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

English Plain Language Summary

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.

Lennar Homes of Texas Land and Construction, LTD and Wied, Laura & Jesse applied to the Texas Commission on Environmental Quality (TCEQ) for a New Texas Pollutant Discharge Elimination System (TPDES) Permit to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 600,000 gallons per day via a discharge point that flows into an unnamed intermittent stream, thence to North Creek, thence to Segment 1806B of Cypress Creek of the Guadalupe River Basin.

The domestic wastewater treatment facility will be located approximately 5,140 feet southeast of the intersection of US Hwy 87 and Hughes Ranch Rd, near the city of Comfort in Kendall County, Texas 78013. The permit application will be available for viewing and copying at Comfort Public Library, 701 High St, Comfort in Kendall County, Texas.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an MBR, and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize chlorine or UV disinfection.

j & a WASTEWATER

Spanish Plain Language Summary

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 exige 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 federal. representaciones ejecutables de la solicitud de permiso.

Lennar Homes of Texas Land and Construction, LTD y Wied, Laura & Jesse solicitaron a la Comisión de Calidad Ambiental de Texas (TCEQ) un nuevo permiso para el Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) para autorizar la eliminación de aguas residuales tratadas en un volumen que no exceder un flujo promedio diario de 600,000 galones por día a través de un punto de descarga que desemboca en un arroyo intermitente sin nombre, de allí a North Creek, de allí al segmento 1806B de Cypress Creek de la cuenca del río Guadalupe.

La instalación de tratamiento de aguas residuales domésticas estará ubicada aproximadamente a 5,140 pies al sureste de la intersección de US Hwy 87 y Hughes Ranch Rd, cerca de la ciudad de Comfort en el condado de Kendall, Texas 78013. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Pública de Comfort. , 701 High St, Comfort en el condado de Kendall, Texas.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante un MBR y el sistema tendrá una pantalla primaria, un tanque de ecualización, múltiples trenes de proceso que constan de zonas anóxicas, de aireación, de membrana y tanques de retención de lodos. La instalación utilizará cloro o desinfección UV.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PROPOSED PERMIT NO. WQ0016644001

APPLICATION. Lennar Homes of Texas Land and Construction, Ltd., Jesse Wied, and Laura Wied, 5505 Waterford District Drive, Miami, Florida 33126, have applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016644001 (EPA I.D. No. TX0146781) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 600,000 gallons per day. The domestic wastewater treatment facility will be located approximately 5,140 feet southeast of the intersection of Hughes Ranch Road and U.S. Highway 87, near the city of Comfort, in Kendall County, Texas 78013. The discharge route will be from the plant site to an unnamed tributary, thence to North Creek, thence to Cypress Creek, thence to Guadalupe River Above Canyon Lake. TCEQ received this application on October 10, 2024. The permit application will be available for viewing and copying at Comfort Public Library, 701 High Street, Comfort, in Kendall 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=-98.905277,30.031944&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.**

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 Lennar Homes of Texas Land and Construction, Ltd., Jesse Wied and Laura Wied at the address stated above or by calling Ms. Janela Revilla, JA Wastewater, LLC, at 737-864-3476.

Issuance Date: November 6, 2024

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

PERMISO PROPUESTO NO. WQ0016644001

SOLICITUD. Lennar Homes of Texas Land and Construction, Ltd., Jesse Wied y Laura Wied, 5505 Waterford District Drive, Miami, Florida 33126, han solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016644001 (EPA I.D. No. TX0146781) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 600,000 galones por día. La planta estará ubicada aproximadamente 5,140 pies al sureste de la intersección de Hughes Ranch Road y U.S. Highway 87, cerca de la ciudad de Comfort, en condado de Kendall, Texas 78013. La ruta de descarga estará del sitio de la planta a un afluente sin nombre, de allí a North Creek, de allí a Cypress Creek, de allí al río Guadalupe sobre el lago Canyon. La TCEQ recibió esta solicitud el 10 de octubre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Comfort Public Library, 701 High Street, Comfort, en el condado de Kendall, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-98.905277,30.031944&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.

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. Ademas, puede pedir que la TCEQ ponga su nombre en una or mas de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante

indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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.

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.

También se puede obtener información adicional Lennar Homes of Texas Land and Construction, Ltd., Jesse Wied, Laura Wied a la dirección indicada arriba o llamando a Janela Revilla, JA Wastewater, al (737) 864-3476.

Fecha de emisión el 6 de noviembre de 2024

Comfort 590
Wastewater Treatment Facility

TCEQ Application for New TPDES Permit

Submitted to
Texas Commission on Environmental Quality

October 2024

J & A WASTEWATER

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Lennar Homes of Texas Land and Construction, LTD and Wied Laura & Jesse

PERMIT NUMBER (If new, leave blank): WQ00

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	☒	☐
Public Involvement Plan Form	☒	☐	Flow Diagram	☒	☐
Technical Report 1.0	☒	☐	Site Drawing	☒	☐
Technical Report 1.1	☒	☐	Original Photographs	☒	☐
Worksheet 2.0	☒	☐	Design Calculations	☒	☐
Worksheet 2.1	☐	☒	Solids Management Plan	☒	☐
Worksheet 3.0	☐	☒	Water Balance	☐	☒
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:

Check/Money Order Amount:

Name Printed on Check:

EPAY Voucher Number:

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 Wastewater Treatment

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

☐ Active ☒ Inactive

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

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

Transaction Information

Trace Number:	582EA000627873
Date:	10/04/2024 10:31 AM
Payment Method:	CC - Authorization 0000078754
ePay Actor:	RICHARD MOTT
Actor Email:	richard.mott@lennar.com
IP:	204.109.18.254
TCEQ Amount:	$1,650.00
Texas.gov Price:	$1,687.38*

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

Payment Contact Information

Name:	RICHARD MOTT
Company:	LENNAR CORPORATION
Address:	5505 WATERFORD DISTRICT DR, MIAMI, FL 33126
Phone:	305-485-2081

Cart Items

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
723969	WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS		$1,600.00
723970	30 TAC 305.53B WQ NOTIFICATION FEE		$50.00
		TCEQ Amount:	$1,650.00

ePay Again | Exit ePay

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

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: N/A

f. For existing permits:

Permit Number: WQ00 N/A

EPA I.D. (TPDES only): TX N/A

Expiration Date: N/A

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

Lennar Homes of Texas Land and Construction, LTD

(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: 602412207

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: Mott, Richard

Title: VP of Land Development Credential:

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?

Wied, Laura & Jesse

(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: 605824929 (Wied, Laura) & 605824911 (Wied, Jesse)

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: Last Name, First Name: Wied, Laura & Jesse

Title: Landowners Credential:

Provide a brief description of the need for a co-permittee: Landowners are a co-applicant

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. Core Data Form (Lennar Homes), Core Data Form (Wied, Laura), Core Data Form (Wied, Jesse)

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: Jamie

Title: President Credential: P.E.

Organization Name: JA Wastewater, LLC

Mailing Address: 5765 Fig Way City, State, Zip Code: Arvada, CO 80002

Phone No.: (970) 443 9096 E-mail Address: jmiller@jawastewater.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Ms. Last Name, First Name: Revilla, Janela

Title: Project Engineer Credential: E.I.T.

Organization Name: JA Wastewater, LLC

Mailing Address: 5765 Fig Way City, State, Zip Code: Arvada, CO 80002

Phone No.: (737) 864-3476 E-mail Address: jrevilla@jawastewater.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: Revilla, Janela

Title: Project Engineer Credential: jrevilla@jawastewater.com

Organization Name: JA Wastewater, LLC

Mailing Address: 5765 Fig Way City, State, Zip Code: Arvada, CO 80002

Phone No.: (737) 864-3476 E-mail Address: jrevilla@jawastewater.com

B. Prefix: Mr. Last Name, First Name: Mott, Richard

Title: VP of Land Development Credential:

Organization Name: Lennar Homes of Texas Land and Construction, LTD

Mailing Address: 5505 Waterford District Dr City, State, Zip Code: Miami, FL 33126-2029

Phone No.: (210) 889-5516 E-mail Address: richard.mott@lennar.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: Mott, Richard

Title: VP of Land Development Credential:

Organization Name: Lennar Homes of Texas Land and Construction, LTD

Mailing Address: 5505 Waterford District Dr City, State, Zip Code: Miami, FL 33126-2029

Phone No.: (210) 889-5516 E-mail Address: richard.mott@lennar.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: Mott, Richard

Title: VP of Land Development Credential:

Organization Name: Lennar Homes of Texas Land and Construction, LTD

Mailing Address: 5505 Waterford District Dr City, State, Zip Code: Miami, FL 33126-2029

Phone No.: (210) 889-5516 E-mail Address: richard.mott@lennar.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Revilla, Janela

Title: Project Engineer Credential: E.I.T.

Organization Name: JA Wastewater, LLC

Mailing Address: 5765 Fig Way City, State, Zip Code: Arvada, CO 80002

Phone No.: (737) 864-3476 E-mail Address: jrevilla@jawastewater.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms. Last Name, First Name: Revilla, Janela

Title: Project Engineer Credential: E.I.T.

Organization Name: JA Wastewater, LLC

Mailing Address: 5765 Fig Way City, State, Zip Code: Arvada, CO 80002

Phone No.: (737) 864-3476 E-mail Address: jrevilla@jawastewater.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: Comfort Public Library

Location within the building: Circulation Desk

Physical Address of Building: 701 High St

City: Comfort County: Kendall

Contact (Last Name, First Name): Ballard, Jasmine

Phone No.: (830) 995-2398 Ext.:

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. Plain Language Summary Template

Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment.

Attachment: Plain Language Summary

G. Public Involvement Plan Form

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

Attachment: Public Involvement Plan Form

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** N/A

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):

Comfort 590 WWTF

C. Owner of treatment facility: Lennar Homes of Texas Land and Construction, LTD

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

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

Prefix: Last Name, First Name: Wied, Laura & Jesse

Title: Landowner Credential:

Organization Name: None

Mailing Address: 413 US Hwy 87 City, State, Zip Code: Comfort, TX 78013

Phone No.: E-mail Address:

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

Attachment: N/A

E. Owner of effluent disposal site:

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

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

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☒ No

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

The WWTF will be located approximately 5,140 feet southeast of the intersection of US Hwy 87 and Hughes Ranch Rd, near the city of Comfort in Kendall County, Texas 78013.

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:

The discharge point flows into an unnamed intermittent stream, thence to North Creek, thence to Segment 1806B of Cypress Creek of the Guadalupe River Basin.

City nearest the outfall(s): Comfort

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

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:

N/A

B. City nearest the disposal site: N/A

C. County in which the disposal site is located: N/A

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

N/A

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: N/A

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.

N/A

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: N/A

Amount past due: N/A

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If **yes**, please provide the following information:

Enforcement order number: N/A

Amount past due: N/A

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: N/A

Section 14. Signature Page (Instructions Page 34)

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

Permit Number:

Applicant: Lennar Homes of Texas Land and Construction, LTD

Certification:

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

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

Signatory name (typed or printed): Richard Mott

Signatory title: VP of Land Development

Signature: _____ Date: 10/1/2024

(Use blue ink)

Subscribed and Sworn to before me by the said Richard Mott

on this 1st day of October, 2024.

My commission expires on the 29th day of June, 2026.

_____

Notary Public

JOSHUA C SCATES
Notary ID #129847013
My Commission Expires
June 29, 2026

[SEAL]

Bexar

County, Texas

Section 14. Signature Page (Instructions Page 34)

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

Permit Number:

Applicant: Wied, Laura

Certification:

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

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

Signatory name (typed or printed): Wied, Laura

Signatory title: Landowner

Signature: Laura C Wied Date: 10-1-24

(Use blue ink)

Subscribed and Sworn to before me by the said Laura Weid

on this October day of 1st, 20 24.

My commission expires on the 29th day of June, 20 26.

Notary Public

JOSHUA C SCATES
Notary ID #129847013
My Commission Expires
June 29, 2026

[SEAL]

Texas
County, Texas

Section 14. Signature Page (Instructions Page 34)

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

Permit Number:

Applicant: Wied, Jesse

Certification:

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

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

Signatory name (typed or printed): Wied, Jesse

Signatory title: Landowner

Signature: _____ Date: 10 - 1 - 24

(Use blue ink)

Subscribed and Sworn to before me by the said Jesse Wied

on this 1st day of October, 20 24.

My commission expires on the 29 day of June, 20 24.

_____

Notary Public

JOSHUA C SCATES
Notary ID #129847013
My Commission Expires
June 29, 2026

[SEAL]

Bexar

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 in which format the landowners list is submitted:

☐ USB Drive ☒ Four sets of labels

D. Provide the source of the landowners' names and mailing addresses: Kendall County Appraisal District Map

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):

N/A

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: SPIF Map

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): Ms.

Full legal name (Last Name, First Name, Middle Initial): Wied, Laura

Driver's License or State Identification Number: [redacted]

Date of Birth: [redacted]

Mailing Address: 413 US Hwy 87

City, State, and Zip Code: Comfort, TX 78013

Phone Number: (318) 680-3820 Fax Number: None

E-mail Address: lcagewied@gmail.com

CN: 605824929

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:

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):

Full legal name (Last Name, First Name, Middle Initial): Wied, Jesse

Driver's License or State Identification Number: [redacted]

Date of Birth: [redacted]

Mailing Address: 413 US Hwy 87

City, State, and Zip Code: Comfort, TX 78013

Phone Number: (318) 680-3820 Fax Number: None

E-mail Address: wied3@icloud.com

CN: 605824911

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:

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: Lennar Homes of Texas Land and Construction, LTD

   Permit No. WQ00 Click here to enter text. EPA ID No. TX Click here to enter text.

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

   The WWTF will be located approximately 5,140 feet southeast of the intersection of US Hwy 87 and Hughes Ranch Rd, near the city of Comfort in Kendall County, Texas 78013.

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: Richard Mott

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

Title: VP of Land Development

Mailing Address: 5505 Waterford District Dr

City, State, Zip Code: Miami, FL 33126-2029

Phone No.: (210) 889-5516 Ext.: None Fax No.: None

E-mail Address: richard.mott@lennar.com

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

Wied, Laura & Jess

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

The discharge point flows into an unnamed intermittent stream, thence to North Creek, thence to Segment 1806B of Cypress Creek of the Guadalupe River Basin.

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

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

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

- ☐ Proposed access roads, utility lines, construction easements
- ☐ Visual effects that could damage or detract from a historic property's integrity
- ☐ Vibration effects during construction or as a result of project design
- ☐ Additional phases of development that are planned for the future
- ☐ Sealing caves, fractures, sinkholes, other karst features

☐ Disturbance of vegetation or wetlands

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

N/A

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

Area is current undeveloped land.

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.

Area is being developed by Lennar Homes of Texas Land and Construction, LTD

English Plain Language Summary

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.

Lennar Homes of Texas Land and Construction, LTD and Wied, Laura & Jesse applied to the Texas Commission on Environmental Quality (TCEQ) for a New Texas Pollutant Discharge Elimination System (TPDES) Permit to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 600,000 gallons per day via a discharge point that flows into an unnamed intermittent stream, thence to North Creek, thence to Segment 1806B of Cypress Creek of the Guadalupe River Basin.

The domestic wastewater treatment facility will be located approximately 5,140 feet southeast of the intersection of US Hwy 87 and Hughes Ranch Rd, near the city of Comfort in Kendall County, Texas 78013. The permit application will be available for viewing and copying at Comfort Public Library, 701 High St, Comfort in Kendall County, Texas.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. Domestic wastewater will be treated by an MBR, and the system will have a primary screen, equalization tank, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize chlorine or UV disinfection.

j & a WASTEWATER

Spanish Plain Language Summary

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 exige 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 federal. representaciones ejecutables de la solicitud de permiso.

Lennar Homes of Texas Land and Construction, LTD y Wied, Laura & Jesse solicitaron a la Comisión de Calidad Ambiental de Texas (TCEQ) un nuevo permiso para el Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) para autorizar la eliminación de aguas residuales tratadas en un volumen que no exceder un flujo promedio diario de 600,000 galones por día a través de un punto de descarga que desemboca en un arroyo intermitente sin nombre, de allí a North Creek, de allí al segmento 1806B de Cypress Creek de la cuenca del río Guadalupe.

La instalación de tratamiento de aguas residuales domésticas estará ubicada aproximadamente a 5,140 pies al sureste de la intersección de US Hwy 87 y Hughes Ranch Rd, cerca de la ciudad de Comfort en el condado de Kendall, Texas 78013. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Pública de Comfort. , 701 High St, Comfort en el condado de Kendall, Texas.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante un MBR y el sistema tendrá una pantalla primaria, un tanque de ecualización, múltiples trenes de proceso que constan de zonas anóxicas, de aireación, de membrana y tanques de retención de lodos. La instalación utilizará cloro o desinfección UV.

TCEQ Use Only

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 602412207		**RN None**

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy) 9/18/2024

☐ 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)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* *If new Customer, enter previous Customer below:*

Lennar Homes of Texas Land and Construction, LTD

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
0011452910	17527920189		

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☒ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☒ 501 and higher

13. Independently Owned and Operated?
☒ **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
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:	5505 Waterford District Dr						
	City	Miami	**State**	FL	**ZIP**	33126	**ZIP + 4** 2029

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
N/A	richard.mott@lennar.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(210) 889-5516	None	( ) -

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

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).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Comfort 590 WWTF

23. Street Address of the Regulated Entity: ***(No PO Boxes)***								
	City	Comfort	**State**	TX	**ZIP**	78013	**ZIP + 4**	
24. County								

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

25. Description to Physical Location:	The WWTF will be located approximately 5,140 feet southeast of the intersection of US Hwy 87 and Hughes Ranch Rd, near the city of Comfort in Kendall County, Texas 78013.

26. Nearest City	State	Nearest ZIP Code
Comfort	TX	78013

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).

27. Latitude (N) In Decimal:	30.0320N		28. Longitude (W) In Decimal:	98.9054W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	01	55.20	-98	54	19.44

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)

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Wastewater Treatment

34. Mailing Address:	**5505 Waterford District Dr**							
	City	**Miami**	**State**	**FL**	**ZIP**	**33126**	**ZIP + 4**	**2029**
35. E-Mail Address:	**richard.mott@lennar.com**							

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(210) 889-5516	**None**	**( ) -**

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:

SECTION IV: Preparer Information

40. Name:	Janela Revilla		**41. Title:**	Project Engineer
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**	
(737) 864-3476	None	( ) -	jrevilla@jawastewater.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:	Lennar Homes of Texas Land and Construction, LTD	**Job Title:**	VP of Land Development
Name *(In Print):*	Richard Mott	**Phone:**	(210) 889- 5516
Signature:		**Date:**	10/17/2024

TCEQ Use Only

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 605824929		**RN None**

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy) 9/18/2024

☐ 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)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* *If new Customer, enter previous Customer below:*

Wied, Laura

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:

12. Number of Employees
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ **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
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:

413 US Hwy 87

City	Comfort	**State**	TX	**ZIP**	78013	**ZIP + 4**	

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
N/A	

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
( ) -	None	( ) -

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

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).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Comfort 590 WWTF

23. Street Address of the Regulated Entity: ***(No PO Boxes)***								
	City	Comfort	**State**	TX	**ZIP**	78013	**ZIP + 4**	
24. County	Kendall							

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

25. Description to Physical Location:	The WWTF will be located approximately 5,140 feet southeast of the intersection of US Hwy 87 and Hughes Ranch Rd, near the city of Comfort in Kendall County, Texas 78013.

26. Nearest City	State	Nearest ZIP Code
Comfort	TX	78013

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).

27. Latitude (N) In Decimal:	30.0320N		28. Longitude (W) In Decimal:	98.9054W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	01	55.20	-98	54	19.44

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)

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Wastewater Treatment

34. Mailing Address:	**5505 Waterford District Dr**							
	City	**Miami**	**State**	**FL**	**ZIP**	**33126**	**ZIP + 4**	**2029**
35. E-Mail Address:	**richard.mott@lennar.com**							

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
( ) -	**None**	( ) -

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:

SECTION IV: Preparer Information

40. Name:	Janela Revilla	41. Title:	Project Engineer

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(737) 864-3476	None	( ) -	jrevilla@jawastewater.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:	None Laura Wied	**Job Title:**	Owner (LAND)
Name *(In Print):*	Wied, Laura	**Phone:**	318 680-3820
Signature:	Laura Wied	**Date:**	10-1-24

TCEQ Use Only

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 605824911		**RN None**

SECTION II: Customer Information

4. General Customer Information	**5. Effective Date for Customer Information Updates** (mm/dd/yyyy)	9/18/2024

☐ 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)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)*	*If new Customer, enter previous Customer below:*
Wied, Jesse	

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:

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
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:	413 US Hwy 87						
	City	Comfort	**State**	TX	**ZIP**	78013	**ZIP + 4**

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
N/A	

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
( ) -	None	( ) -

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

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).

22. Regulated Entity Name *(Enter name of the site where the regulated action is taking place.)*

Comfort 590 WWTF

23. Street Address of the Regulated Entity: ***(No PO Boxes)***								
	City	Comfort	**State**	TX	**ZIP**	78013	**ZIP + 4**	
24. County	Kendall							

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

25. Description to Physical Location:	The WWTF will be located approximately 5,140 feet southeast of the intersection of US Hwy 87 and Hughes Ranch Rd, near the city of Comfort in Kendall County, Texas 78013.

26. Nearest City	State	Nearest ZIP Code
Comfort	TX	78013

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).

27. Latitude (N) In Decimal:	30.0320N		28. Longitude (W) In Decimal:	98.9054W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	01	55.20	-98	54	19.44

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)

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Wastewater Treatment

34. Mailing Address:	**5505 Waterford District Dr**							
	City	**Miami**	**State**	**FL**	**ZIP**	**33126**	**ZIP + 4**	**2029**
35. E-Mail Address:	**richard.mott@lennar.com**							

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
( ) -	**None**	( ) -

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:

SECTION IV: Preparer Information

40. Name:	Janela Revilla		**41. Title:**	Project Engineer
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**	
(737) 864-3476	None	( ) -	jrevilla@jawastewater.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:	None Jesse Wied	**Job Title:**	Land Owner
Name *(In Print):*	Wied, Jesse	**Phone:**	318 280-3819
Signature:	Jesse Wied	**Date:**	10-1-24

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

☒ New Permit or Registration Application

☐ New Activity – modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

☒ Requires public notice,

☐ Considered to have significant public interest, **and**

☒ Located within any of the following geographical locations:

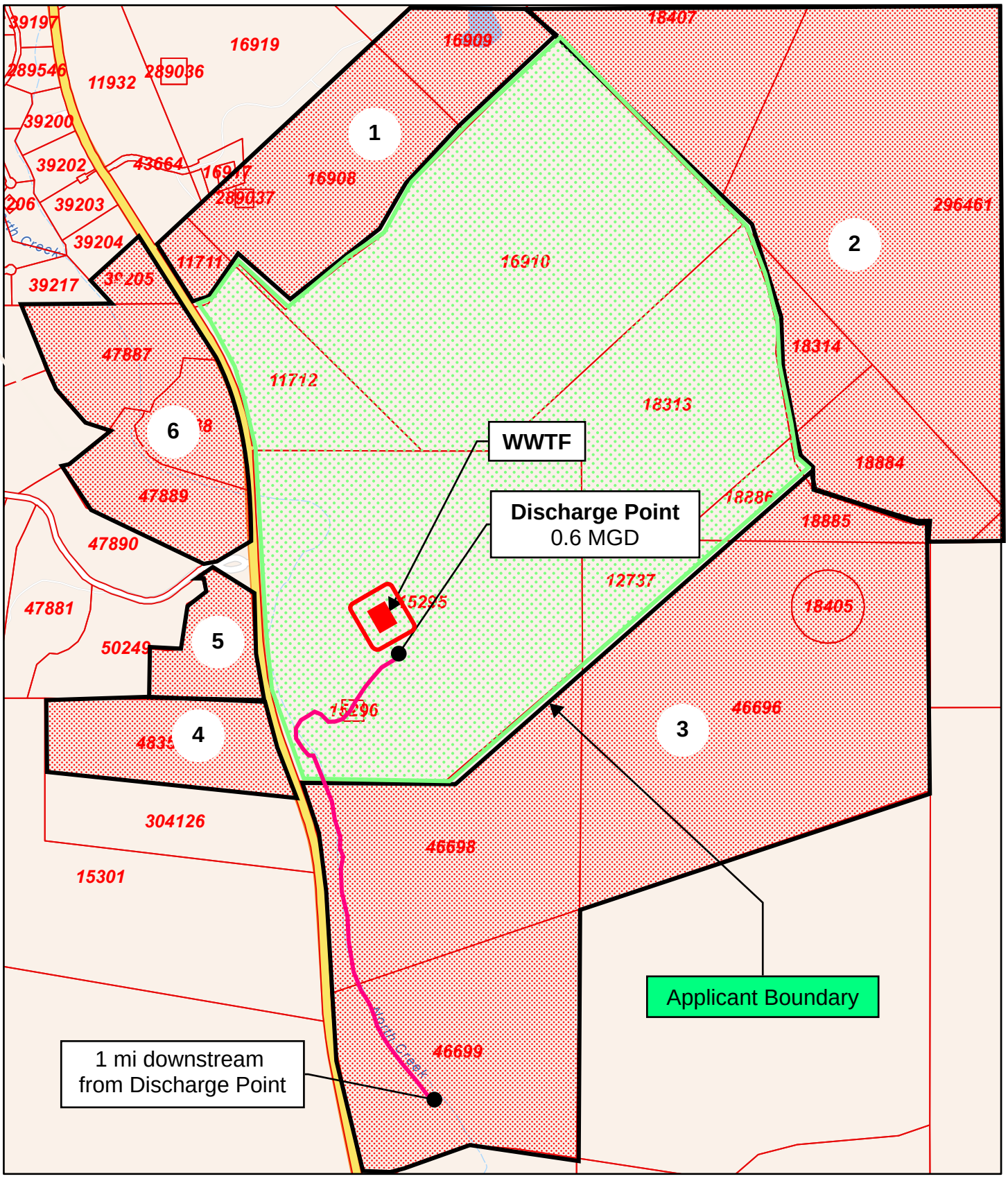
- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.

☒ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

This project is not considered to have significant public interest.

Comfort 590 WWTF - Affected Landowner Map



9/23/2024, 6:59:49 PM

Parcels

1:18,056

0 0.13 0.25 0.5 mi

0 0.2 0.4 0.8 km

J & A WASTEWATER

Texas Parks & Wildlife, CONANP, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

Kendall County Appraisal District, BIS Consulting - www.bisconsulting.com

Comfort 590 WWTF - Affected Landowner List

	Address Source:	https://gis.bisclient.com/kendallcad/	3-Sep-24
Map Label	**Property ID Number**	**Owner Name**	**Mailing Address**
1	11711, 16908, 16909	HUGHES PARTNERS LTD	PO BOX 510 COMFORT, TX 78013-0510
2	8407, 296461, 18314, 1888	GILES JOHN GEOFFREY	P O BOX 912 COMFORT, TX 78013
3	18885, 46696, 46698	NORTH CREEK VEMULAPALLI LP	21 REMINGTON RUN SAN ANTONIO, TX 78258-7708
4	48352	WIEDENFELD PAUL C	2920 VERNON ST NEDERLAND, TX 77627-6335
5	47880	NASH MARK J & JENNIFER	5835 PRICE ROAD MACON, GA 31220
6	47889, 47888, 47887	ZACHMAN CHRISTOPHER T & MARICEL	12638 STAGECOACH LN HELOTES, TX 78023

j&a WASTEWATER

HUGHES PARTNERS LTD
PO BOX 510
COMFORT TX 78013-0510

GILES JOHN GEOFFREY
PO BOX 912
COMFORT TX 78013

NORTH CREEK VEMULAPALLI LP
21 REMINGTON RUN
SAN ANTONIO TX 78258-7708

WIEDENFELD PAUL C
2920 VERNON ST
NEDERLAND TX 77627-6335

NASH MARK J & JENNIFER
5835 PRICE ROAD
MACON GA 31220

ZACHMAN CHRISTOPHER T &
MARICEL
12638 STAGECOACH LN
HELOTES TX 78023

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 57-57-901

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5757901
County	Kendall
River Basin	Guadalupe
Groundwater Management Area	9
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Cow Creek GCD
Latitude (decimal degrees)	30.029444
Latitude (degrees minutes seconds)	30° 01' 46" N
Longitude (decimal degrees)	-98.906389
Longitude (degrees minutes seconds)	098° 54' 23" W
Coordinate Source	+/- 1 Second
Aquifer Code	218GRLH - Glen Rose Limestone, Lower and Hensell Shale Mbr of Pearsall Formation
Aquifer	Trinity
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1580
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	356
Well Depth Source	Memory of Owner
Drilling Start Date	
Drilling End Date	0/0/1945
Drilling Method	Cable Tool
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Stock
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	L.C Wiggins
Driller	L. Bergmann & Sons Water Well Drilling
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	10/20/1998
Last Update Date	10/20/1998

Remarks	Reported yield 40 GPM in 1965.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
6	Blank	Steel			0	316
6	Screen				316	356

Well Tests - No Data

Lithology - No Data

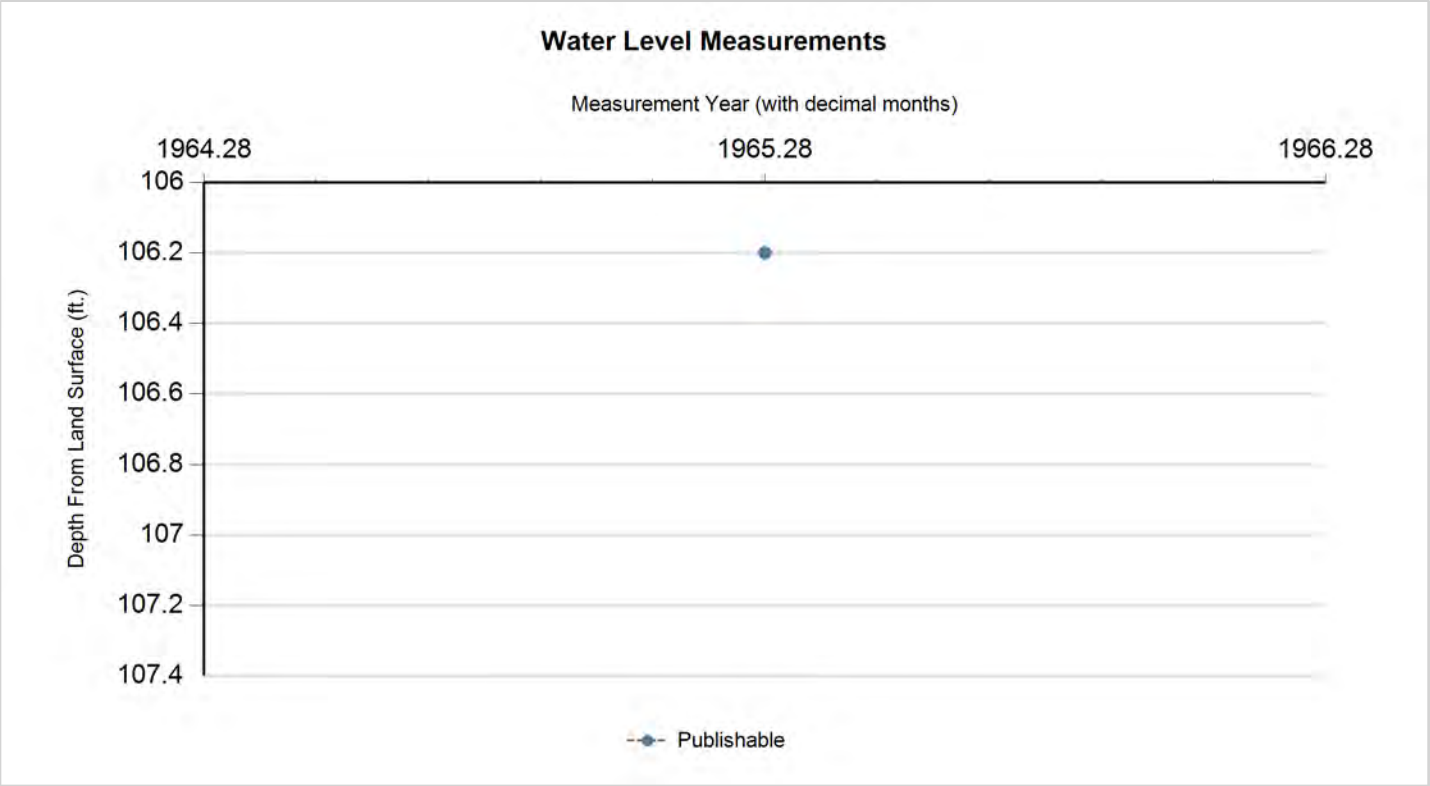
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/13/1965		106.2		1473.8	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 57-57-902

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5757902
County	Kendall
River Basin	Guadalupe
Groundwater Management Area	9
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Cow Creek GCD
Latitude (decimal degrees)	30.026944
Latitude (degrees minutes seconds)	30° 01' 37" N
Longitude (decimal degrees)	-98.897222
Longitude (degrees minutes seconds)	098° 53' 50" W
Coordinate Source	+/- 1 Second
Aquifer Code	218GRLH - Glen Rose Limestone, Lower and Hensell Shale Mbr of Pearsall Formation
Aquifer	Trinity
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1673
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	370
Well Depth Source	Driller's Log
Drilling Start Date	
Drilling End Date	10/10/1963
Drilling Method	Cable Tool
Borehole Completion	Open Hole

Well Type	Withdrawal of Water
Well Use	Stock
Water Level Observation	Miscellaneous Measurements
Water Quality Available	No
Pump	Piston
Pump Depth (feet below land surface)	
Power Type	Windmill
Annular Seal Method	
Surface Completion	
Owner	T. Bailey
Driller	L. Bergmann & Sons Water Well Drilling
Other Data Available	Drillers Log
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	10/20/1998
Last Update Date	10/20/1998

Remarks	Reported yield 35 GPM with 7 feet drawdown after pumping 1 hour in 1965. Specific capacity 5.0 GPM/ft.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
5	Blank	Steel			0	281
	Open Hole				281	370

Well Tests - No Data

Lithology - No Data

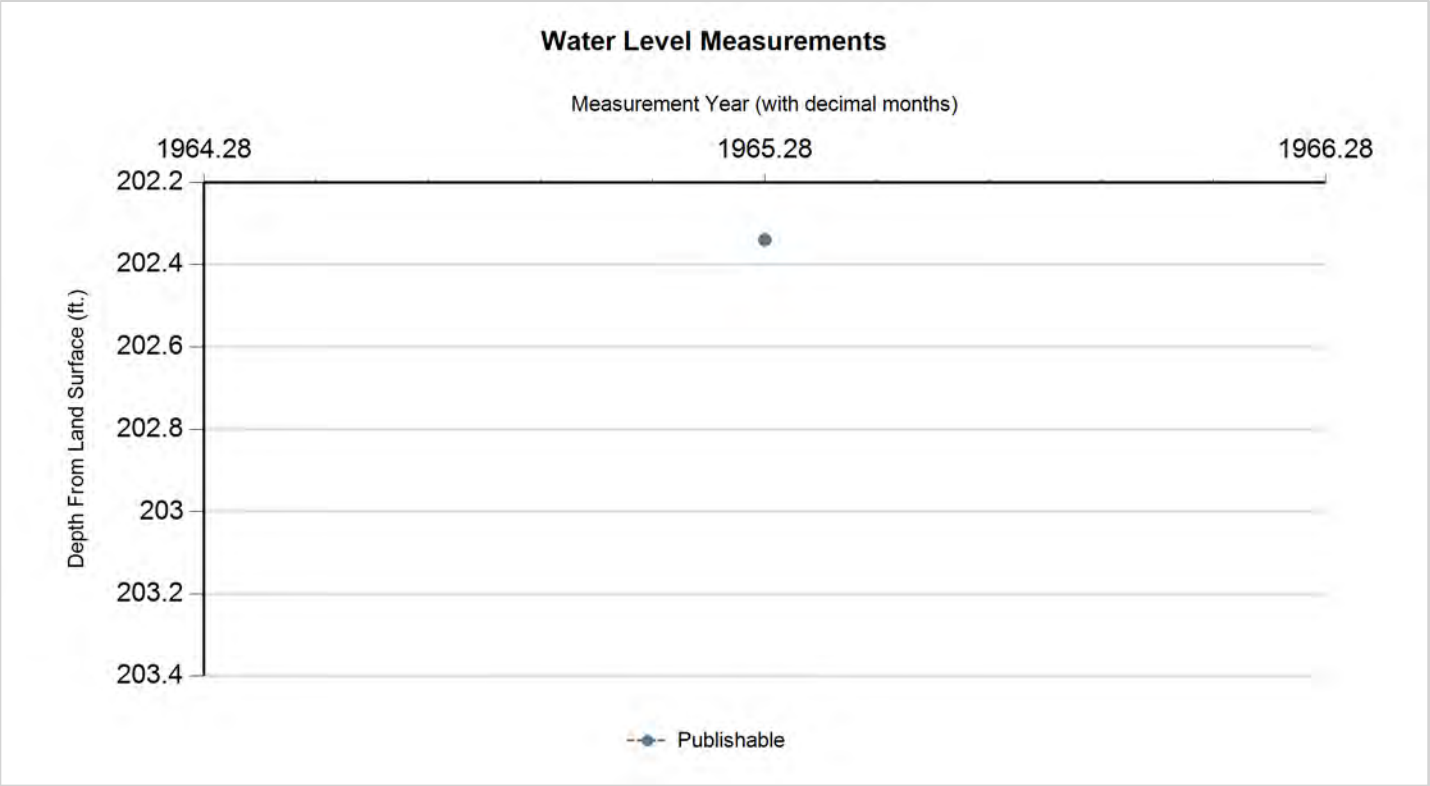
Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/13/1965		202.34		1470.66	1	U.S. Geological Survey	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis - No Data Available

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 57-57-907

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5757907
County	Kendall
River Basin	Guadalupe
Groundwater Management Area	9
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Cow Creek GCD
Latitude (decimal degrees)	30.036389
Latitude (degrees minutes seconds)	30° 02' 11" N
Longitude (decimal degrees)	-98.910278
Longitude (degrees minutes seconds)	098° 54' 37" W
Coordinate Source	+/- 1 Second
Aquifer Code	218TRNT - Trinity Group
Aquifer	Trinity
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1610
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	585
Well Depth Source	Geophysical Log
Drilling Start Date	
Drilling End Date	4/8/1977
Drilling Method	Mud (Hydraulic) Rotary
Borehole Completion	

Well Type	Test Hole
Well Use	Plugged or Destroyed
Water Level Observation	Miscellaneous Measurements
Water Quality Available	Yes
Pump	None
Pump Depth (feet below land surface)	
Power Type	
Annular Seal Method	
Surface Completion	
Owner	TDWR
Driller	TDWR
Other Data Available	Caliper; Electric Log; Gamma Ray; Gamma-Gamma; Geologists or Sample; Neutron; Specific Capacity
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	10/20/1998
Last Update Date	7/10/2008

Remarks	Test hole. Reported yield 3 GPM with 185 feet drawdown after pump- ing 1 hour in 1977. Specific capac- ity 0.01 GPM/ft. Plugged.

Casing - No Data

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

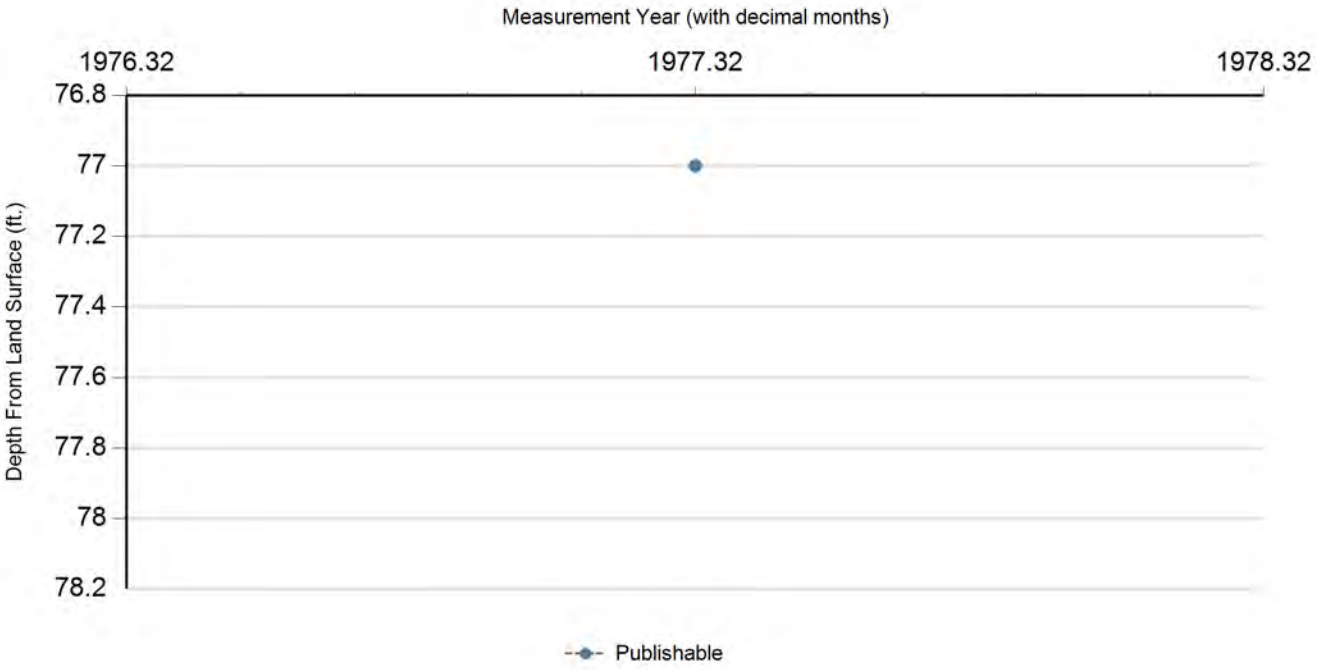
Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements



Status Code	Date	Time	Water Level (ft. below land surface)	Change value in ( ) indicates rise in level	Water Elevation (ft. above sea level)	Meas #	Measuring Agency	Method	Remark ID	Comments
P	4/27/1977		77		1533	1	Texas Water Development Board	Steel Tape		

Code Descriptions

Status Code	Status Description
P	Publishable

Water Quality Analysis

Sample Date: 4/19/1977 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Trinity Group **Sampled Interval:** Top: 296 Bottom: 326

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		530	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		646.78	mg/L	
00910	CALCIUM (MG/L)		147	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		76	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		0.9	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		638	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		66	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.7	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		15	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		17	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		2.31		
00932	SODIUM, CALCULATED, PERCENT		31	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		134	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1984	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		308	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		21	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		1082	mg/L	

Water Quality Analysis

Sample Date: 4/19/1977 **Sample Time:** 0000 **Sample Number:** 2 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Trinity Group **Sampled Interval:** Top: 377 Bottom: 407

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		338	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		412.48	mg/L	
00910	CALCIUM (MG/L)		113	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		93	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		1.6	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		512	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		56	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.9	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		13	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		3.09		
00932	SODIUM, CALCULATED, PERCENT		40	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		161	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1911	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		383	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		26	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		1023	mg/L	

Water Quality Analysis

Sample Date: 4/19/1977 **Sample Time:** 0000 **Sample Number:** 3 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Trinity Group **Sampled Interval:** Top: 346 Bottom: 376

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		370	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		451.53	mg/L	
00910	CALCIUM (MG/L)		110	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		98	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		1.2	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		484	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		51	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		7.9	SU	
00937	POTASSIUM, TOTAL (MG/L AS K)		15	mg/L	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		13	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		2.25		
00932	SODIUM, CALCULATED, PERCENT		33	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		114	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1580	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		236	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		22	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		860	mg/L	

Water Quality Analysis

Sample Date: 4/20/1977 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Trinity Group **Sampled Interval:** Top: 472 Bottom: 485

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		291	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		355.12	mg/L	
00910	CALCIUM (MG/L)		72	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		149	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		1.4	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		377	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		48	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		8.2	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		13	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		2.67		
00932	SODIUM, CALCULATED, PERCENT		40	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		119	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1323	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		123	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		24	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		700	mg/L	

Water Quality Analysis

Sample Date: 4/20/1977 **Sample Time:** 0000 **Sample Number:** 2 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Trinity Group **Sampled Interval:** Top: 251 Bottom: 281

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		369	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		450.31	mg/L	
00910	CALCIUM (MG/L)		146	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		70	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		1.3	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		602	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		58	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		8.2	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		13	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		3.05		
00932	SODIUM, CALCULATED, PERCENT		38	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		172	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		2128	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		500	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		21	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		1182	mg/L	

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 57-57-907

Water Quality Analysis

Sample Date: 4/27/1977 **Sample Time:** 0000 **Sample Number:** 1 **Collection Entity:** Texas Water Development Board

Sampled Aquifer: Trinity Group **Sampled Interval:** Top: 487 Bottom: 585

Analyzed Lab: Texas Department of Health **Reliability:** Collected from pumped well, but not filtered or preserved

Collection Remarks: No Data

Parameter Code	Parameter Description	Flag	Value*	Units	Plus/Minus
00415	ALKALINITY, PHENOLPHTHALEIN (MG/L)		0	mg/L	
00410	ALKALINITY, TOTAL (MG/L AS CACO3)		262	mg/L as CACO3	
00440	BICARBONATE ION, CALCULATED (MG/L AS HCO3)		319.73	mg/L	
00910	CALCIUM (MG/L)		93	mg/L	
00445	CARBONATE ION, CALCULATED (MG/L AS CO3)		0	mg/L	
00940	CHLORIDE, TOTAL (MG/L AS CL)		137	mg/L	
00950	FLUORIDE, DISSOLVED (MG/L AS F)		1.9	mg/L	
00900	HARDNESS, TOTAL, CALCULATED (MG/L AS CACO3)		458	mg/L as CACO3	
00920	MAGNESIUM (MG/L)		55	mg/L	
71851	NITRATE NITROGEN, DISSOLVED, CALCULATED (MG/L AS NO3)	<	0.4	mg/L as NO3	
00400	PH (STANDARD UNITS), FIELD		8.1	SU	
71860	RESIDUAL SODIUM CARBONATE, CALCULATED		0		
00955	SILICA, DISSOLVED (MG/L AS SI02)		8	mg/L as SIO2	
00931	SODIUM ADSORPTION RATIO, CALCULATED (SAR)		2.78		
00932	SODIUM, CALCULATED, PERCENT		39	PCT	
00929	SODIUM, TOTAL (MG/L AS NA)		137	mg/L	
00094	SPECIFIC CONDUCTANCE, FIELD (UMHOS/CM AT 25C)		1728	MICR	
00945	SULFATE, TOTAL (MG/L AS SO4)		308	mg/L as SO4	
00010	TEMPERATURE, WATER (CELSIUS)		22	C	
70301	TOTAL DISSOLVED SOLIDS , SUM OF CONSTITUENTS (MG/L)		897	mg/L	

** Value may not display all significant digits for parameter in results, check Scanned Documents for laboratory paperwork..*

STATE OF TEXAS WELL REPORT for Tracking #392496

Owner:	**Jesse Wied c/o Rockin R Well Service**	Owner Well #:	**No Data**
Address:	**#30 Green Cedar Rd Boerne, TX 78006**	Grid #:	**57-57-9**
Well Location:	**413 US 87 Comfort, TX 78013**	Latitude:	**30° 01' 26" N**
		Longitude:	**098° 54' 21" W**
Well County:	**Kendall**	Elevation:	**1604 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **3/23/2015** Drilling End Date: **3/23/2015**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**9**	**0**	**460**

Drilling Method: **Air Rotary**

Borehole Completion: **Open Hole**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**220**	**6 cement**
	0	**220**	**3 yards**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **150**

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

Method of Verification: **Estimated**

Surface Completion: **Surface Slab Installed**

Water Level: **230 ft.** below land surface on **2015-03-23** Measurement Method: **Unknown**

Packers: **1 packer @ 220'**

Type of Pump: **Submersible**

Well Tests: **Estimated** **Yield: 25 GPM**

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?: **No**

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: **TR Drilling & Service LLC**

PO Box 733
Boerne, TX 78006

Driller Name: **Billy Todd Moore** License Number: **2901**

Apprentice Name: **Rocky Wright**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**10**	**Topsoil**
10	**20**	**Caliche**
20	**120**	**Grey Limestone**
120	**140**	**Tan Limestone**
140	**220**	**Grey Limestone w/Shale**
220	**280**	**Grey, Brown & White Limestone w/ Corse Sand**
280	**340**	**Grey & Tan Limestone**
340	**400**	**White & Tan Limestone, Sand**
400	**460**	**Grey & Tan Limestone**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4.5 N SDR 17 PVC 0 - 380
4.5 N SDR 17 PVC Screen 380 - 400 .032
4.5 N SDR 17 PVC 400 - 420
4.5 N SDR 17 PVC Screen 420 - 440 .032
4.5 N SDR 17 PVC 440 - 460

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

Texas Water Development Board (TWDB)
Groundwater Database (GWDB)
Well Information Report for State Well Number 57-57-602

GWDB Reports and Downloads

Well Basic Details

Scanned Documents

State Well Number	5757602
County	Kendall
River Basin	Guadalupe
Groundwater Management Area	9
Regional Water Planning Area	L - South Central Texas
Groundwater Conservation District	Cow Creek GCD
Latitude (decimal degrees)	30.044167
Latitude (degrees minutes seconds)	30° 02' 39" N
Longitude (decimal degrees)	-98.910278
Longitude (degrees minutes seconds)	098° 54' 37" W
Coordinate Source	+/- 1 Second
Aquifer Code	218GRUH - Glen Rose Limestone, Upper and Hensell Shale Mbr of Pearsall Formation
Aquifer	Trinity
Aquifer Pick Method	
Land Surface Elevation (feet above sea level)	1750
Land Surface Elevation Method	Interpolated From Topo Map
Well Depth (feet below land surface)	519
Well Depth Source	Another Government Agency
Drilling Start Date	
Drilling End Date	9/16/1961
Drilling Method	Cable Tool
Borehole Completion	Perforated or Slotted

Well Type	Withdrawal of Water
Well Use	Domestic
Water Level Observation	None
Water Quality Available	No
Pump	Turbine
Pump Depth (feet below land surface)	
Power Type	Electric Motor
Annular Seal Method	
Surface Completion	
Owner	R. Willmann
Driller	W.E. Page
Other Data Available	
Well Report Tracking Number	
Plugging Report Tracking Number	
U.S. Geological Survey Site Number	
Texas Commission on Environmental Quality Source Id	
Groundwater Conservation District Well Number	
Owner Well Number	
Other Well Number	
Previous State Well Number	
Reporting Agency	Texas Water Development Board
Created Date	10/20/1998
Last Update Date	10/20/1998

Remarks	Reported yield 16 GPM in 1961.

Casing

Diameter (in.)	Casing Type	Casing Material	Schedule	Gauge	Top Depth (ft.)	Bottom Depth (ft.)
6	Blank	Steel			0	43
6	Screen	Steel			43	84
6	Blank	Steel			84	427
	Open Hole				427	519

Well Tests - No Data

Lithology - No Data

Annular Seal Range - No Data

Borehole - No Data

Plugged Back - No Data

Filter Pack - No Data

Packers - No Data

Water Level Measurements

No Data Available

Water Quality Analysis - No Data Available

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 43)

A. Existing/Interim I Phase

Design Flow (MGD): 0.10

2-Hr Peak Flow (MGD): 0.40

Estimated construction start date: September 2025

Estimated waste disposal start date: March 2026

B. Interim II Phase

Design Flow (MGD): 0.30

2-Hr Peak Flow (MGD): 1.2

Estimated construction start date: September 2026

Estimated waste disposal start date: March 2027

C. Final Phase

Design Flow (MGD): 0.60

2-Hr Peak Flow (MGD): 2.4

Estimated construction start date: September 2027

Estimated waste disposal start date: March 2028

D. Current Operating Phase

Provide the startup date of the facility: N/A

Section 2. Treatment Process (Instructions Page 43)

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**.

See Treatment Unit Sizing and Process Description Attachment

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)
See Treatment Unit Sizing and Process Description Attachment		

C. Process Flow Diagram

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

Attachment: Process Flow Diagram

Section 3. Site Information and Drawing (Instructions Page 44)

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

- Latitude: 30.0313N
- Longitude: 98.9049W

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

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

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

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

disposal site.

Attachment: Site Drawing

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

The facility will serve Comfort 590 Development, a new subdivision in Kendall 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
N/A			

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 6. Permit Specific Requirements (Instructions Page 45)

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: N/A

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.

The buffer zone will be met by ownership.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

N/A

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

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 N/A or TXRNE N/A

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

☐ Yes ☒ No

3. *Conditional exclusion*

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

☐ Yes ☒ No

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

N/A

4. ***Existing coverage in individual permit***

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

☐ Yes ☒ No

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

N/A

5. ***Zero stormwater discharge***

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

☐ Yes ☒ No

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

N/A

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

6. ***Request for coverage in individual permit***

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

☐ Yes ☒ No

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

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

N/A

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

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

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

☐ Yes ☒ No

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

N/A

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

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). **W*ater 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					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*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 50)

Facility Operator Name: To be determined

Facility Operator's License Classification and Level: To be determined

Facility Operator's License Number: To be determined

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- ☐ Design flow>= 1 MGD
- ☐ Serves >= 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 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: N/A

C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize

all 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
Other					

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Monofill – transported to processing facility for disposal

D. Disposal site

Disposal site name: To be determined

TCEQ permit or registration number: To be determined

County where disposal site is located: To be determined

E. Transportation method

Method of transportation (truck, train, pipe, other): To be determined

Name of the hauler: To be determined

Hauler registration number: To be determined

Sludge is transported as a:

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

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 53)

A. Beneficial use authorization

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

☐ Yes ☒ No

If yes, are you requesting to continue this authorization to land apply sewage sludge 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 sludge	☐ 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: N/A
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: N/A
- Federal Emergency Management Map:

  Attachment: N/A
- Site map:

  Attachment: N/A

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: N/A

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:

N/A

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: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: N/A

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: N/A

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

Volume and frequency of sludge to the lagoon(s): N/A

Total dry tons stored in the lagoons(s) per 365-day period: N/A

Total dry tons stored in the lagoons(s) over the life of the unit: N/A

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?

☐ Yes ☐ No

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

N/A

D. Site development plan

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

N/A

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)

  Attachment: N/A
- Copy of the closure plan

  Attachment: N/A
- Copy of deed recordation for the site

  Attachment: N/A
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: N/A
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: N/A
- Procedures to prevent the occurrence of nuisance conditions

  Attachment: N/A

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: N/A

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

A. Additional authorizations

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

☐ Yes ☒ No

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

N/A

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 56)

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: Richard Mott

Title: VP of Land Development

Signature: _____

Date: 10/1/2024

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 57)

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.

Comfort 590 Development is currently planning approximately 1,100 units (250 gpd/unit) and intends to add more phases to the development. Altogether, it is approximated to generate 600,000 gallons-per day of domestic strength wastewater at full buildout. There are no facilities within 3 miles that have capacity, and/or it is not economically feasible to transport waste to an existing facility. A site drawing of the development is included with the application.

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: N/A

If yes, attach correspondence from the city.

Attachment: N/A

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: N/A

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: N/A

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: N/A

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: N/A

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: N/A

Section 2. Proposed Organic Loading (Instructions Page 59)

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):

Average Influent Organic Strength or BOD_5 Concentration in mg/l:

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34):

Provide the source of the average organic strength or BOD_5 concentration.

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 BOD5 Concentration (mg/l)
Municipality		
Subdivision	0.6	350
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	0.6	
AVERAGE BOD_5 from all sources		350

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 59)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l: 2

Total Phosphorus, mg/l: 1

Dissolved Oxygen, mg/l: >4

Other: N/A

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l: 2

Total Phosphorus, mg/l: 1

Dissolved Oxygen, mg/l: >4

Other: N/A

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 5

Total Suspended Solids, mg/l: 5

Ammonia Nitrogen, mg/l: 2

Total Phosphorus, mg/l: 1

Dissolved Oxygen, mg/l: >4

Other: N/A

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1-4 mg/l after 20 minutes detention time at peak flow

Dechlorination process: OR

☒ Ultraviolet Light: 10 seconds contact time at peak flow

☐ Other: N/A

Section 4. Design Calculations (Instructions Page 59)

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

Attachment: Design Calculations

Section 5. Facility Site (Instructions Page 60)

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.

N/A

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

FEMA Map Viewer: 48259C0125F

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: N/A

If no, provide the approximate date you anticipate submitting your application to the Corps: N/A

B. Wind rose

Attach a wind rose: Windrose

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

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)**: N/A

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)**: N/A

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 61)

Attach a solids management plan to the application.

Attachment: Solids Management Plan

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 64)

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 it Section 2. **If yes**, provide the following:

Owner of the drinking water supply: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: N/A

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

N/A

C. Sea grasses

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

☐ Yes ☒ No

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

N/A

Section 3. Classified Segments (Instructions Page 64)

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 65)

Name of the immediate receiving waters: unnamed intermittent stream, thence to North Creek, thence to Segment 1806B of Cypress Creek of the Guadalupe River Basin

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: N/A

Average depth of the entire water body, in feet: N/A

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: N/A

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: N/A

C. Downstream perennial confluences

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

N/A

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

N/A

E. Normal dry weather characteristics

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

Streambed is dry.

Date and time of observation: August 2024, 9AM

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

Section 5. General Characteristics of the Waterbody (Instructions Page 66)

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: N/A

B. Waterbody uses

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

- ☐ Livestock watering
- ☐ Irrigation withdrawal
- ☐ Fishing
- ☐ Domestic water supply
- ☐ Park activities
- ☐ Contact recreation
- ☐ Non-contact recreation
- ☐ Navigation
- ☐ Industrial water supply
- ☐ Other(s), specify: N/A

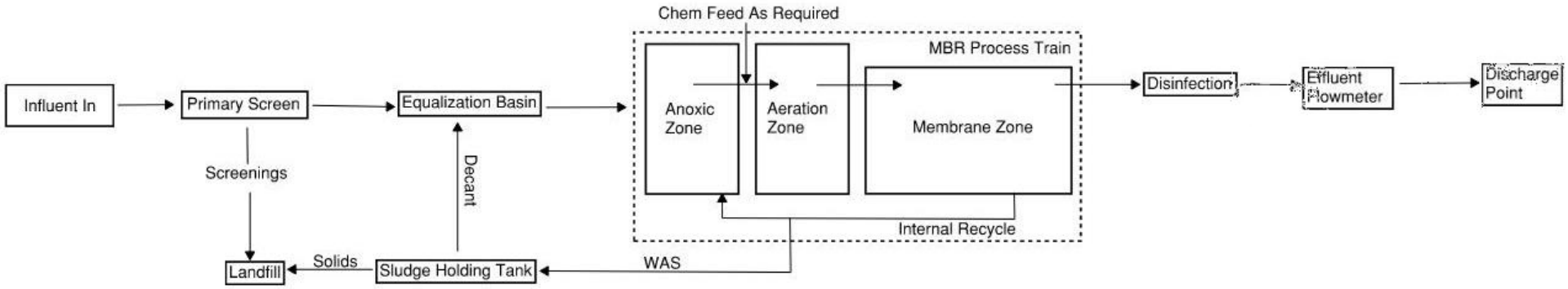
C. Waterbody aesthetics

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

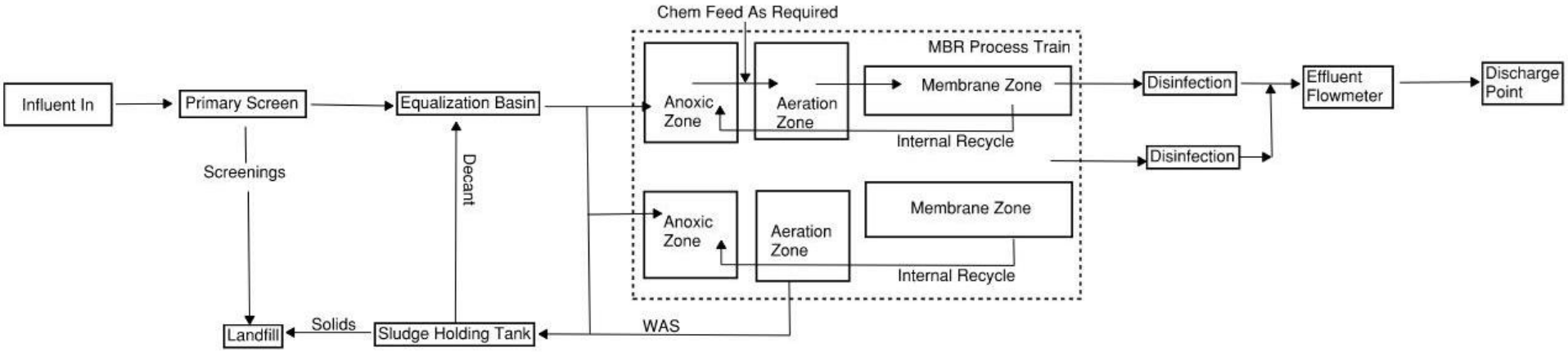
Comfort 590 WWTF - Process Flow Diagram

Phase 1 – 100,000 gpd



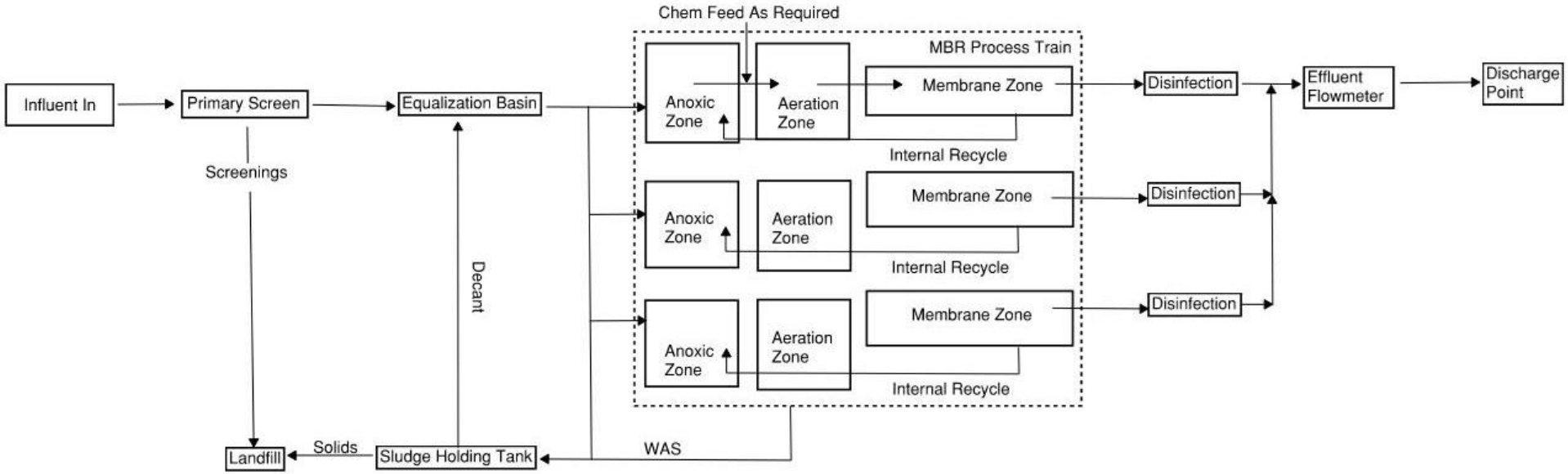
Comfort 590 WWTF - Process Flow Diagram

Phase 2 – 300,000 gpd



Comfort 590 WWTF - Process Flow Diagram

Final Phase – 600,000 gpd



Comfort 590 WWTF – Treatment Unit Sizing and Process Description

Treatment Process Description

Comfort 590 WWTF will be an MBR system consisting of several process trains. The system will have a primary screen, equalization tanks, multiple process trains consisting of anoxic, aeration, membrane zones, and sludge holding tanks. The facility will utilize UV or Chlorine disinfection. The design will be in accordance with Texas Administrative Code Title 30, Part 1: Texas Commission on Environmental Quality (TCEQ) Chapter 217 (Design Criteria for Domestic Wastewater Systems).

Treatment Unit Sizing

Phase 1 – 100,000 GPD

Headworks with Screening	
Equalization Tank	(1) 12’ wide x 25’ long x 10.5’ SWD – 23,562 gals
Sludge Holding Tank	(1) 14’ dia x 18.5’ tall – 21,291 gallons
Process Units (MBR)	(2) 41’ x 10’ x 8.5’ SWD – 52,135 gallons
Chlorine Contact Chamber	(1) 10’ x 10’ x 8.5’ SWD – 6,358 gallons

Phase 2 – 300,000 GPD

Headworks with Screening	
Equalization Tank	(3) 12’ wide x 25’ long x 10.5’ SWD – 70,686 gals
Sludge Holding Tank	(3) 14’ dia x 18.5’ tall – 63,873 gallons
Process Units (MBR)	(6) 41’ x 10’ x 8.5’ SWD – 156,405 gallons
Chlorine Contact Chamber	(3) 10’ x 10’ x 8.5’ SWD – 19,074 gallons

Final Phase – 600,000 GPD

Headworks with Screening	
Equalization Tank	(6) 12’ wide x 25’ long x 10.5’ SWD – 141,372 gals
Sludge Holding Tank	(6) 14’ dia x 18.5’ tall – 127,746 gallons
Process Units (MBR)	(12) 41’ x 10’ x 8.5’ SWD – 312,813 gallons
Chlorine Contact Chamber	(6) 10’ x 10’ x 8.5’ SWD – 38,148 gallons

Comfort 590 WWTF - Design Calculations

Phase 1

Flow	100,000	gpd
2 hr peak	400,000	gpd

Equalization Minimum Sizing
2.5Q for 2 hours 20,833 gal

Disinfection Minimum Sizing
4Q for 20 min 5,556 gal

Using 2% Flow for WAS Rate
WAS Rate 2000 gpd

Sludge Storage Days 10 days
Sludge Holding Minimum 20000 gal

Phase 2

Flow	300,000	gpd
2 hr peak	1,200,000	gpd

Equalization Minimum Sizing
2.5Q for 2 hours 62,500 gal

Disinfection Minimum Sizing
4Q for 20 min 16,667 gal

Using 2% Flow for WAS Rate
WAS Rate 6000 gpd

Sludge Storage Days 10 days
Sludge Holding Minimum 60000 gal

Final Phase

Flow	600,000	gpd
2 hr peak	2,400,000	gpd

Equalization Minimum Sizing
2.5Q for 2 hours 125,000 gal

Disinfection Minimum Sizing
4Q for 20 min 33,333 gal

Using 2% Flow for WAS Rate
WAS Rate 12000 gpd

Sludge Storage Days 10 days
Sludge Holding Minimum 120000 gal

Bioreactor Calculation

1. Design Calculation

1.1 Influent (m3/day) (gal/day)

Items	unit	m3/day	gal/day
	Average	2271	600,000
	Design Flow	2271	600,000

1.2 Factors

Items			
	HRT	19.0	hr
	SRT	25.0	day
	C/N	4.7	
	C/P	29.6	
	Temp	20.0	℃
	Sludge return	250	%

1.3 Influent Quality

Items	BOD (mg/L)	COD_{Mn} (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	E.coli. (Count/mL)	Remarks
Water quality	350.0	525.0	300.0	70.0	9.0	55000	

1.4 Influent and Effluent Water Quality

Items	BOD (mg/L)	COD_{Mn} (mg/L)	SS (mg/L)	T-N (mg/L)	T-P (mg/L)	E.coli. (Count/mL)	
Influent quality	350.0	525.0	300.0	70.0	9.0	55,000	
Effluent quality	5.0	10.0	5.0	20.0	1.0	1.26	

1.5 Bioreactor Volume

Items	Width (mW)	Length (mL)	Depth (mHe)	Height (mH)	tank (#)	Volume (m^3)	HRT (hr)
Anoxic	2.4	12.0	2.2	2.3	2	124.1	7.9
Oxic	2.4	12.0	2.1	2.3	2	118.4	7.5
MBR	2.4	12.0	2.0	2.3	1	56.4	3.6
Total						363.8	19.0

Note: If biorector volume sizes are above the volume calcauted by 30-40%, it will be okay.

1.6 Sludge Production

Items	Sludge (m^3/day)	Water contents (%)
	6.0	99.2

1.7 Air Requirement

Items		
	Oxic reactor (m^3/min)	3.11
	MBR (m^3/min)	12.0

2 MASS BALANCE

(Q = 2271 m³/day) 600,000 GPD

Temp. : 20 °C (68 F)

Influent		
Q	2271	
BOD	350.0	132.5
COD	525.0	198.7
SS	300.0	113.6
T-N	70.0	26.5
T-P	9.0	3.4
E.Coli	55,000	Count/ml

EQ Tank		
Q	2271	
BOD	315.0	119.2
COD	472.5	178.8
SS	210.0	79.5
T-N	66.5	25.2
T-P	8.6	3.2
E.Coli	55000	Count/ml

Bioreactors		
Q	227	
BOD	315.0	119.2
COD	472.5	178.8
SS	210.0	79.5
T-N	66.5	25.2
T-P	8.6	3.2
E.Coli	55,000	Count/ml

Factors	
MLSS	5,800
	5,800
	8,000
F/M	0.06
TEMP.	20
SRT	42.6
MLVSS	0.69
FLUX	0.4

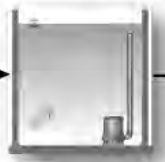
Effluent		
Q	2271	
BOD	5.0	1.9
COD	10.0	3.7
SS	5.0	1.9
T-N	20.0	7.5
T-P	1.0	0.4
E.Coli	1	Count/ml

Reuse		
Q	2271	
BOD	5.0	1.9
COD	10.0	3.7
SS	5.0	1.9
T-N	20.0	7.5
T-P	1.0	0.4
E.Coli	1	Count/ml

Influent

Drum Screen

Drum Screen	
BOD	10%
COD	10%
SS	30%
T-N	5%
T-P	5%



EQ Tank

Aerated EQ

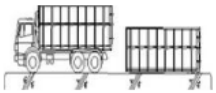
Bioreactors + Membrane

Sludge Return = 2.5 Q

Effluent

Sludge		
Q	6.0	
BOD	4,567	27.4
COD	3,928	23.6
SS	8,000	48.0
T-N	664	4.0
T-P	478	2.9

Bioreactors	
BOD	98.4
COD	97.9
SS	97.6
T-N	69.9
T-P	88.3
E.Coli	100.0



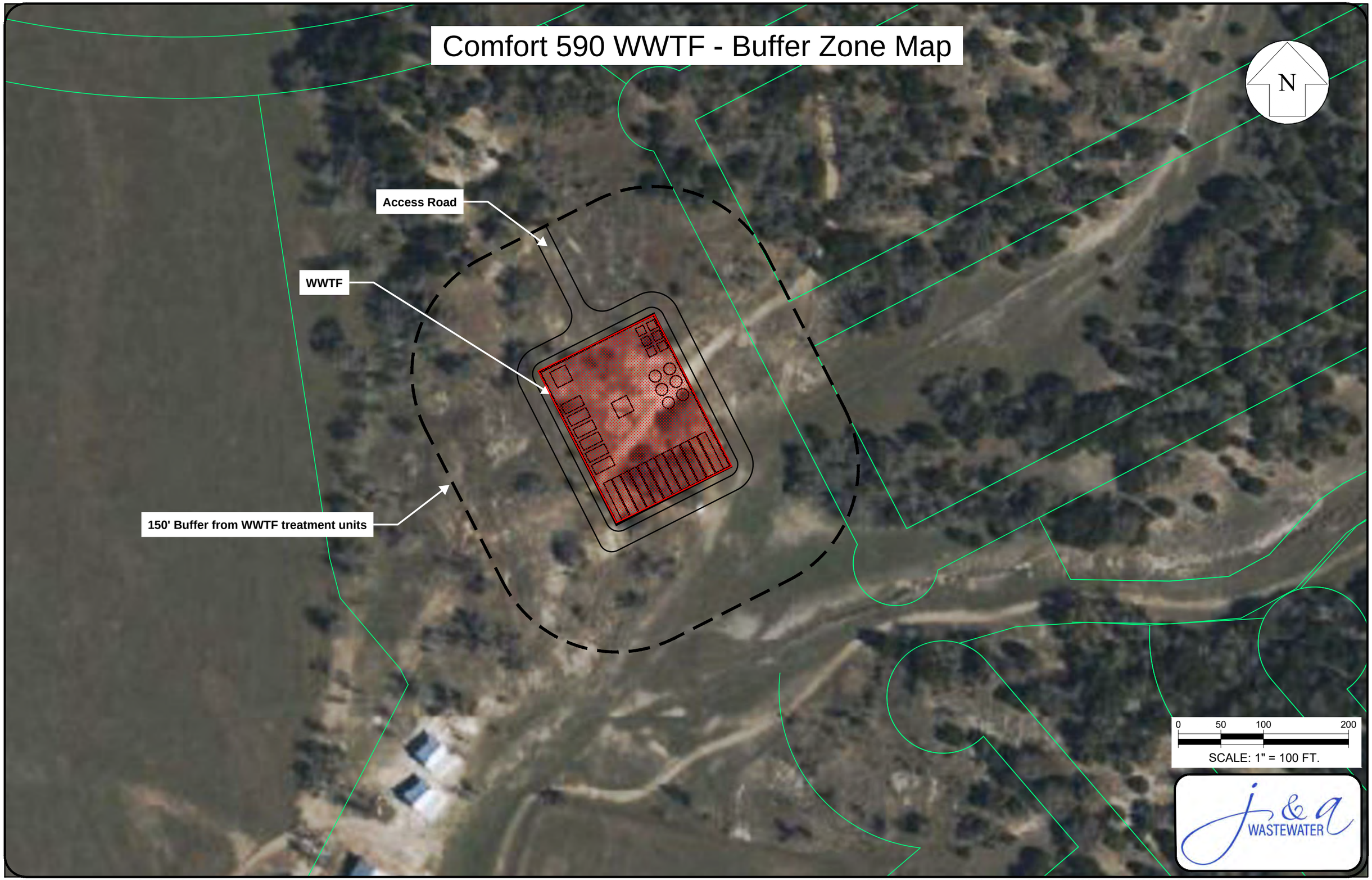
Sludge Tank

Legend
Sewage
Sludge

Unit	
Q	m³/d
Con.	mg/L
Load	kg/day

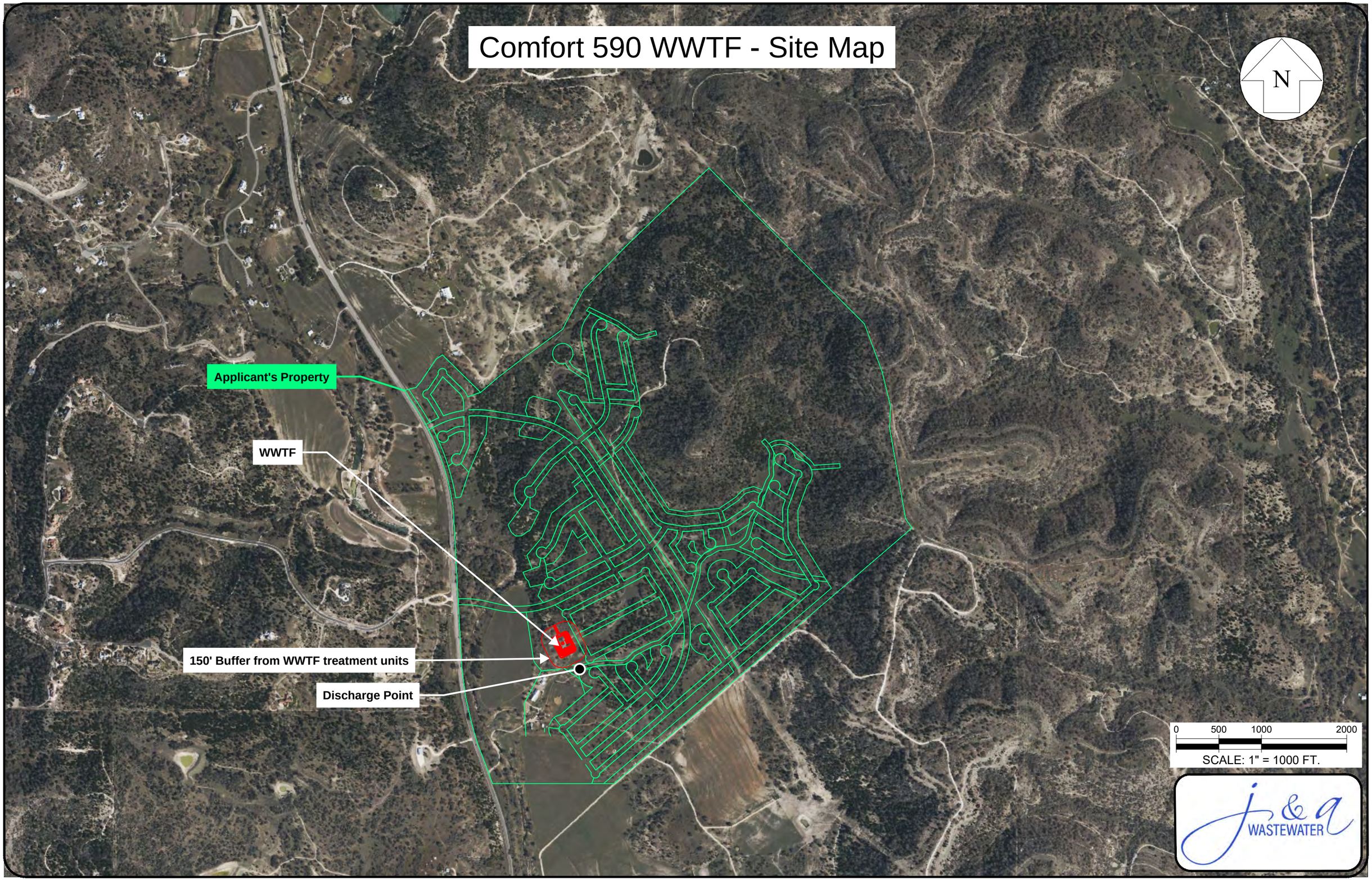
Items	Ranges			Design Values	Unit
Anoxic/Oxic MLSS (X_{TSR})	4,000	~	9,500	5,800	mg/L
Oxic MLSS (X_{OX})	6,000	~	12,000	8,000	mg/L
MLVSS/MLSS(X_V)	MLVSS	/	MLSS	0.7	
F/M ration	0.01	~	0.30	0.06	kgBOD/kgMLVSS-d
Sludge return (X_{r1})	50	~	400	250	%
Sludge retention time (SRT)	15	~	50	35.6	day
Bio reactor temperature	10	~	30	20	°C
Bio reactor pH	6.8	~	7.2	7.0	
Dissolved Oxygen concentration (DO)	2.0	~	5.0	2.0	mg/L
Y(net), Sludge yield	0.30	~	0.60	0.47	$mgVSS/mgBOD_{rem}$
b, Sludge decay coefficient	0.05	~	0.30	0.15	day^{-1}
μ_{Nm}, Max nitrifier production	0.30	~	0.60	0.47	day^{-1}
Y_N(net), Nitrifier yield	0.10	~	0.30	0.20	$mgVSS/mgNH_4N_{rem}$
K_o, O_2 Half saturation coefficient	0.40	~	0.60	0.50	O_2 mg/L
K_N, NH_4-N Half saturation coefficient	0.20	~	5.00	0.74	NH_4-N mg/L
Membrane Flux	Design			0.40	$m^3/m^2 \cdot d$
				16.7	LMH
				9.8	GFD
SNR, Specific Nitrification Rate	Oxic			2.70	$mgNH_4N/gMLVSS \cdot hr$
SDNR, Specific denitrification Rate				2.70	$mgNO_3N/gMLVSS \cdot hr$
SPUR				1.24	mg P/gMLSS·hr
BOD/P_{rel}				12.0	P releasing
$BOD/No_x\text{-}N_{rem}$				2.86	Denitrification
N/VSS, Nitrogen % in Biomass	5.00	~	12.0	12.0	%
P/VSS, Phosphofus % in Biomass	1.00	~	7.50	5.8	P uptaking (%)

Comfort 590 WWTF - Buffer Zone Map



C:\Users\aupad\DC\ACCDocs\JAWastewater\165 - Comfort Texas Permitting TPDES\Project Files\DWGs\ComfortPermitting_AU.dwg, 9/30/2024 4:42 PM Ash Upadhyaya

Comfort 590 WWTF - Site Map



Comfort 590 WWTF - Original Photos Map

N

Applicant's Property

WWTF

150' Buffer from WWTF treatment units

Discharge Point

1

2

3

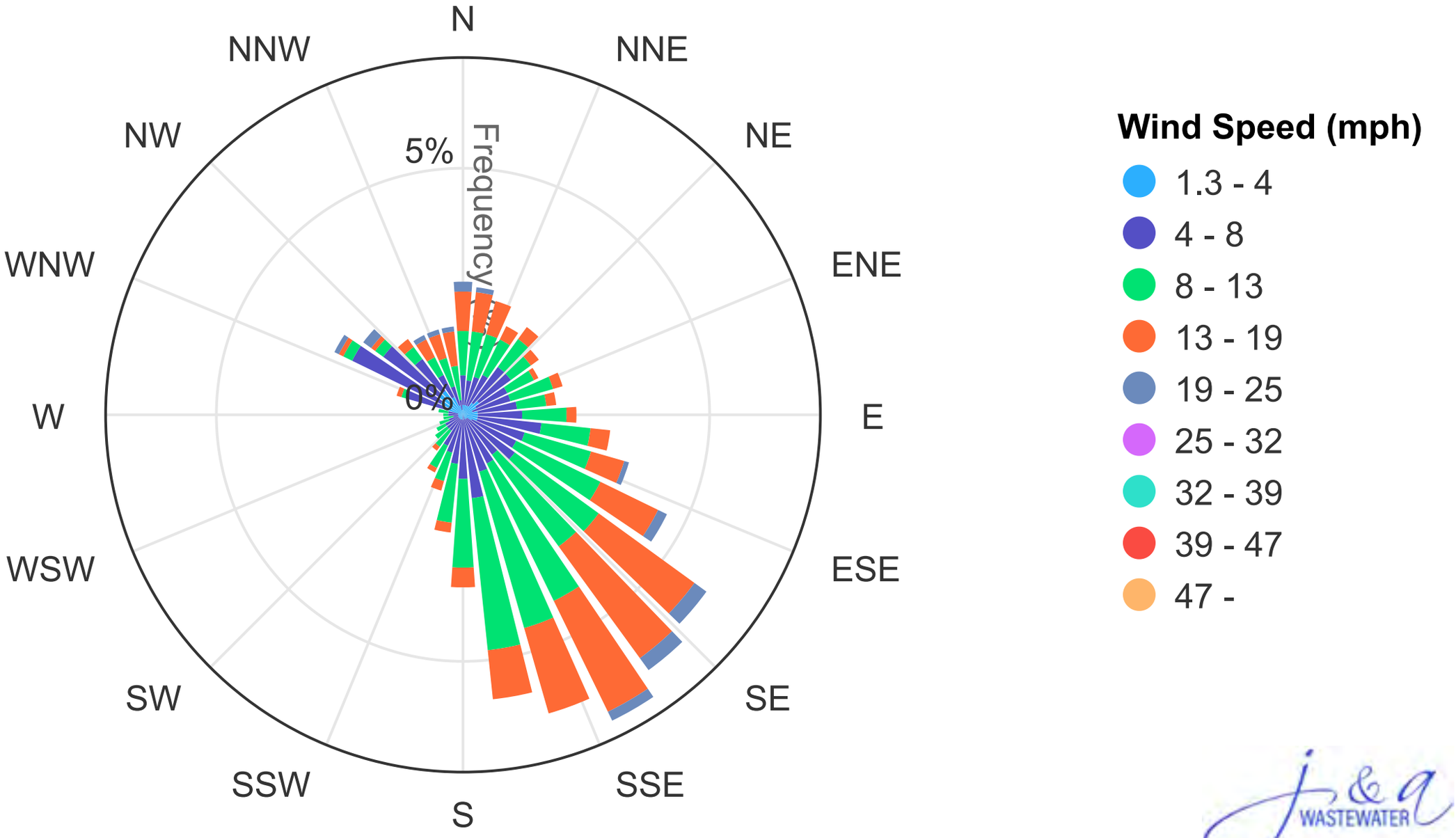
0 500 1000 2000

SCALE: 1" = 1000 FT.

j & a WASTEWATER

SAN ANTONIO INTL AP (TX) Wind Rose

September 01, 2023 - September 01, 2024
Sub-Interval: January 1 - December 31, 0 - 24



Comfort 590 WWTF – Solids Management Plan

The permit application includes three phases of flows as described below:

- Phase 1 = 0.100 mgd
- Phase 2 = 0.300 mgd
- Final Phase = 0.600 mgd

Estimated solids generation is based on the below listed criteria:

- Average Influent BOD = 350 mg/L
- Design Influent BOD = 350 mg/L
- Solids Generated = 0.98 Pound Solids per Pound of BOD applied
- Calculations are based on the average influent BOD, as stipulated in Chapter 217.250 for firm dewatering capacity.

(a) Operating range for the mixed liquor suspended solids in the treatment process based on design flow and projected actual flow at the facility.

Phase #	Operating Range (mg/L)
Phase 1	8,000 – 12,000
Phase 2	8,000 – 12,000
Final Phase	8,000 – 12,000

(b) Description of the procedure and method of solids removal from both wastewater and sludge treatment processes.

The sludge wasting pumps will convey sludge from the treatment basins to the sludge holding basin in final phase. The sludge wasting pumps will be operated manually by the operator. The sludge holding basins/tanks will be pumped as a semi-liquid onto a transport truck where it will be taken to a permitted landfill.

(c) Quantity of solids to be removed from the process and schedule for removal of solids designed to maintain an appropriate solids inventory.

Solids will be removed from the sludge holding basin on a 10-day rotation during final phase. Comfort 590 WWTF currently does not plan to process waste activated sludge from other wastewater treatment plants in liquid or cake form through its sludge processing facilities.

<u>Solids Generated at 100, 75, 50, and 25 percent Design Flow:</u>

Phase 1: 0.100 mgd
100% Flow: Solids Generation = (350 mg/l)(0.100 MGD)(8.34 lb/mg)(0.98) = 286 lb/day
75% Flow: Solids Generation = (350 mg/l)(0.075 MGD)(8.34 lb/mg)(0.98) = 215 lb/day
50% Flow: Solids Generation = (350 mg/l)(0.050 MGD)(8.34 lb/mg)(0.98) = 143 lb/day
25% Flow: Solids Generation = (350 mg/l)(0.025 MGD)(8.34 lb/mg)(0.98) = 72 lb/day

Phase 2: 0.300 mgd
100% Flow: Solids Generation = (350 mg/l)(0.300 MGD)(8.34 lb/mg)(0.98) = 858 lb/day
75% Flow: Solids Generation = (350 mg/l)(0.225 MGD)(8.34 lb/mg)(0.98) = 644 lb/day
50% Flow: Solids Generation = (350 mg/l)(0.150 MGD)(8.34 lb/mg)(0.98) = 429 lb/day
25% Flow: Solids Generation = (350 mg/l)(0.075MGD)(8.34 lb/mg)(0.98) = 215 lb/day

Final Phase: 0.600 mgd
100% Flow: Solids Generation = (350 mg/l)(0.600 MGD)(8.34 lb/mg)(0.98) = 1,716 lb/day
75% Flow: Solids Generation = (350 mg/l)(0.450 MGD)(8.34 lb/mg)(0.98) = 1,287 lb/day
50% Flow: Solids Generation = (350 mg/l)(0.300 MGD)(8.34 lb/mg)(0.98) = 858 lb/day
25% Flow: Solids Generation = (350 mg/l)(0.150 MGD)(8.34 lb/mg)(0.98) = 429 lb/day

Leah Whallon

From: Janela Revilla <jrevilla@jawastewater.com>
Sent: Friday, October 18, 2024 6:32 PM
To: Leah Whallon
Cc: Jamie Miller
Subject: Re: Application for Proposed Permit No. WQ0016644001; Lennar Homes of Texas Land and Construction, Ltd.; Comfort 590 WWTF
Attachments: 2024.10.18_NOD_Response.pdf; Municipal Discharge New Spanish NORI.docx; SPIF Map (topo only, no imagery).pdf; USGS Map (topo only, no imagery).pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Leah,

Please see the attached NOD Response pdf and let me know if there's anything else you need.

Have a good weekend!

Thanks,
Janela Revilla

Janela Revilla
Project Engineer
JA Wastewater, LLC
(737) 864-3476
jrevilla@jawastewater.com

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Friday, October 18, 2024 2:42 PM
To: Janela Revilla <jrevilla@jawastewater.com>
Cc: Jamie Miller <jmiller@jawastewater.com>
Subject: Application for Proposed Permit No. WQ0016644001; Lennar Homes of Texas Land and Construction, Ltd.; Comfort 590 WWTF

Good Afternoon,

Please see the attached Notice of Deficiency letter dated October 18, 2024 requesting additional information needed to declare the application administratively complete. Please send the complete response by November 1, 2024.

Please let me know if you have any questions.

Thank you,

Leah Whallon
Texas Commission on Environmental Quality
Water Quality Division
512-239-0084
leah.whallon@tceq.texas.gov

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 18, 2024

Ms. Janela Revilla
Project Engineer
JA Wastewater, LLC
5765 Fig Way
Arvada, Colorado 80002

RE: Application for Proposed Permit No.: WQ0016644001 (EPA I.D. No. TX0146781)
Applicant Names: Lennar Homes of Texas Land and Construction, Ltd. (CN602412207)
Co-Applicant Names: Jesse Wied and Laura Wied (CN605824911; CN605824929)
Site Name: Comfort 590 WWTF (RN112061809)
Type of Application: New

VIA EMAIL

Dear Ms. Revilla:

We have received the application for the above referenced permit, and it is currently under review. Your attention to the following item(s) are requested before we can declare the application administratively complete. Please submit responses to the following items via email.

1. The USGS and SPIF maps in the electronic copy of the application cannot be viewed. Please provide a flattened PDF file of the USGS maps with the USGS topographic background in place of the satellite imagery.

   See attached USGS and SPIF pdf.

2. 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. Lennar Homes of Texas Land and Construction, Ltd. and Jesse Wied and Laura Wied, 5505 Waterford District Drive, Miami, Florida 33126, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016644001 (EPA I.D. No. TX0146781) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 600,000 gallons per day. The domestic wastewater treatment facility will be located approximately 5,140 feet southeast of the intersection of Hughes Ranch Road and U.S. Highway 87, near the city of Comfort, in Kendall County, Texas 78013. The discharge route will be from the plant site to an unnamed tributary, thence to North Creek, thence to Cypress Creek, thence to Guadalupe River Above Canyon Lake. TCEQ received this application on October 10, 2024. The permit application will be available for viewing and copying at Comfort Public Library, 701 High Street, Comfort, in Kendall 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=-98.905277,30.031944&level=18

Further information may also be obtained from Lennar Homes of Texas Land and Construction, Ltd., Jesse Wied and Laura Wied at the address stated above or by calling Ms. Janela Revilla, JA Wastewater, LLC, at 737-864-3476.

This is correct.

3. 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.

   See attached Spanish translation word document.

Please submit the complete response, addressed to my attention by November 1, 2024. If you should have any questions, please do not hesitate to contact me by phone at (512) 239-0084 or by email at leah.whallon@tceq.texas.gov

Sincerely,

Leah Whallon

Leah Whallon
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality

lcw

Enclosure
Municipal Discharge New Spanish NORI

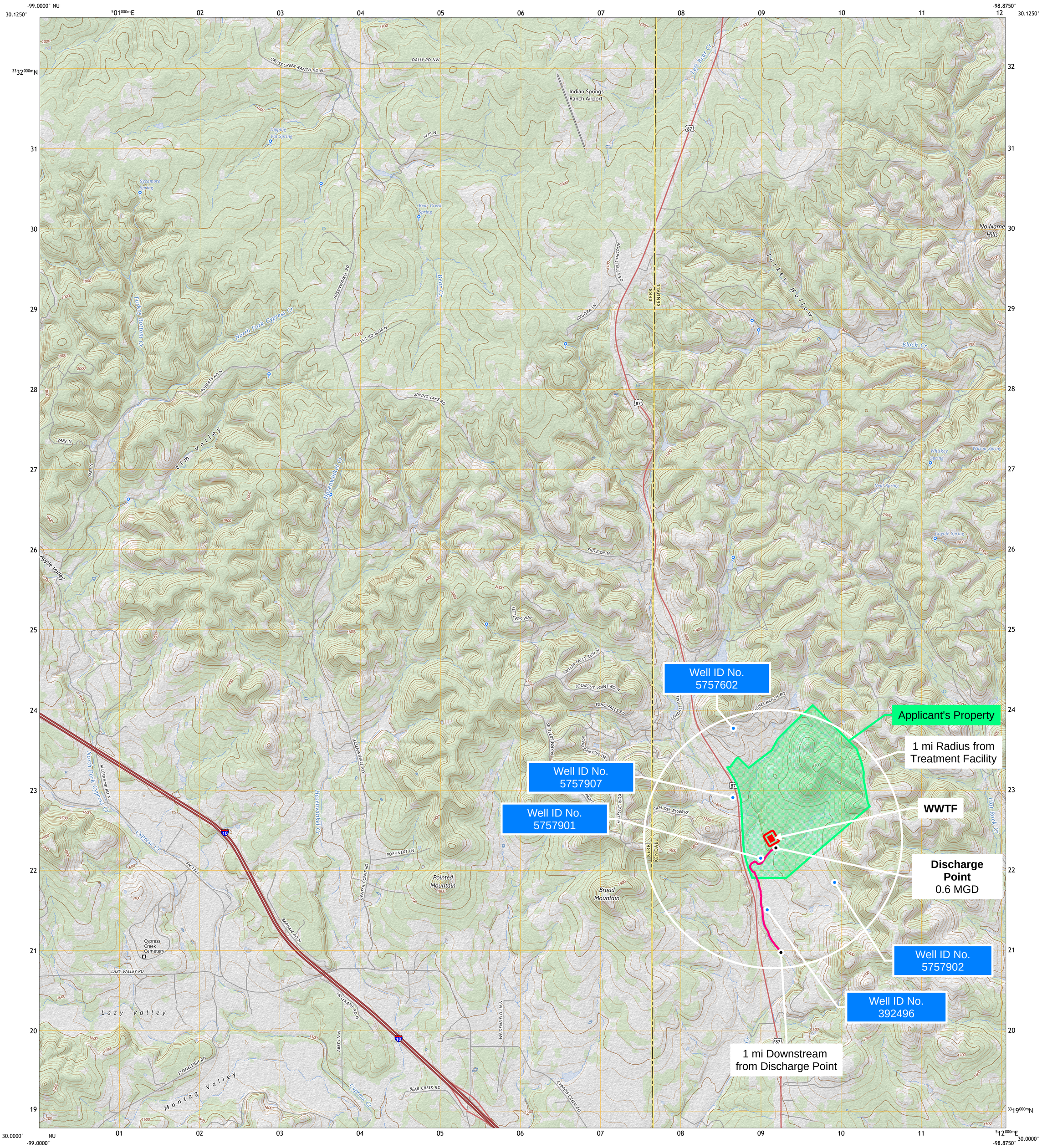
cc: Ms. Jamie Miller, P.E., President, JA Wastewater, LLC, 5765 Fig Way, Arvada, Colorado 80002

USGS
science for a changing world

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

Comfort 590 WWTF - USGS Map

CYPRESS CREEK QUADRANGLE
TEXAS
7.5-MINUTE TOPO

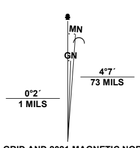


Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid:Universal Transverse Mercator, Zone 14R

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 Orthoimagery. 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



UTM GRID AND 2021 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
NU
Grid Zone Designation
14R

SCALE 1:24 000

1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

USER DEFINED CONTENT

QUADRANGLE LOCATION

Morris Ranch	Lady Bird Johnson Park	Cain City
Legion	Cypress Creek	Rafter Hollow
Center Point	Comfort	Waring

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

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

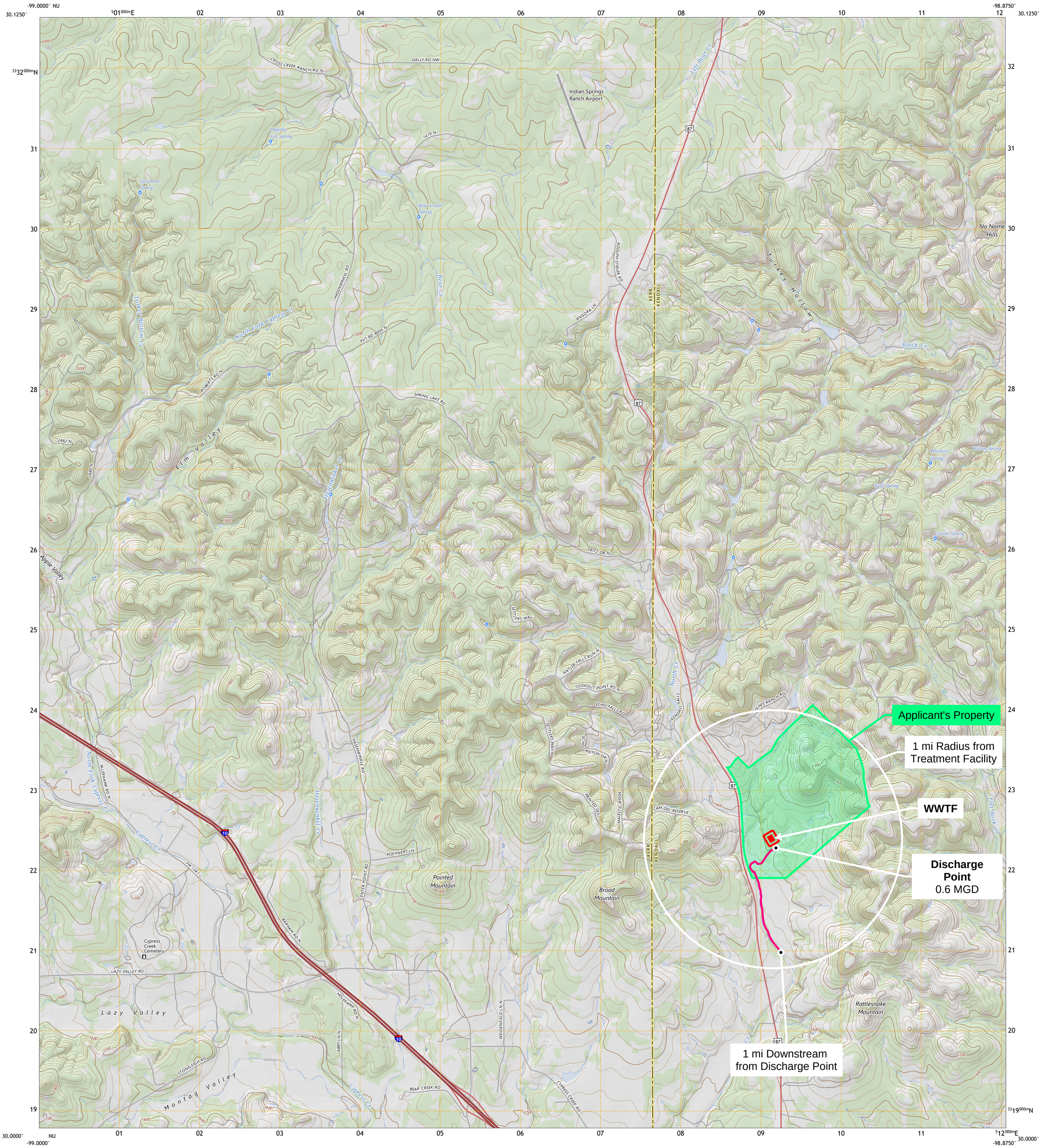
CYPRESS CREEK, TX
2024

J&A WASTEWATER

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

Comfort 590 WWTF - SPIF Map

CYPRESS CREEK QUADRANGLE
TEXAS
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 14R

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 Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC) Metadata for additional source data information.

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

MN
GN
4°7′
73 MILS
0°2′
1 MILS
UTM GRID AND 2021 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
NU
Grid Zone Designation
14R

SCALE 1:24 000
1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

USER DEFINED CONTENT

TEXAS

QUADRANGLE LOCATION

Morris Ranch	Lady Bird Johnson Park	Cain City
Legion	Cypress Creek	Rafter Hollow
Center Point	Comfort	Waring

ADJOINING QUADRANGLES

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

CYPRESS CREEK, TX
2024

J&A WASTEWATER

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

PERMISO PROPUESTO NO. WQ00_____

SOLICITUD. Lennar Homes of Texas Land and Construction, Ltd. and Jesse Wied and Laura Wied, 5505 Waterford District Drive, Miami, Florida 33126, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016644001 (EPA I.D. No. TX0146781) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 600,000 galones por día. La planta está ubicada aproximadamente 5,140 pies al sureste de la intersección de Hughes Ranch Road y U.S. Highway 87, cerca de la ciudad de Comfort, en Kendall Condado, Texas 78013. La ruta de descarga es del sitio de la planta a un afluente sin nombre, de allí a North Creek, de allí a Cypress Creek, de allí al río Guadalupe sobre el lago Canyon.La TCEQ recibió esta solicitud el 10 de Octubre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Comfort Public Library, 701 High Street, Comfort, en el condado de Kendall, Texas antes de la fecha de publicación de este aviso en el periódico. 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://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications

[Include the following non-italicized sentence if the facility is located in the Coastal Management Program boundary. The Coastal Management Program boundary is the area along the Texas Coast of the Gulf of México as depicted on the map in 31 TAC §503.1 and includes part or all of the following counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson y Orange.] El Director Ejecutivo de la TCEQ ha revisado esta medida para ver si está de acuerdo con los objetivos y las regulaciones del Programa de Administración Costero de Texas (CMP) de acuerdo con las regulaciones del Consejo Coordinador de la Costa (CCC) y ha determinado que la acción es conforme con las metas y regulaciones pertinentes del CMP.

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.

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. Ademas, puede pedir que la TCEQ ponga su nombre en una or mas de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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 Lennar Homes of Texas Land and Construction, Ltd. and Jesse Wied & Laura Wied a la dirección indicada arriba o llamando a Janela Revilla al (737) 864-3476.

Fecha de emisión _____ *[Date notice issued]*