft. Meas. _____ ft.6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed7. Pump: Mfr. Armstrong Type Turbine

No. Stages _____, Bore Diam. _____ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Fuel Gas Make & Model _____ HP.

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____

10. Performance Test: Date _____ Length of Test _____ Made by _____

Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.

Production _____ gpm Specific Capacity _____ gpm/ft.

11. Water Level: 15.75 ft. rept. 3-2 19 72 above 1.3 ft. above surface.

* _____ ft. rept. _____ 19 _____ below _____

_____ ft. rept. _____ 19 _____ above _____

_____ ft. rept. _____ 19 _____ below _____

_____ ft. rept. _____ 19 _____ above _____

_____ ft. rept. _____ 19 _____ below _____

12. Use: Dom., Stock, Public Supply, Ind. Irr., Waterflooding, Observation, Not Used, _____

13. Quality: (Remarks on taste, odor, color, etc.) _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log,

Formation Samples, Pumping Test, _____

15. Record by: WAYNE PARKER Date 12-18 19 73Source of Data Obs. & old schedule16. Remarks: 48" dia. pipe (12-18-73)* UTM - Pipe setting directly over old
(12-18-73)60" perf. pipe, setting 70'This well was the deep exploration test hole drilled by
Layne for HCCB. (3-2-62)

CASING & BLANK PIPE			
Cemented From		ft. to	
Diam. (in.)	Type	Setting, ft.	
		from	to
<u>16</u>	<u>ST 3 1/2"</u>		

WELL SCREEN			
Screen Openings			
Diam. (in.)	Type	Setting, ft.	
		from	to

See 11-18-74

THICKNESS (FEET)	DEPTH (FEET)
---------------------	-----------------

Well PD-48-42-733
 Owner: Hudspeth County Conservation &
 Reclamation District No. 1
 Driller: T. Boudreaux

Soil	4	4
Sand and adobe	14	18
Sand and silt	9	27
Sand and adobe	3	30
Sand	12	42
Gravel, sand and adobe	3	45
Gravel and sand (water-bearing), gravel 70%, sand 30%	9	54
Gravel and sand-gravel 20%, sand 80%	3	57
Gravel and sand and adobe- small % gravel	12	69
Sand and clay-clay 5%, sand 95%	48	117

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Redbrake
AlluviumField No. Bucc. 209State Well No. 48-40-209

Owner's Well No. _____

County Adair1. Location: 1/4, 1/4 Sec. _____, Block _____ Survey _____2. Owner: HCC & RD #1 Address: _____

Tenant: _____ Address: _____

Driller: T. Boudreaux - District Rig Address: _____3. Elevation of LSD is 3523 ft. above msl, determined by Topo4. Drilled: 12-14 1927; Dug, Cable Tool, Rotary, _____5. Depth: Rept. 112 ft. Meas. _____ ft.6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed7. Pump: Mfg. None Type _____

No. Stages _____, Bwls Diam. _____ in., Setting _____ ft.

Column Diam. _____ in., Length Tailpipe _____ ft.

8. Motor: Fuel None Make & Model None HP. _____

9. Yield: Flow _____ gpm, Pump _____ gpm, Meas., Rept., Est. _____

10. Performance Test: Date _____ Length of Test _____ Made by _____

Static Level _____ ft. Pumping Level _____ ft. Drawdown _____ ft.

Production _____ gpm Specific Capacity _____ gpm/ft.

11. Water Level: _____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.

_____ ft. rept. _____ 19 _____ above _____ which is _____ ft. above surface.

_____ ft. rept. _____ 19 _____ below _____ which is _____ ft. above surface.

_____ ft. rept. _____ 19 _____ below _____ which is _____ ft. below surface.

_____ ft. rept. _____ 19 _____ below _____ which is _____ ft. below surface.

12. Use: Dom., Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, Old drain well

13. Quality: (Remarks on taste, odor, color, etc.) _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

Temp. _____ °F, Date sampled for analysis _____ Laboratory _____

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log,

Formation Samples, Pumping Test, _____

15. Record by: W. Buckner Date 2-13 1974

Source of Data _____

16. Remarks: Old Bucc. Drain well #209, locatedfrom HCC & RD map.

CASING & BLANK PIPE			
Cemented From _____ ft. to _____ ft.			
Diam. (in.)	Type	Setting, ft.	
		From	to
18"	STEEL	0	117'

WELL SCREEN			
Screen Openings			
Diam. (in.)	Type	Setting, ft.	
		From	to
18"	Mill slot	10'	71'

LOG - WELL NO. 209 ✓

0 - 4 - Soil
4 - 18 - Sand and Adobe
18 - 27 - Sand & Silt
27 - 30 - Sand and Adobe
30 - 42 - Sand
42 - 45 - Gravel Sand and Adobe
45 - 54 - Gravel and Sand (Water Bearing) Gravel 70% Sand 30%
54 - 57 - Gravel and Sand - Gravel 20% Sand 80%
57 - 69 - Gravel and Sand and Adobe - Small % Gravel
69 - 117 - Sand and Clay - Clay 5% Sand 95%

REMARKS:-

Driller - T. Boudreaux - District Rig
Drilling began - Nov. 28, 1927
Drilling - Completed Dec. 14, 1927

Casing - 18" 10 Ga. Double Stove Pipe to 117'
Cemented Bottom

Perforated - Dec. 16, 1927
Perforations - 10 to 40' - 24 Rows 15" cts.
6 Slots per Row
40 to 71' - 37 Rows 10" cts.
10 Slots per Row

Upper Perforations - 2.02 Sq. Ft. Opening
Lower Perforations - 5.18 "
7.20 Sq. Ft. Opening

Water stood at 6' below top casing

Well took 50 Cu. Yds. Gravel during
drilling and testing.

Final Test Run 3-29-28

Bailed To 80' - 3-30-28

STATE OF TEXAS WELL REPORT for Tracking #298522

Owner:	FHISD	Owner Well #:	# 1
Address:	PO BOX 96 FORT HANCOCK, TX 79839	Grid #:	48-42-7
Well Location:	100 SCHOOL DRIVE AND ALAMEDA AVE FORT HANCOCK, TX 79839	Latitude:	31° 17' 24" N
		Longitude:	105° 50' 50" W
Well County:	Hudspeth	Elevation:	3534 ft. above sea level

Type of Work: **New Well**

Proposed Use: **Irrigation**

Drilling Start Date: **7/15/2012**

Drilling End Date: **7/15/2012**

	<i>Diameter (in.)</i>	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>
Borehole:	24	0	80

Drilling Method: **BUCKET RIG**

Borehole Completion: **Filter Packed**

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Filter Material</i>	<i>Size</i>
Filter Pack Intervals:	10	80	Gravel	3/8

	<i>Top Depth (ft.)</i>	<i>Bottom Depth (ft.)</i>	<i>Description (number of sacks & material)</i>
Annular Seal Data:	0	10	CEMENT

Seal Method: **Unknown**

Distance to Property Line (ft.): **100+**

Sealed By: **Unknown**

Distance to Septic Field or other
concentrated contamination (ft.): **200+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **TAPED**

Surface Completion: **Surface Slab Installed**

Water Level: **10 ft. below land surface on 2012-07-17** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible**

Well Tests: **Estimated** Yield: **200 GPM with 20 ft. drawdown after 24 hours**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	No Data

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which
contained injurious constituents?: **Unknown**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **ANTHONY PUMP & DRILLING**
2101 WASHINGTON
ANTHONY, NM 88021

Driller Name: **TERRY HERRING** License Number: **4767**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Casing:
BLANK PIPE & WELL SCREEN DATA

Top (ft.)	Bottom (ft.)	Description
0	15	BROWN TOPSOIL SANDY CLAY
15	20	GRAY FINE SAND
20	35	GRAY THICK CLAY
25	52	MEDIUM TO FINE SAND
52	65	MEDIUM SAND 1/2" GRAVEL
65	77	MEDIUM THICK CLAY
77	80	MEDIUM SILTY CLAY

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8"	NEW	SCH 40 PVC	0-20'
8"	NEW	PVC SCREEN	20-80' .050"

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540



ATTACHMENT 10

USDA SOIL SURVEY



United States
Department of
Agriculture

NRCS

Natural
Resources
Conservation
Service

A product of the National
Cooperative Soil Survey,
a joint effort of the United
States Department of
Agriculture and other
Federal agencies, State
agencies including the
Agricultural Experiment
Stations, and local
participants

Custom Soil Resource Report for **Hudspeth County, Main Part, Texas**



Preface

Soil surveys contain information that affects land use planning in survey areas. They highlight soil limitations that affect various land uses and provide information about the properties of the soils in the survey areas. Soil surveys are designed for many different users, including farmers, ranchers, foresters, agronomists, urban planners, community officials, engineers, developers, builders, and home buyers. Also, conservationists, teachers, students, and specialists in recreation, waste disposal, and pollution control can use the surveys to help them understand, protect, or enhance the environment.

Various land use regulations of Federal, State, and local governments may impose special restrictions on land use or land treatment. Soil surveys identify soil properties that are used in making various land use or land treatment decisions. The information is intended to help the land users identify and reduce the effects of soil limitations on various land uses. The landowner or user is responsible for identifying and complying with existing laws and regulations.

Although soil survey information can be used for general farm, local, and wider area planning, onsite investigation is needed to supplement this information in some cases. Examples include soil quality assessments (<http://www.nrcs.usda.gov/wps/portal/nrcs/main/soils/health/>) and certain conservation and engineering applications. For more detailed information, contact your local USDA Service Center (<https://offices.sc.egov.usda.gov/locator/app?agency=nrcs>) or your NRCS State Soil Scientist (http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/contactus/?cid=nrcs142p2_053951).

Great differences in soil properties can occur within short distances. Some soils are seasonally wet or subject to flooding. Some are too unstable to be used as a foundation for buildings or roads. Clayey or wet soils are poorly suited to use as septic tank absorption fields. A high water table makes a soil poorly suited to basements or underground installations.

The National Cooperative Soil Survey is a joint effort of the United States Department of Agriculture and other Federal agencies, State agencies including the Agricultural Experiment Stations, and local agencies. The Natural Resources Conservation Service (NRCS) has leadership for the Federal part of the National Cooperative Soil Survey.

Information about soils is updated periodically. Updated information is available through the NRCS Web Soil Survey, the site for official soil survey information.

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How Soil Surveys Are Made

Soil surveys are made to provide information about the soils and miscellaneous areas in a specific area. They include a description of the soils and miscellaneous areas and their location on the landscape and tables that show soil properties and limitations affecting various uses. Soil scientists observed the steepness, length, and shape of the slopes; the general pattern of drainage; the kinds of crops and native plants; and the kinds of bedrock. They observed and described many soil profiles. A soil profile is the sequence of natural layers, or horizons, in a soil. The profile extends from the surface down into the unconsolidated material in which the soil formed or from the surface down to bedrock. The unconsolidated material is devoid of roots and other living organisms and has not been changed by other biological activity.

Currently, soils are mapped according to the boundaries of major land resource areas (MLRAs). MLRAs are geographically associated land resource units that share common characteristics related to physiography, geology, climate, water resources, soils, biological resources, and land uses (USDA, 2006). Soil survey areas typically consist of parts of one or more MLRA.

The soils and miscellaneous areas in a survey area occur in an orderly pattern that is related to the geology, landforms, relief, climate, and natural vegetation of the area. Each kind of soil and miscellaneous area is associated with a particular kind of landform or with a segment of the landform. By observing the soils and miscellaneous areas in the survey area and relating their position to specific segments of the landform, a soil scientist develops a concept, or model, of how they were formed. Thus, during mapping, this model enables the soil scientist to predict with a considerable degree of accuracy the kind of soil or miscellaneous area at a specific location on the landscape.

Commonly, individual soils on the landscape merge into one another as their characteristics gradually change. To construct an accurate soil map, however, soil scientists must determine the boundaries between the soils. They can observe only a limited number of soil profiles. Nevertheless, these observations, supplemented by an understanding of the soil-vegetation-landscape relationship, are sufficient to verify predictions of the kinds of soil in an area and to determine the boundaries.

Soil scientists recorded the characteristics of the soil profiles that they studied. They noted soil color, texture, size and shape of soil aggregates, kind and amount of rock fragments, distribution of plant roots, reaction, and other features that enable them to identify soils. After describing the soils in the survey area and determining their properties, the soil scientists assigned the soils to taxonomic classes (units). Taxonomic classes are concepts. Each taxonomic class has a set of soil characteristics with precisely defined limits. The classes are used as a basis for comparison to classify soils systematically. Soil taxonomy, the system of taxonomic classification used in the United States, is based mainly on the kind and character of soil properties and the arrangement of horizons within the profile. After the soil

scientists classified and named the soils in the survey area, they compared the individual soils with similar soils in the same taxonomic class in other areas so that they could confirm data and assemble additional data based on experience and research.

The objective of soil mapping is not to delineate pure map unit components; the objective is to separate the landscape into landforms or landform segments that have similar use and management requirements. Each map unit is defined by a unique combination of soil components and/or miscellaneous areas in predictable proportions. Some components may be highly contrasting to the other components of the map unit. The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The delineation of such landforms and landform segments on the map provides sufficient information for the development of resource plans. If intensive use of small areas is planned, onsite investigation is needed to define and locate the soils and miscellaneous areas.

Soil scientists make many field observations in the process of producing a soil map. The frequency of observation is dependent upon several factors, including scale of mapping, intensity of mapping, design of map units, complexity of the landscape, and experience of the soil scientist. Observations are made to test and refine the soil-landscape model and predictions and to verify the classification of the soils at specific locations. Once the soil-landscape model is refined, a significantly smaller number of measurements of individual soil properties are made and recorded. These measurements may include field measurements, such as those for color, depth to bedrock, and texture, and laboratory measurements, such as those for content of sand, silt, clay, salt, and other components. Properties of each soil typically vary from one point to another across the landscape.

Observations for map unit components are aggregated to develop ranges of characteristics for the components. The aggregated values are presented. Direct measurements do not exist for every property presented for every map unit component. Values for some properties are estimated from combinations of other properties.

While a soil survey is in progress, samples of some of the soils in the area generally are collected for laboratory analyses and for engineering tests. Soil scientists interpret the data from these analyses and tests as well as the field-observed characteristics and the soil properties to determine the expected behavior of the soils under different uses. Interpretations for all of the soils are field tested through observation of the soils in different uses and under different levels of management. Some interpretations are modified to fit local conditions, and some new interpretations are developed to meet local needs. Data are assembled from other sources, such as research information, production records, and field experience of specialists. For example, data on crop yields under defined levels of management are assembled from farm records and from field or plot experiments on the same kinds of soil.

Predictions about soil behavior are based not only on soil properties but also on such variables as climate and biological activity. Soil conditions are predictable over long periods of time, but they are not predictable from year to year. For example, soil scientists can predict with a fairly high degree of accuracy that a given soil will have a high water table within certain depths in most years, but they cannot predict that a high water table will always be at a specific level in the soil on a specific date.

After soil scientists located and identified the significant natural bodies of soil in the survey area, they drew the boundaries of these bodies on aerial photographs and

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identified each as a specific map unit. Aerial photographs show trees, buildings, fields, roads, and rivers, all of which help in locating boundaries accurately.

Soil Map

The soil map section includes the soil map for the defined area of interest, a list of soil map units on the map and extent of each map unit, and cartographic symbols displayed on the map. Also presented are various metadata about data used to produce the map, and a description of each soil map unit.

Custom Soil Resource Report Soil Map



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MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

 Blowout

 Borrow Pit

 Clay Spot

 Closed Depression

 Gravel Pit

 Gravelly Spot

 Landfill

 Lava Flow

 Marsh or swamp

 Mine or Quarry

 Miscellaneous Water

 Perennial Water

 Rock Outcrop

 Saline Spot

 Sandy Spot

 Severely Eroded Spot

 Sinkhole

 Slide or Slip

 Sodic Spot

 Spoil Area

 Stony Spot

 Very Stony Spot

 Wet Spot

 Other

 Special Line Features

Water Features

 Streams and Canals

Transportation

 Rails

 Interstate Highways

 US Routes

 Major Roads

 Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:24,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Hudspeth County, Main Part, Texas
Survey Area Data: Version 18, Aug 30, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 6, 2021—Apr 3, 2021

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BGA	Belen, Glendale and Popotosa soils, 0 to 1 percent slopes, occasionally flooded	2.4	18.5%
CSD	Copia-Nations complex, 1 to 10 percent slopes	10.6	81.5%
Totals for Area of Interest		13.0	100.0%

Map Unit Descriptions

The map units delineated on the detailed soil maps in a soil survey represent the soils or miscellaneous areas in the survey area. The map unit descriptions, along with the maps, can be used to determine the composition and properties of a unit.

A map unit delineation on a soil map represents an area dominated by one or more major kinds of soil or miscellaneous areas. A map unit is identified and named according to the taxonomic classification of the dominant soils. Within a taxonomic class there are precisely defined limits for the properties of the soils. On the landscape, however, the soils are natural phenomena, and they have the characteristic variability of all natural phenomena. Thus, the range of some observed properties may extend beyond the limits defined for a taxonomic class. Areas of soils of a single taxonomic class rarely, if ever, can be mapped without including areas of other taxonomic classes. Consequently, every map unit is made up of the soils or miscellaneous areas for which it is named and some minor components that belong to taxonomic classes other than those of the major soils.

Most minor soils have properties similar to those of the dominant soil or soils in the map unit, and thus they do not affect use and management. These are called noncontrasting, or similar, components. They may or may not be mentioned in a particular map unit description. Other minor components, however, have properties and behavioral characteristics divergent enough to affect use or to require different management. These are called contrasting, or dissimilar, components. They generally are in small areas and could not be mapped separately because of the scale used. Some small areas of strongly contrasting soils or miscellaneous areas are identified by a special symbol on the maps. If included in the database for a given area, the contrasting minor components are identified in the map unit descriptions along with some characteristics of each. A few areas of minor components may not have been observed, and consequently they are not mentioned in the descriptions, especially where the pattern was so complex that it was impractical to make enough observations to identify all the soils and miscellaneous areas on the landscape.

The presence of minor components in a map unit in no way diminishes the usefulness or accuracy of the data. The objective of mapping is not to delineate pure taxonomic classes but rather to separate the landscape into landforms or landform segments that have similar use and management requirements. The delineation of such segments on the map provides sufficient information for the

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development of resource plans. If intensive use of small areas is planned, however, onsite investigation is needed to define and locate the soils and miscellaneous areas.

An identifying symbol precedes the map unit name in the map unit descriptions. Each description includes general facts about the unit and gives important soil properties and qualities.

Soils that have profiles that are almost alike make up a *soil series*. Except for differences in texture of the surface layer, all the soils of a series have major horizons that are similar in composition, thickness, and arrangement.

Soils of one series can differ in texture of the surface layer, slope, stoniness, salinity, degree of erosion, and other characteristics that affect their use. On the basis of such differences, a soil series is divided into *soil phases*. Most of the areas shown on the detailed soil maps are phases of soil series. The name of a soil phase commonly indicates a feature that affects use or management. For example, Alpha silt loam, 0 to 2 percent slopes, is a phase of the Alpha series.

Some map units are made up of two or more major soils or miscellaneous areas. These map units are complexes, associations, or undifferentiated groups.

A *complex* consists of two or more soils or miscellaneous areas in such an intricate pattern or in such small areas that they cannot be shown separately on the maps. The pattern and proportion of the soils or miscellaneous areas are somewhat similar in all areas. Alpha-Beta complex, 0 to 6 percent slopes, is an example.

An *association* is made up of two or more geographically associated soils or miscellaneous areas that are shown as one unit on the maps. Because of present or anticipated uses of the map units in the survey area, it was not considered practical or necessary to map the soils or miscellaneous areas separately. The pattern and relative proportion of the soils or miscellaneous areas are somewhat similar. Alpha-Beta association, 0 to 2 percent slopes, is an example.

An *undifferentiated group* is made up of two or more soils or miscellaneous areas that could be mapped individually but are mapped as one unit because similar interpretations can be made for use and management. The pattern and proportion of the soils or miscellaneous areas in a mapped area are not uniform. An area can be made up of only one of the major soils or miscellaneous areas, or it can be made up of all of them. Alpha and Beta soils, 0 to 2 percent slopes, is an example.

Some surveys include *miscellaneous areas*. Such areas have little or no soil material and support little or no vegetation. Rock outcrop is an example.

Hudspeth County, Main Part, Texas

BGA—Belen, Glendale and Popotosa soils, 0 to 1 percent slopes, occasionally flooded

Map Unit Setting

National map unit symbol: 2q3cm
Elevation: 3,000 to 4,000 feet
Mean annual precipitation: 8 to 11 inches
Mean annual air temperature: 62 to 67 degrees F
Frost-free period: 200 to 240 days
Farmland classification: Not prime farmland

Map Unit Composition

Glendale and similar soils: 32 percent
Popotosa and similar soils: 23 percent
Belen and similar soils: 17 percent
Minor components: 28 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Glendale

Setting

Landform: Flood plains
Landform position (three-dimensional): Tread
Down-slope shape: Linear
Across-slope shape: Linear
Parent material: Loamy alluvium derived from mixed

Typical profile

Ap - 0 to 11 inches: silt loam
Cz - 11 to 53 inches: silty clay loam
C - 53 to 80 inches: silty clay loam

Properties and qualities

Slope: 0 to 1 percent
Depth to restrictive feature: More than 80 inches
Drainage class: Well drained
Runoff class: Low
Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: Occasional
Frequency of ponding: None
Calcium carbonate, maximum content: 10 percent
Gypsum, maximum content: 2 percent
Maximum salinity: Very slightly saline to slightly saline (2.0 to 4.0 mmhos/cm)
Sodium adsorption ratio, maximum: 3.0
Available water supply, 0 to 60 inches: High (about 12.0 inches)

Interpretive groups

Land capability classification (irrigated): 2e
Land capability classification (nonirrigated): 7c
Hydrologic Soil Group: C
Ecological site: R042BB018NM - Bottomland, Desert Shrub

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Hydric soil rating: No

Description of Popotosa

Setting

Landform: Flood plains

Landform position (three-dimensional): Tread

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Loamy alluvium derived from mixed over sandy alluvium derived from mixed

Typical profile

Ap - 0 to 8 inches: sandy clay loam

C1 - 8 to 16 inches: fine sandy loam

2C2 - 16 to 80 inches: fine sand

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Well drained

Runoff class: Low

Capacity of the most limiting layer to transmit water (Ksat): Moderately high (0.20 to 0.57 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Occasional

Frequency of ponding: None

Calcium carbonate, maximum content: 8 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Sodium adsorption ratio, maximum: 2.0

Available water supply, 0 to 60 inches: Low (about 4.9 inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R042BB018NM - Bottomland, Desert Shrub

Hydric soil rating: No

Description of Belen

Setting

Landform: Flood plains

Landform position (three-dimensional): Tread, talf

Down-slope shape: Linear

Across-slope shape: Linear

Parent material: Clayey alluvium derived from mixed over loamy alluvium derived from mixed

Typical profile

A - 0 to 7 inches: clay loam

Cz1 - 7 to 14 inches: clay loam

Cz2 - 14 to 31 inches: clay

2C - 31 to 80 inches: sandy loam

Properties and qualities

Slope: 0 to 1 percent

Depth to restrictive feature: More than 80 inches

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Drainage class: Well drained

Runoff class: Medium

Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.20 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: Occasional

Frequency of ponding: None

Calcium carbonate, maximum content: 10 percent

Gypsum, maximum content: 2 percent

Maximum salinity: Very slightly saline to moderately saline (2.0 to 8.0 mmhos/cm)

Sodium adsorption ratio, maximum: 10.0

Available water supply, 0 to 60 inches: Moderate (about 8.2 inches)

Interpretive groups

Land capability classification (irrigated): 2e

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R042BB018NM - Bottomland, Desert Shrub

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 28 percent

Hydric soil rating: No

CSD—Copia-Nations complex, 1 to 10 percent slopes

Map Unit Setting

National map unit symbol: 1qs9k

Elevation: 3,000 to 4,000 feet

Mean annual precipitation: 8 to 11 inches

Mean annual air temperature: 62 to 67 degrees F

Frost-free period: 200 to 240 days

Farmland classification: Not prime farmland

Map Unit Composition

Copia and similar soils: 60 percent

Nations and similar soils: 15 percent

Minor components: 25 percent

Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Copia

Setting

Landform: Shrub-coppice dunes

Landform position (three-dimensional): Rise

Down-slope shape: Convex, linear

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Across-slope shape: Convex

Parent material: Eolian sands

Typical profile

C1 - 0 to 26 inches: fine sand

C2 - 26 to 80 inches: loamy fine sand

Properties and qualities

Slope: 2 to 10 percent

Depth to restrictive feature: More than 80 inches

Drainage class: Excessively drained

Runoff class: Very low

Capacity of the most limiting layer to transmit water (Ksat): High (1.98 to 5.95 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 5 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water supply, 0 to 60 inches: Low (about 4.6 inches)

Interpretive groups

Land capability classification (irrigated): None specified

Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: A

Ecological site: R042BB011NM - Deep Sand, Desert Shrub

Hydric soil rating: No

Description of Nations

Setting

Landform: Fan remnants

Landform position (three-dimensional): Dip

Down-slope shape: Concave

Across-slope shape: Concave, linear

Parent material: Eolian sands over alluvium

Typical profile

A - 0 to 6 inches: loamy fine sand

Bw - 6 to 24 inches: fine sandy loam

Bkkm - 24 to 42 inches: cemented material

Properties and qualities

Slope: 1 to 3 percent

Depth to restrictive feature: 20 to 40 inches to petrocalcic

Drainage class: Well drained

Runoff class: Negligible

Capacity of the most limiting layer to transmit water (Ksat): Very low to moderately low (0.00 to 0.06 in/hr)

Depth to water table: More than 80 inches

Frequency of flooding: None

Frequency of ponding: None

Calcium carbonate, maximum content: 15 percent

Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)

Available water supply, 0 to 60 inches: Very low (about 2.9 inches)

Interpretive groups

Land capability classification (irrigated): None specified

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Land capability classification (nonirrigated): 7c

Hydrologic Soil Group: C

Ecological site: R042BB012NM - Sandy, Desert Shrub

Hydric soil rating: No

Minor Components

Unnamed

Percent of map unit: 25 percent

Hydric soil rating: No

References

- American Association of State Highway and Transportation Officials (AASHTO). 2004. Standard specifications for transportation materials and methods of sampling and testing. 24th edition.
- American Society for Testing and Materials (ASTM). 2005. Standard classification of soils for engineering purposes. ASTM Standard D2487-00.
- Cowardin, L.M., V. Carter, F.C. Golet, and E.T. LaRoe. 1979. Classification of wetlands and deep-water habitats of the United States. U.S. Fish and Wildlife Service FWS/OBS-79/31.
- Federal Register. July 13, 1994. Changes in hydric soils of the United States.
- Federal Register. September 18, 2002. Hydric soils of the United States.
- Hurt, G.W., and L.M. Vasilas, editors. Version 6.0, 2006. Field indicators of hydric soils in the United States.
- National Research Council. 1995. Wetlands: Characteristics and boundaries.
- Soil Survey Division Staff. 1993. Soil survey manual. Soil Conservation Service. U.S. Department of Agriculture Handbook 18. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_054262
- Soil Survey Staff. 1999. Soil taxonomy: A basic system of soil classification for making and interpreting soil surveys. 2nd edition. Natural Resources Conservation Service, U.S. Department of Agriculture Handbook 436. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053577
- Soil Survey Staff. 2010. Keys to soil taxonomy. 11th edition. U.S. Department of Agriculture, Natural Resources Conservation Service. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053580
- Tiner, R.W., Jr. 1985. Wetlands of Delaware. U.S. Fish and Wildlife Service and Delaware Department of Natural Resources and Environmental Control, Wetlands Section.
- United States Army Corps of Engineers, Environmental Laboratory. 1987. Corps of Engineers wetlands delineation manual. Waterways Experiment Station Technical Report Y-87-1.
- United States Department of Agriculture, Natural Resources Conservation Service. National forestry manual. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/home/?cid=nrcs142p2_053374
- United States Department of Agriculture, Natural Resources Conservation Service. National range and pasture handbook. <http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/landuse/rangepasture/?cid=stelpdb1043084>

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United States Department of Agriculture, Natural Resources Conservation Service. National soil survey handbook, title 430-VI. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/soils/scientists/?cid=nrcs142p2_054242

United States Department of Agriculture, Natural Resources Conservation Service. 2006. Land resource regions and major land resource areas of the United States, the Caribbean, and the Pacific Basin. U.S. Department of Agriculture Handbook 296. http://www.nrcs.usda.gov/wps/portal/nrcs/detail/national/soils/?cid=nrcs142p2_053624

United States Department of Agriculture, Soil Conservation Service. 1961. Land capability classification. U.S. Department of Agriculture Handbook 210. http://www.nrcs.usda.gov/Internet/FSE_DOCUMENTS/nrcs142p2_052290.pdf

Rainee Trevino

From: Weber Wallerstein <wwallerstein@tr-eng.com>
Sent: Friday, October 24, 2025 9:03 AM
To: Rainee Trevino
Cc: Nadia Ganser; Adrian Rosas
Subject: Re: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter
Attachments: Response letter.pdf; Attachment 2 - 20972_PLS.pdf; Attachment 4 - 20971 - SPIF.pdf; Attachment 9 - USGS Well Map.pdf; Municipal Discharge Renewal Spanish NORI.docx

Categories: NOD Response Review

Good morning Ms. Trevino,

Please see the attached NOD Comment Response Letter along with the supporting documents. Let me know if you have any questions or need anything further.

Thank you,

Weber Wallerstein, E.I.T.
Project Manager
TRE & ASSOCIATES, LLC
6101 W. Courtyard Dr., Ste. 1-100
Austin, Texas 78730
P: 512.358.4049
F: 512.366.5374

From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Tuesday, October 21, 2025 8:57 AM
To: Weber Wallerstein <wwallerstein@tr-eng.com>
Cc: Nadia Ganser <nganser@tr-eng.com>
Subject: RE: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Good morning,

The response can be sent via email.

Rainee Trevino
Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Weber Wallerstein <wwallerstein@tr-eng.com>
Sent: Tuesday, October 21, 2025 8:51 AM
To: Raine Trevino <Raine.Trevino@tceq.texas.gov>
Cc: Nadia Ganser <nganser@tr-eng.com>
Subject: Re: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Good morning Ms. Trevino,

I am Weber Wallerstein and I am helping Ms. Ganser with the renewal of this domestic wastewater permit. I just wanted to confirm if the response could be submitted electronically or if it needs to be a hard copy submittal?

Thank you,

Weber Wallerstein, E.I.T.
Project Manager
TRE & ASSOCIATES, LLC
6101 W. Courtyard Dr., Ste. 1-100
Austin, Texas 78730
P: 512.358.4049
F: 512.366.5374

From: Raine Trevino <Raine.Trevino@tceq.texas.gov>
Sent: Monday, October 20, 2025 2:41 PM
To: Nadia Ganser <nganser@tr-eng.com>
Cc: Weber Wallerstein <wwallerstein@tr-eng.com>
Subject: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Dear Ms. Ganser,

The attached Notice of Deficiency letter sent on October 20, 2025, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by November 3, 2025.

Thank you,

Raine Trevino
Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324





Engineering Solutions

October 23, 2025

Via email: Rainee.Trevino@tceq.texas.gov

Texas Commission on Environmental Quality
Attn: Rainee Trevino-Water Quality Division
Application Review and Processing Team
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

**Re: Fort Hancock Water Control and Improvements District
Domestic Wastewater Permit Application
Administrative Review-Comment Response
Permit No. WQ00 11173001
TRE No.: 1732-12671-54**

Ms. Trevino

We received your comment dated October 20, 2025. We have addressed your comments/questions in the following manner:

1. USGS Topographic Map:
The map submitted does not indicate the discharge point. Please resubmit the map to include the labeled discharge point.

TRE Response: The map has been revised to show the discharge point. A new version of the USGS Topographic Map is included with this submittal.

2. Plain Language Summary:
The summaries submitted both in English and Spanish include the “no discharge” statement required only for Texas Land Application Permits (TLAP). The summaries must also include the final flow and not the interim phase flow. Please submit the summaries to include the final phase flow and without the “no discharge” statement.

TRE Response: The summaries in the Plain Language Summary Form have been revised to not include the “no discharge” statement and the interim phase flow replaced by the final phase flow.

3. Supplemental Permit Information Form, Item 1:
The description to the facility location is for facilities that do not have addresses. Please resubmit the SPIF with the address for the facility.

TRE Response: The SPIF has been revised to show the address instead of the description of the facility location.

Ms. Rainee Trevino
October 23, 2025
Page 2 of 3

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

APPLICATION. Fort Hancock Water Control and Improvement District, P.O. Box 65, Fort Hancock, Texas 79839, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0011173001 (EPA I.D. No. TX0129038) to authorize the disposal of treated wastewater via evaporation at a daily average flow not to exceed 33,000 gallons per day in the Interim Phase and the discharge of treated wastewater at a volume not to exceed a daily average flow of 452,000 gallons per day in the Final Phase. The domestic wastewater treatment facility is located at 101 Mason Street, in Hudspeth County, Texas 79839. The discharge route is from the plant site via pipe to manhole, thence to School Drain, thence to Middle Drain, thence to River Drain, thence to Rio Grande River Below Riverside Diversion Dam. TCEQ received this application on October 10, 2025. The permit application will be available for viewing and copying at Fort Hancock Water Control and Improvement District, Lobby, 1050 South Knox Avenue, Fort Hancock, in Hudspeth County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-105.841666,31.283055&level=18>

Further information may also be obtained from Fort Hancock Water Control and Improvement District at the address stated above or by calling Mr. Jorge Saldana, Operator, at 915-769-3931.

TRE Response: We have reviewed the information and concur with the language provided. Please revise the end of the third sentence from "Rio Grande River Below Riverside Diversion Dam" to say "Rio Grande River below Riverside Diversion Dam"?

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

TRE Response: The Spanish NORI template has been filled out and is included in this submittal.

TRE & Associates, LLC

Ms. Rainee Trevino

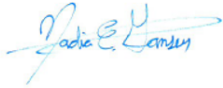
October 23, 2025

Page 3 of 3

If you should have any questions or require additional information, please contact me or (512) 358-4049 or nganser@tr-eng.com. Thank you in advance for your assistance on this matter.

Sincerely,

TRE & ASSOCIATES, LLC



Nadia E. Ganser, P.E.

Project Manager

NG:ja

Enclosures

cc: Jack Holt; Fort Hancock WCID (without attachments)
Mr. Weber Wallerstein, E.I.T.; TRE & Associates, LLC
Mr. Adrian Rosas, P.E.; TRE & Associates, LLC
TRE & Associates, LLC – File



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package.** For your convenience, a Spanish template has been provided below.

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

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

Forth Hancock Water Control and Improvement District (CN600629604) operates Fort Hancock Wastewater Treatment Facility (RN101720787), an evaporative pond facility. The facility is located at 101 Mason Street, in Fort Hancock, Hudspeth County, Texas 79839. Fort Hancock Water Control and Improvement District is applying for renewal to discharge 452,000 gallons per day of treated domestic wastewater in the Final Phase.

Discharges from the facility are expected to contain BOD5, Carbonaceous BOD5, Total Suspended Solids, and E. coli. Domestic sewage effluent is treated by evaporative ponds through aeration.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Forth Hancock Water Control and Improvement District (CN600629604) opera Fort Hancock Wastewater Treatment Facility (RN101720787), una **instalación de estanque evaporativo**. La instalación está ubicada en 101 Mason Street, en Fort Hancock, Condado de Hudspeth, Texas 79839. Fort Hancock Water Control and Improvement District está solicitando la renovación para descargar 452.000 galones por día de aguas residuales domésticas tratadas en la Fase Final.

Se espera que las descargas de la instalación contengan BOD5, Carbonaceous BOD5, solidos suspendidos totales, and E. coli.. **Efluentes de aguas residuales domésticas**. **está** tratado por estanques de evaporación mediante aireación .

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WO-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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 are not federal enforceable representations of the permit application.

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as “previously monitored effluents” (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Example 2: Domestic Wastewater TPDES Renewal application

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

This application is for a renewal to discharge at an annual average flow of 1,200,000 gallons per day of treated domestic wastewater via Outfalls 001 and 002.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 3: Domestic Wastewater TPDES New Application

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

The City of Texas (CN000000000) proposes to operate the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

This application is for a new application to discharge at a daily average flow of 200,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 4: Domestic Wastewater TLAP Renewal application

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 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations

of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

This application is for a renewal to dispose a daily average flow not to exceed 76,500 gallons per day of treated domestic wastewater via public access subsurface drip irrigation system with a minimum area of 32 acres. This permit will not authorize a discharge of pollutants into water in the state.

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD₅), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.

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: Fort Hancock Water Control and Improvements District

Permit No. WQ00 11173001EPA ID No. TX 0129038

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

101 Mason Street, Fort Hancock, Hudspeth County, Texas

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: Jorge Saldana

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

Title: Operator

Mailing Address: P.O. Box 65

City, State, Zip Code: Fort Hancock, Texas 79839-0065

Phone No.: (915) 769 - 3931 Ext.:

Fax No.:

E-mail Address: fthwcid1@yahoo.com

2. List the county in which the facility is located: Hudspeth
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.

Interim Phase: via evaporation in the drainage area of Rio Grande below Riverside Diversion Dam in Segment No. 2307 of the Rio Grande Basin. Final Phase: to School Drain, thence to Middle Drain, then to River Drain, thence to Rio Grande below Riverside Diversion Dam in Segment No. 2307

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

USGS MAP



LEGEND

- ## TWDB GROUNDWATER WELL

#####* WELL IDENTIFIER WITH PLUGGING REPORT



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



7.5-MINUTE TOPO QUADRANGLE
TEXAS - CUSTOM EXTENT
7.5-MINUTE TOPO

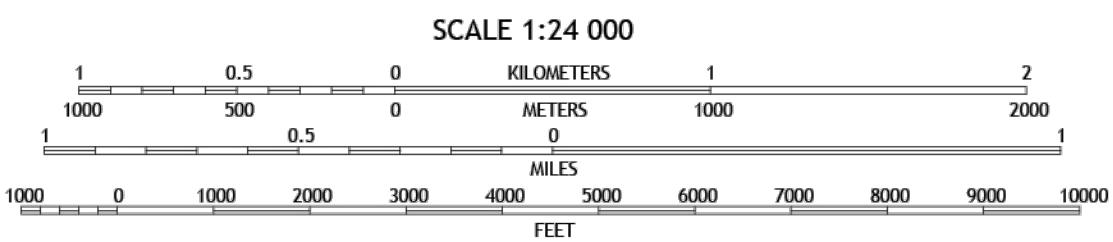
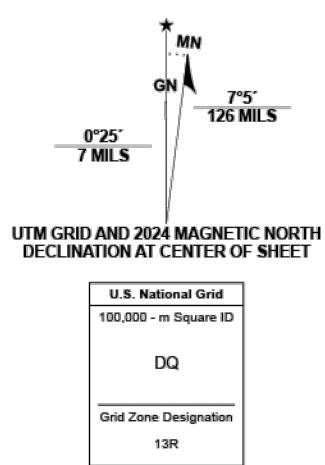


Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 13R
Data is provided by The National Map (TNM), is the best available at the time of map generation, and includes data content from supporting themes of Elevation
Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover,
and Orthoregistry. Refer to associated Federal Geographic Data Committee (FGDC)
Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands. Temporal changes may have occurred since these data were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: <https://nationalmap.gov>



QUADRANGLE LOCATION

Fort Hancock	Campo Grande Mountains
Mohrley	Esperanza

ADJOINING QUADRANGLE

ROAD CLASSIFICATION

Expressway		Local Connector	
Secondary Hwy		Local Road	
Ramp		4WD	

 Interstate Route  US Route  State Route

7.5-MINUTE TOPO, TX
2025

Rainee Trevino

From: Rainee Trevino
Sent: Thursday, October 30, 2025 11:38 AM
To: 'Weber Wallerstein'
Cc: Nadia Ganser; Adrian Rosas
Subject: RE: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Great, thanks for confirming. I have updated the Spanish NORI.

Rainee Trevino

Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Weber Wallerstein <wwallerstein@tr-eng.com>
Sent: Thursday, October 30, 2025 11:02 AM
To: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Cc: Nadia Ganser <nganser@tr-eng.com>; Adrian Rosas <arosas@tr-eng.com>
Subject: Re: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Good morning,

I apologize for the confusion. The contact will be Mr. Jorge Saldana.

Let me know if there is anything else I need to clarify or if you have any other questions.

Thank you,

Weber Wallerstein, E.I.T.
Project Manager
TRE & ASSOCIATES, LLC
6101 W. Courtyard Dr., Ste. 1-100
Austin, Texas 78730
P: 512.358.4049
F: 512.366.5374

From: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Sent: Thursday, October 30, 2025 10:54 AM
To: Weber Wallerstein <wwallerstein@tr-eng.com>
Cc: Nadia Ganser <nganser@tr-eng.com>; Adrian Rosas <arosas@tr-eng.com>
Subject: RE: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Good morning,

I am reviewing the NORI's again, and I wanted to confirm what contact should be listed in the NORI's. The application and English NORI have Mr. Jorge Saldana as the contact. The Spanish NORI has Ms. Nadia Ganser.

Rainee Trevino

Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Rainee Trevino
Sent: Wednesday, October 29, 2025 10:33 AM
To: 'Weber Wallerstein' <wwallerstein@tr-eng.com>
Cc: Nadia Ganser <nganser@tr-eng.com>; Adrian Rosas <arosas@tr-eng.com>
Subject: RE: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Good morning,

I apologize for the delayed response, I have been out of the office. All items are sufficient, and I have corrected the word "dan to dam" in the NORI.

Regards,

Rainee Trevino

Water Quality Division | ARP Team
Texas Commission on Environmental Quality
512-239-4324



From: Weber Wallerstein <wwallerstein@tr-eng.com>
Sent: Friday, October 24, 2025 9:03 AM
To: Rainee Trevino <Rainee.Trevino@tceq.texas.gov>
Cc: Nadia Ganser <nganser@tr-eng.com>; Adrian Rosas <arosas@tr-eng.com>
Subject: Re: Application to Renew Permit No. WQ0011173001 - Notice of Deficiency Letter

Good morning Ms. Trevino,

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. WQ0011173001

SOLICITUD. Fort Hancock Water Control and Improvement District, P.O. Box 65, Fort Hancock, Texas 79839, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0011173001 (EPA I.D. No. TX 0129038) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la eliminación de aguas residuales tratadas mediante evaporación a un caudal medio diario que no exceda los 33.000 galones por día en la Fase Interina y la descarga de aguas residuales tratadas en un volumen que no exceda un flujo promedio diario de 452.000 galones por día en la fase final. La planta está ubicada 101 Mason Street en el Condado de Hudspeth, Texas 79839. La ruta de descarga es del sitio de la planta a través de una tubería hasta una alcantarilla, de ahí a School Drain, de ahí a Middle Drain, de ahí a River Drain, de ahí al río Grande, aguas abajo de la presa de derivación de Riverside. La TCEQ recibió esta solicitud el 10 de octubre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Fort Hancock Water Control and Improvement District, Lobby, 1050 South Knox Avenue, Fort Hancock, en el Condado de Hudspeth, 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=-105.841666,31.283055&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 Fort Hancock Water Control and Improvement District a la dirección indicada arriba o llamando a Sr. Jorge Saldana, operador, al 915-769-3931.

Fecha de emisión: *[Date notice issued]*