



# Administrative Package Cover Page

**This file contains the following documents:**

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



# Portada de Paquete Administrativo

**Este archivo contiene los siguientes documentos:**

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Stream Realty Partners-Houston, LP (CN606422145) proposes to operate Grand Bauer Logistics Center WWTP (RN112272943), an activated sludge process plant operated in conventional mode. The facility will be located at 1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Dr, in Cypress, Harris County, Texas 77433. This application is for a new permit to discharge at an annual average flow of 150,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. The domestic wastewater will be treated by screening, aeration digestion, secondary clarification, and chlorination.



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

**AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES**

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

Stream Realty Partners-Houston, LP (CN606422145) propone operar Grand Bauer Logistics Center WWTP (RN112272943), una planta de proceso de lodos activados operada en modo convencional. La instalación estará ubicada en 1.900 pies al sureste de la intersección de Bauer Rd y Cumberland Ridge Dr, en Cypress, Condado de Harris, Texas 77433. Esta solicitud es para nuevo permiso para descargar a un flujo promedio anual de 150.000 galones por día de aguas residuales domésticas tratadas.

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. **estará** tratado por cribado, digestión por aireación, clarificación secundaria y cloración.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

**PROPOSED PERMIT NO. WQ0016868001**

**APPLICATION.** Stream Realty Partners-Houston, L.P., 3040 Post Oak Boulevard, Suite 600, Houston, Texas 77056, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016868001 (EPA I.D. No. TX0148369) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 150,000 gallons per day. The domestic wastewater treatment facility will be located approximately 1,900 feet southeast of the intersection of Cumberland Ridge Drive and Bauer Road, in Harris County, Texas 77433. The discharge route will be from the plant site via pipe to a detention pond; thence to the SH-99 storm sewer system; thence to Little Cypress Creek; thence to Cypress Creek. TCEQ received this application on August 26, 2025. The permit application will be available for viewing and copying at Lone Star College - CyFair Library (HCPL), 9191 Barker Cypress Road, Cypress, in Harris 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=-95.7769,30.014692&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](http://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](http://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 Stream Realty Partners-Houston, L.P. at the address stated above or by calling Mr. Jason Schultz, P.E., Engineer, GFT, at 713-527-6487.

Issuance Date: September 19, 2025

# Comisión de Calidad Ambiental del Estado de Texas



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

### PERMISO PROPUESTO NO. WQ0016868001

**SOLICITUD.** Stream Realty Partners-Houston, L.P., 3040 Post Oak Boulevard, Suite 600, Houston, Texas 77056, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016868001 (EPA I.D. No. TX 0148369) 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 150,000 galones por día. La planta estará ubicada 1,900 pies al sureste de la intersección de Bauer Rd y Cumberland Ridge Dr, en Cypress, en el Condado de Harris, Texas 77433. La ruta de descarga estará del sitio de la planta a través de una tubería a un estanque de detención; de allí al sistema de alcantarillado pluvial SH-99; de allí a Little Cypress Creek; de allí a Cypress Creek. La TCEQ recibió esta solicitud el 26 de agosto de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Lone Star College - CyFair Library (HCPL), 9191 Barker Cypress Road, Cypress, en el condado de Harris, 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=-95.7769,30.014692&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. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas



correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional del Stream Realty Partners-Houston, L.P. a la dirección indicada arriba o llamando a Mr. Jason Schultz, P.E., Engineer, GFT al 713-527-6487.

Fecha de emisión: 19 de septiembre de 2025

August 18, 2025

Executive Director  
Applications Review and Processing Team (MC148)  
Texas Commission on Environmental Quality  
12100 Park 35 Circle  
Austin, TX 78753

**Re: Domestic Wastewater Permit Application (New)  
Stream Realty Partners (Applicant)**

To whom it may concern:

Please find attached one original and three copies of the Domestic Wastewater Discharge Permit Application for a TPDES Permit. Check No. 373035 in the amount of \$850.00 for the application fee has been sent under separate cover to the Financial Administration Division with a copy attached to this application.

If you have any questions or require additional information, please do not hesitate to call 713-520-9570 or e-mail at [Cpugel@gfnet.com](mailto:Cpugel@gfnet.com)

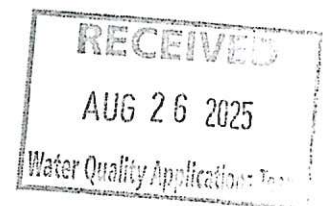
Sincerely,

**GFT**

**T.B.P.E. Firm Registration #1800**



Calvin C. Pugel, P.E.  
Project Manager



Engineering Excellence Since 1945

August 15, 2025

Executive Director  
Applications Review and Proc  
Texas Commission on Enviro  
12100 Park 35 Circle  
Austin, TX 78753

Original

**Re: Domestic Wastewater P  
Stream Realty Partners**

To whom it may concern:

Please find attached one original and three copies of the Domestic Wastewater Discharge Permit Application for a TPDES Permit. Check No. 373035 in the amount of \$850.00 for the application fee has been sent under separate cover to the Financial Administration Division with a copy attached to this application.

If you have any questions or require additional information, please do not hesitate to call 713-520-9570 or e-mail at [Cpugel@gfnet.com](mailto:Cpugel@gfnet.com)

Sincerely,

**GFT**

**T.B.P.E. Firm Registration #1800**

Calvin C. Pugel, P.E.  
Project Manager

Engineering Excellence Since 1945

**TEXAS COMMISSION  
ON  
ENVIRONMENTAL QUALITY**

**DOMESTIC WASTEWATER PERMIT  
APPLICATION  
(NEW)**

**DELIVERED TO: Texas Commission on Environmental Quality  
Application Review and Processing Team  
Building F, Room 2101  
12100 Park 35 Circle  
Austin, TX 78753**

**SUBMITTED BY: GFT  
3100 West Alabama  
Houston, TX 77098**

**GFT Job No. 085524**

**ON BEHALF OF: Stream Realty Partners**

**AUGUST 2025**

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## ATTACHMENTS



# **ATTACHMENTS**

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION  
CHECKLIST**

**Complete and submit this checklist with the application.**

APPLICANT NAME: Stream Realty Partners

PERMIT NUMBER (If new, leave blank): WQ00Click to enter text.

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

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

**For TCEQ Use Only**

Segment Number \_\_\_\_\_ County \_\_\_\_\_  
Expiration Date \_\_\_\_\_ Region \_\_\_\_\_  
Permit Number \_\_\_\_\_



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION  
ADMINISTRATIVE REPORT 1.0**

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

**Section 1. Application Fees (Instructions Page 26)**

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

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

Minor Amendment (for any flow) \$150.00 ☐

**Payment Information:**

Mailed      Check/Money Order Number: 373035  
Check/Money Order Amount: \$850.00  
Name Printed on Check: Texas Commission on Environmental Quality

EPAY      Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed?      Yes ☐

**Section 2. Type of Application (Instructions Page 26)**

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

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

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

- ☐ Active      ☒ Inactive



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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: Click to enter text.

f. For existing permits:

Permit Number: WQ00 Click to enter text.

EPA I.D. (TPDES only): TX Click to enter text.

Expiration Date: Click to enter text.

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

Stream Realty Partners

*(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: Click to enter text.

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

Prefix: Mr.

Last Name, First Name: Wellborn, Tyler

Title: Senior Director

Credential: Click to enter text.

B. Co-applclicant 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-applclicant applying for this permit?

Click to enter text.

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

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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

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

### C. Core Data Form

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

## Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Pugel, Calvin  
Title: Engineer Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 West Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-520-9570 E-mail Address: cpugel@gfnet.com  
Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: Mr. Last Name, First Name: Schultz, Jason  
Title: Project Manager Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 W Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-527-6487 E-mail Address: jschultz@gfnet.com  
Check one or both: ☒ Administrative Contact ☒ Technical Contact

## Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Pugel, Calvin  
Title: Engineer Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 West Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-520-9570 E-mail Address: cpugel@gfnet.com



B. Prefix: Mr. Last Name, First Name: Schultz, Jason  
Title: Project Manager Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 W Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-527-6487 E-mail Address: jschultz@gfnet.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: Wellborn, Tyler  
Title: Senior Director Credential: Click to enter text.  
Organization Name: Stream Realty Partners  
Mailing Address: 3040 Post Oak Blvd, Suite 600 City, State, Zip Code: Houston, TX 77056  
Phone No.: 713-300-0320 E-mail Address: tyler.wellborn@streamrealty.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: Wellborn, Tyler  
Title: Senior Director Credential: Click to enter text.  
Organization Name: Stream Realty Partners  
Mailing Address: 3040 Post Oak Blvd, Suite 600 City, State, Zip Code: Houston, TX 77056  
Phone No.: 713-300-0320 E-mail Address: tyler.wellborn@streamrealty.com

## Section 8. Public Notice Information (Instructions Page 27)

### A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Pugel, Calvin  
Title: Engineer Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 West Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-520-9570 E-mail Address: cpugel@gfnet.com

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

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

- ☒ E-mail Address  
☐ Fax  
☐ Regular Mail

**C. Contact permit to be listed in the Notices**

Prefix: Mr. Last Name, First Name: Schultz, Jason

Title: Engineer Credential: P.E.

Organization Name: GFT

Mailing Address: 3100 W Alabama City, State, Zip Code: Click to enter text.

Phone No.: 713-527-6487 E-mail Address: jschultz@gfnet.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: Lone Star College-CyFair Library (HCPL)

Location within the building: Click to enter text.

Physical Address of Building: 9191 Barker Cypress Road

City: Cypress County: Harris

Contact (Last Name, First Name): Mick Stafford

Phone No.: 281-290-3210 Ext.: Click to enter text.

**E. Bilingual Notice Requirements**

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

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

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

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

☒ Yes ☐ No

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

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

☒ Yes ☐ No



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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

#### F. Summary of Application in Plain Language Template

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

Attachment: B

#### G. Public Involvement Plan Form

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

Attachment: C

### 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 Click to enter text.

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):

Grand Bauer Logistics Center

C. Owner of treatment facility: Stream Realty Partners

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

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

Prefix: Mr.

Last Name, First Name: Wellborn, Tyler

Title: Senior Director

Credential: Click to enter text.

Organization Name: Stream Realty Partners

Mailing Address: 3040 Post Oak Blvd, Suite 600 City, State, Zip Code: Houston, TX 77056

Phone No.: 713-300-0320

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

E. Owner of effluent disposal site:

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

**Attachment:** Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

**Attachment:** Click to enter text.

## Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

Treatment facility is located approximately 1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Drive.

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:

From the treatment facility through a 24-inch pipe (exact size to be determined with facility design) into a proposed detention pond that outfalls to Little Cypress Creek, thence to Cypress Creek.

City nearest the outfall(s): Cypress

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

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:** Click to enter text.

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

## Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes      ☐ No

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

N/A

- B. City nearest the disposal site: Click to enter text.

- C. County in which the disposal site is located: Click to enter text.

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

Click to enter text.

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

## Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes      ☒ No

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

☐ Yes      ☒ No      ☐ Not Applicable

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

Sludge is to be hauled offsite by a licensed hauler

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

### Section 13. Attachments (Instructions Page 33)

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

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☒ Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify: Click to enter text.



## Section 14. Signature Page (Instructions Page 34)

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

Permit Number: Click to enter text.

Applicant: Stream Realty Partners


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): Tyler Wellborn

Signatory title: Senior Director

Signature:  Date: 8/15/25  
(Use blue ink)

Subscribed and Sworn to before me by the said Tyler Wellborn  
on this August day of 15<sup>th</sup>, 2025.  
My commission expires on the April day of 27<sup>th</sup>, 2027.

  
Notary Public



[SEAL]

Harris  
County, Texas

# DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

## Section 1. Affected Landowner Information (Instructions Page 36)

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



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

Click to enter text.

## Section 2. Original Photographs (Instructions Page 38)

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

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

## Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes      ☐ No

# **DOMESTIC WASTEWATER PERMIT APPLICATION**

## **SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)**

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

**Attachment:** H

# ATTACHMENT 1

## INDIVIDUAL INFORMATION

### Section 1. Individual Information (Instructions Page 41)

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

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

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

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

#### For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:



# DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes  
(Full-size map if seeking "New" permit.  
8 1/2 x 11 acceptable for Renewals and Amendments)

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

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

## Things to Know:

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

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

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

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

Summary of Application (in Plain Language) ☒ Yes



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

#### A. Existing/Interim I Phase

Design Flow (MGD): 0.05

2-Hr Peak Flow (MGD): 0.2

Estimated construction start date: March 2026

Estimated waste disposal start date: September 2026

#### B. Interim II Phase

Design Flow (MGD): 0.1

2-Hr Peak Flow (MGD): 0.4

Estimated construction start date: November 2026

Estimated waste disposal start date: May 2027

#### C. Final Phase

Design Flow (MGD): 0.15

2-Hr Peak Flow (MGD): 0.6

Estimated construction start date: July 2027

Estimated waste disposal start date: January 2028

#### D. Current Operating Phase

Provide the startup date of the facility: TBD

### Section 2. Treatment Process (Instructions Page 42)

#### A. Current Operating Phase

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



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

Activated sludge/conventional mode. Raw sewage enters the plant at the lift station and flows by gravity through a bar screen to the following units: aeration basin, clarifier, chlorine contact chamber. The resulting sludge will be processed through an aerobic digester before disposal. Same for all phases.

## 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 Attachment I)		

## C. Process Flow Diagram

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

**Attachment: J**

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

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

- Latitude: 30.014311
- Longitude: 95.775278

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

- Latitude: N/A
- Longitude: Click to enter text.

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

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

**Attachment: K**

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

Future Grand Bauer Logistics Center, 98.3 acre commercial development

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
TBD	Stream Realty Partners	Privately Owned	TBD
		Choose an item.	
		Choose an item.	
		Choose an item.	

## Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

## Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

## Section 6. Permit Specific Requirements (Instructions Page 44)

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

### A. Summary transmittal

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

☐ Yes ☒ No

If yes, provide the date(s) of approval for each phase: [Click to enter text.](#)

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

Click to enter text.

### B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

Click to enter text.



### C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

### D. Grit and grease treatment

#### 1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

#### 2. Grit and grease processing

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

Click to enter text.

#### 3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

**4. Grease and decanted liquid disposal**

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

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

Click to enter text.

**E. Stormwater management**

**1. Applicability**

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

**2. MSGP coverage**

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

☐ Yes ☐ No

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

TXR05 Click to enter text. or TXRNE Click to enter text.

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

☐ Yes ☐ No

**3. Conditional exclusion**

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

☐ Yes ☐ No

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

Click to enter text.

**4. Existing coverage in individual permit**

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

☐ Yes ☐ No

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

Click to enter text.

**5. Zero stormwater discharge**

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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



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

Click to enter text.

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

#### F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☒ Yes ☐ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.  
[Click to enter text.](#)

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

##### 1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the sludge, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

##### 2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No



If **yes** to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the septic waste, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD <sub>5</sub> , 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					
<i>E.coli</i> (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, umohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO <sub>3</sub> )*, 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 <sub>3</sub> ), mg/l					

## Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: TBDFacility Operator's License Classification and Level: TBDFacility Operator's License Number: TBD

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

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

Check all that apply. See instructions for guidance

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

### B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

### C. Sewage Sludge or Biosolids Management

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



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

#### Biosolids Management

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

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

#### D. Disposal site

Disposal site name: TBD

TCEQ permit or registration number: TBD

County where disposal site is located: TBD

#### E. Transportation method

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

Name of the hauler: TBD

Hauler registration number: TBD

Sludge is transported as a:

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

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

#### A. Beneficial use authorization

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

☐ Yes   ☐ No

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

☐ Yes   ☐ No

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

☐ Yes   ☐ No



## B. Sludge processing authorization

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

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

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

- ☐ Yes ☐ No

## Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

- ☐ Yes ☒ No

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

### A. Location information

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

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

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

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

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

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

Click to enter text.

## B. Temporary storage information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Provide the following information:

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

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

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

## C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

#### D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

#### E. Groundwater monitoring

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

☐ Yes ☐ No

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

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



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

### A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

### B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

### A. RCRA hazardous wastes

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

☐ Yes ☒ No



**B. Remediation activity wastewater**

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

☐ Yes ☒ No

**C. Details about wastes received**

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

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

## Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

### CERTIFICATION:

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

Printed Name: Tyler Wellborn

Title: Senior Director

Signature: \_\_\_\_\_

Date: 8/18/25

# DOMESTIC WASTEWATER PERMIT APPLICATION

## TECHNICAL REPORT 1.1

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

### Section 1. Justification for Permit (Instructions Page 56)

#### A. Justification of permit need

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

The proposed permit is needed to enable the commercial development of the 98.3 acres. There is not another permitted treatment facility close enough to this development with enough capacity to provide service to the commercial tract.

#### B. Regionalization of facilities

For additional guidance, please review TCEQ's Regionalization Policy for Wastewater Treatment<sup>1</sup>.

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

##### 1. *Municipally incorporated areas*

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

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

☐ Yes ☒ No ☐ Not Applicable

If yes, within the city limits of: Click to enter text.

If yes, attach correspondence from the city.

**Attachment:** Click to enter text.

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

**Attachment:** Click to enter text.

##### 2. *Utility CCN areas*

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

☐ Yes ☒ No

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



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

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

### 3. *Nearby WWTPs or collection systems*

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

☒ Yes    ☐ No

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

**Attachment:** [L](#)

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:** [M](#)

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

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

## Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes    ☒ No

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

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

### A. Current organic loading

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

Average Influent Organic Strength or BOD<sub>5</sub> Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD<sub>5</sub> conc. X 8.34): [Click to enter text.](#)

Provide the source of the average organic strength or BOD<sub>5</sub> concentration.

[Click to enter text.](#)

## B. Proposed organic loading

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

**Table 1.1(1) – Design Organic Loading**

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality	0.15	300
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.15	
AVERAGE BOD <sub>5</sub> from all sources		300

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

### A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: 5

Other: 63

**B. Interim II Phase Design Effluent Quality**

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: 5

Other: 63

**C. Final Phase Design Effluent Quality**

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: 5

Other: 63

**D. Disinfection Method**

Identify the proposed method of disinfection.

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

Dechlorination process: Click to enter text.

- ☐ Ultraviolet Light: Click to enter text. seconds contact time at peak flow

- ☐ Other: Click to enter text.

**Section 4. Design Calculations (Instructions Page 58)**

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

Attachment: N

**Section 5. Facility Site (Instructions Page 59)**

**A. 100-year floodplain**

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

- ☒ Yes ☐ No

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

FEMA-Flood Insurance Rate Map



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

Click to enter text.

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

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

#### B. Wind rose

Attach a wind rose: [O](#)

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

#### A. Beneficial use authorization

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

☐ Yes ☒ No

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

#### B. Sludge processing authorization

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

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

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

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

Attach a solids management plan to the application.

**Attachment:** [K](#)

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

- Treatment units and processes dimensions and capacities

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

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

# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

#### A. Receiving water outfall

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

#### B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

[Click to enter text.](#)

#### C. Sea grasses

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

☐ Yes ☐ No

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

[Click to enter text.](#)



### Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

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

Name of the immediate receiving waters: On-site Detention Pond

#### A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: 9.40

Average depth of the entire water body, in feet: 6

Average depth of water body within a 500-foot radius of discharge point, in feet:  
6

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

#### B. Flow characteristics

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

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

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

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

### C. Downstream perennial confluences

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

Little Cypress Creek

### 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.

Detention Pond discharges to SH 99 drainage system, thence to Little Cypress Creek.

### E. Normal dry weather characteristics

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

Little Cypress Creek has low level of moderately turbid running water in the creek.

Date and time of observation: 7/21/2025 @ 6:00pm

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

### A. Upstream influences

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

- |   |   |
|---|---|
| <input type="checkbox"/> Oil field activities | <input checked="" type="checkbox"/> Urban runoff                        |
| <input type="checkbox"/> Upstream discharges  | <input type="checkbox"/> Agricultural runoff                            |
| <input type="checkbox"/> Septic tanks         | <input type="checkbox"/> Other(s), specify: <u>Click to enter text.</u> |

## B. Waterbody uses

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

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

## C. Waterbody aesthetics

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

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



# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

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

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

### Section 1. General Information (Instructions Page 65)

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

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

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

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

☐ Perennial ☐ Intermittent with perennial pools

### Section 2. Data Collection (Instructions Page 65)

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

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

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

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

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

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

[Click to enter text.](#)

## Stream transects

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

**Table 2.1(1) - Stream Transect Records**

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

## Section 3. Summarize Measurements (Instructions Page 65)

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

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

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

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

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

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

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

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

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

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

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

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

- |   |  |
|---|--|
| <input type="checkbox"/> Surface application  | <input type="checkbox"/> Subsurface application                |
| <input type="checkbox"/> Irrigation   | <input type="checkbox"/> Subsurface soils absorption           |
| <input type="checkbox"/> Drip irrigation system   | <input type="checkbox"/> Subsurface area drip dispersal system |
| <input type="checkbox"/> Evaporation  | <input type="checkbox"/> Evapotranspiration beds               |
| <input type="checkbox"/> Other (describe in detail): <a href="#">Click to enter text.</a> |  |

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

For existing authorizations, provide Registration Number: [Click to enter text.](#)

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

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

**Table 3.0(1) – Land Application Site Crops**

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



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

**Table 3.0(2) – Storage and Evaporation Ponds**

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type

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

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

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

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

☐ Yes ☐ No

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

[Click to enter text.](#)

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

[Click to enter text.](#)

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

[Click to enter text.](#)

## Section 5. Annual Cropping Plan (Instructions Page 67)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment:** [Click to enter text.](#)

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

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

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment:** [Click to enter text.](#)

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

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

**Table 3.0(3) – Water Well Data**

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	



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

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

## Section 7. Groundwater Quality (Instructions Page 68)

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

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

Are groundwater monitoring wells available onsite? ☐ Yes ☐ No

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

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

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

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

### A. Soil map

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

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

### B. Soil analyses

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

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

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

**Table 3.0(4) – Soil Data**

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number



## Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

☐ Yes    ☐ No

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

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

**Table 3.0(5) – Effluent Monitoring Data**

[illegible]

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

Click to enter text.

# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

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

### Section 1. Surface Disposal (Instructions Page 71)

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

#### A. Irrigation

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

Design application frequency:

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

Land grade (slope):

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

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

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

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

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

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

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

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

#### B. Evaporation ponds

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

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

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

#### C. Evapotranspiration beds

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

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

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

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

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

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

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



#### D. Overland flow

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

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

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

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

Design BOD<sub>5</sub> loading rate, in lbs BOD<sub>5</sub>/acre/day: [Click to enter text.](#)

Design application frequency:

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

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

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

## Section 2. Edwards Aquifer (Instructions Page 72)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

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

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

### Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

### Section 2. Edwards Aquifer (Instructions Page 73)

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

- ☐ Yes ☐ No

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

- ☐ Yes ☐ No

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



# DOMESTIC WASTEWATER PERMIT APPLICATION

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

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

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

### Section 1. Administrative Information (Instructions Page 74)

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

B. Click to enter text. Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?

☐ Yes ☐ No

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

Click to enter text.

C. Owner of the subsurface area drip dispersal system: Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.

E. Owner of the land where the subsurface area drip dispersal system is located: Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.



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

### A. Type of system

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

### B. Irrigation operations

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

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

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

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

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

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

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

### C. Application rate

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

### D. Dosing information

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

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

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

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

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

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

☐ Yes ☐ No

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

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

### Section 3. Required Plans (Instructions Page 74)

#### A. Recharge feature plan

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

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

#### B. Soil evaluation

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

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

#### C. Site preparation plan

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

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

#### D. Soil sampling/testing

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

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

### Section 4. Floodway Designation (Instructions Page 75)

#### A. Site location

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

☐ Yes ☐ No

#### B. Flood map

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

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

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

#### A. Buffer Map

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

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

**B. Buffer variance request**

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

☐ Yes ☐ No

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

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

**Section 6. Edwards Aquifer (Instructions Page 75)**

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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



# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

### Section 1. Toxic Pollutants (Instructions Page 76)

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

Grab ☐ Composite ☐

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

**Table 4.0(1) – Toxics Analysis**

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

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

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



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

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

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

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

## Section 2. Priority Pollutants

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

Grab ☐ Composite ☐

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

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

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

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

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

**Table 4.0(2)B – Volatile Compounds**

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



**Table 4.0(2)C – Acid Compounds**

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

**Table 4.0(2)D – Base/Neutral Compounds**

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

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



**Table 4.0(2)E - Pesticides**

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

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

### Section 3. Dioxin/Furan Compounds

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

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

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

Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.

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

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

Grab ☐ Composite ☐

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

**Table 4.0(2)F – Dioxin/Furan Compounds**

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



# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

### Section 1. Required Tests

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

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

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

### Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☐ No

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

[Click to enter text.](#)

### Section 3. Summary of WET Tests

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

**Table 5.0(1) Summary of WET Tests**

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

### Section 1. All POTWs (Instructions Page 87)

#### A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

#### B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.



### C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

### D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

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

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☐ No

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

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

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

### A. Substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

**B. Non-substantial modifications**

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

☐ Yes ☐ No

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

Click to enter text.

**C. Effluent parameters above the MAL**

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

**Table 6.0(1) – Parameters Above the MAL**

Pollutant	Concentration	MAL	Units	Date

**D. Industrial user interruptions**

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

☐ Yes ☐ No

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

Click to enter text.

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

#### A. General information

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

SIC Code: [Click to enter text.](#)

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

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

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

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

Email address: [Click to enter text.](#)

#### B. Process information

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

[Click to enter text.](#)

#### C. Product and service information

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

[Click to enter text.](#)

#### D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent



#### E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: Click to enter text.

Click or tap here to enter text. Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

#### F. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

# WORKSHEET 7.0

## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

### CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

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

For TCEQ Use Only

Reg. No. \_\_\_\_\_

Date Received \_\_\_\_\_

Date Authorized \_\_\_\_\_

#### Section 1. General Information (Instructions Page 90)

**1. TCEQ Program Area**

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

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

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

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

**2. Agent/Consultant Contact Information**

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

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

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

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

**3. Owner/Operator Contact Information**

☐ Owner ☐ Operator

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

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

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

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

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

**4. Facility Contact Information**

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

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

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

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

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

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

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

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

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

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

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

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

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

7. **Purpose**

Detailed Description regarding purpose of Injection System:

<a href="#">Click to enter text.</a>
--------------------------------------

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

8. **Water Well Driller/Installer**

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

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

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

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

## Section 2. Proposed Down Hole Design

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

**Table 7.0(1) – Down Hole Design Table**

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



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

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

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

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

### Section 4. Site Hydrogeological and Injection Zone Data

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

## Section 5. Site History

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

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

### *Class V Injection Well Designations*

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

## **Attachment A**

### **Core Data Form Section 3(C), Page 4 of 17 (Administrative Report 1.0)**





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.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN CN 606422145		RN RN 112272943

## SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership				
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)				
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) <span style="float: right;">If new Customer, enter previous Customer below:</span>				
Stream Realty Partners-Houston, LP				
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
	32035198822			
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:
12. Number of Employees			13. Independently Owned and Operated?	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher			<input type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following				
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:				
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant				
15. Mailing Address:		3040 Post Oak Blvd		
		Suite 600		
City	Houston	State	TX	ZIP 77056 ZIP + 4
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)	
			tyler.wellborn@streamrealty.com	

<b>18. Telephone Number</b> ( 713 ) 320-0320	<b>19. Extension or Code</b>	<b>20. Fax Number (if applicable)</b> (   ) -
---	------------------------------	--

### SECTION III: Regulated Entity Information

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

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

<b>25. Description to Physical Location:</b>	1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Drive.							
<b>26. Nearest City</b>	Cypress				<b>State</b>	TX	<b>Nearest ZIP Code</b>	77433
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
<b>27. Latitude (N) In Decimal:</b>		30.014311			<b>28. Longitude (W) In Decimal:</b>		95.775278	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30	0	51.52	95	46	31.00			
<b>29. Primary SIC Code</b> (4 digits)		<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)		
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)  Commercial Logistics Center								
<b>34. Mailing Address:</b>	3040 Post Oak Blvd							
	Suite 600							
	City	Houston	State	TX	ZIP	77056	ZIP + 4	
<b>35. E-Mail Address:</b>		tyler.wellborn@streamrealty.com						
<b>36. Telephone Number</b>		<b>37. Extension or Code</b>			<b>38. Fax Number (if applicable)</b>			
( 713 ) 300-0320					(   ) -			

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

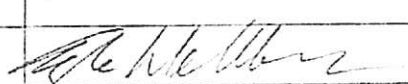
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review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

### **SECTION IV: Preparer Information**

<b>40. Name:</b>	Calvin C. Pugel	<b>41. Title:</b>	Project Engineer
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>
( 713 ) 520-9570		( ) -	cpugel@gfnet.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.

<b>Company:</b>	Stream Realty Partners	<b>Job Title:</b>	Senior Director
<b>Name (In Print):</b>	Tyler Wellborn	<b>Phone:</b>	( 713 ) 300- 0320
<b>Signature:</b>		<b>Date:</b>	





# 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

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

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)					
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)							
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>							
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>			
Stream Realty Partners							
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)		
<b>11. Type of Customer:</b>		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited		
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:			
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>			
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher				<input type="checkbox"/> Yes <input type="checkbox"/> No			
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following							
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant							
<b>15. Mailing Address:</b>		3040 Post Oak Blvd					
		Suite 600					
		City	Houston	State	TX	ZIP	77056
<b>16. Country Mailing Information</b> (if outside USA)					<b>17. E-Mail Address</b> (if applicable)		
					tyler.wellborn@streamrealty.com		

<b>18. Telephone Number</b> ( 713 ) 320-0320	<b>19. Extension or Code</b>	<b>20. Fax Number (if applicable)</b> (   ) -
---	------------------------------	--

### SECTION III: Regulated Entity Information

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

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

<b>25. Description to Physical Location:</b>		1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Drive.					
<b>26. Nearest City</b>				<b>State</b>		<b>Nearest ZIP Code</b>	
Cypress				TX		77433	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
<b>27. Latitude (N) In Decimal:</b>		30.014311		<b>28. Longitude (W) In Decimal:</b>		95.775278	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
30	0	51.52	95	46	31.00		
<b>29. Primary SIC Code</b> (4 digits)		<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)	
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)							
Commercial Logistics Center							
<b>34. Mailing Address:</b>		3040 Post Oak Blvd					
		Suite 600					
City		Houston	State	TX	ZIP	77056	ZIP + 4
<b>35. E-Mail Address:</b>		tyler.wellborn@streamrealty.com					
<b>36. Telephone Number</b>		<b>37. Extension or Code</b>		<b>38. Fax Number (if applicable)</b>			
( 713 ) 300-0320				(   ) -			

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

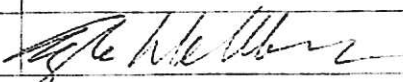
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review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

### **SECTION IV: Preparer Information**

<b>40. Name:</b>	Calvin C. Pugel	<b>41. Title:</b>	Project Engineer
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>
( 713 ) 520-9570		( ) -	cpugel@gfnet.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.

<b>Company:</b>	Stream Realty Partners	<b>Job Title:</b>	Senior Director
<b>Name (In Print):</b>	Tyler Wellborn	<b>Phone:</b>	( 713 ) 300- 0320
<b>Signature:</b>		<b>Date:</b>	



## **Attachment B**

### **Plain Language Summary Section 8(F), Page 7 of 17**

(Administrative Report 1.0)



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Stream Realty Partners (CN) proposes to operate Grand Bauer Logistics Center WWTP (RN1#####), an activated sludge process plant operated in conventional mode. The facility will be located at 1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Dr, in Cypress, Harris County, Texas 77433. This application is for a new permit to discharge at an annual average flow of 150,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. The domestic wastewater will be treated by screening, aeration digestion, secondary clarification, and chlorination.

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

**AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES**

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

Stream Realty Partners (CN) propone operar Grand Bauer Logistics Center WWTP (RN1#####), una planta de proceso de lodos activados operada en modo convencional. La instalación estará ubicada en 1,900 pies al sureste de la intersección de Bauer Rd y Cumberland Ridge Dr, en Cypress, Condado de Harris, Texas 77433. Esta solicitud es para nuevo permiso para descargar a un flujo promedio anual de 150,000 galones por día de aguas residuales domésticas tratadas.

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. estará tratado por cribado, digestión por aireación, clarificación secundaria y cloración.



## INSTRUCTIONS

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

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

### **Example 1: Industrial Wastewater TPDES Application (ENGLISH)**

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

ABC Corporation (CN600000000) operates the Starr Power Station (RN1000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

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

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

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

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



### **Example 2: Domestic Wastewater TPDES Renewal application**

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

### **Example 3: Domestic Wastewater TPDES New Application**

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

### **Example 4: Domestic Wastewater TLAP Renewal application**

*The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change*



*during the technical review of the application and are not federal enforceable representations of the permit application.*

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

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

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD<sub>5</sub>), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.

## **Attachment C**

### **Public Involvement Plan Form Section 8(G), Page 7 of 17**

(Administrative Report 1.0)



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.



### Section 3. Application Information

#### Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V  
Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire  
☐ Radioactive Material Licensing ☐ Underground Injection Control

#### Water Quality

- ☒ Texas Pollutant Discharge Elimination System (TPDES)  
☐ Texas Land Application Permit (TLAP)  
☐ State Only Concentrated Animal Feeding Operation (CAFO)  
☐ Water Treatment Plant Residuals Disposal Permit  
☐ Class B Biosolids Land Application Permit  
☐ Domestic Septage Land Application Registration

#### Water Rights New Permit

- ☐ New Appropriation of Water  
☐ New or existing reservoir

#### Amendment to an Existing Water Right

- ☐ Add a New Appropriation of Water  
☐ Add a New or Existing Reservoir  
☐ Major Amendment that could affect other water rights or the environment

### Section 4. Plain Language Summary

Provide a brief description of planned activities.

Stream Realty Partners proposes to operate Grand Bauer Logistics Center Wastewater Treatment Facility, an activated sludge process plant operated in conventional mode. The facility will be located approximately 1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Dr, in Cypress, Harris County, Texas 77433.

This application is for the new permit to discharge at an annual average flow of 150,000 gallons per day of treated domestic wastewater.

## Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

**Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.**

Cypress

(City)

Harris

(County)

5557.04

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

☐

City

☐

County

☒

Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

92.6%

(b) Per capita income for population near the specified location

\$33,213

(c) Percent of minority population and percent of population by race within the specified location

White (non-Hispanic) 55.8%, Hispanic 39.9% Asian 0.9%, African American 0.3%

(d) Percent of Linguistically Isolated Households by language within the specified location

No information available

(e) Languages commonly spoken in area by percentage

No information available

(f) Community and/or Stakeholder Groups

No information available

(g) Historic public interest or involvement

No information available

### Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☒ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☒ No

If Yes, please describe.

**If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.**

(c) Will you provide notice of this application in alternative languages?

☒ Yes ☐ No

**Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.**

If yes, how will you provide notice in alternative languages?

- ☒ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☒ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?

☒ Yes ☐ No

(f) Hard copies of the application will be available at the following (check all that apply):

- ☐ TCEQ Regional Office ☐ TCEQ Central Office
- ☒ Public Place (specify) Lone Star College-CyFair Library (HCPL)

### Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)



## **Attachment D**

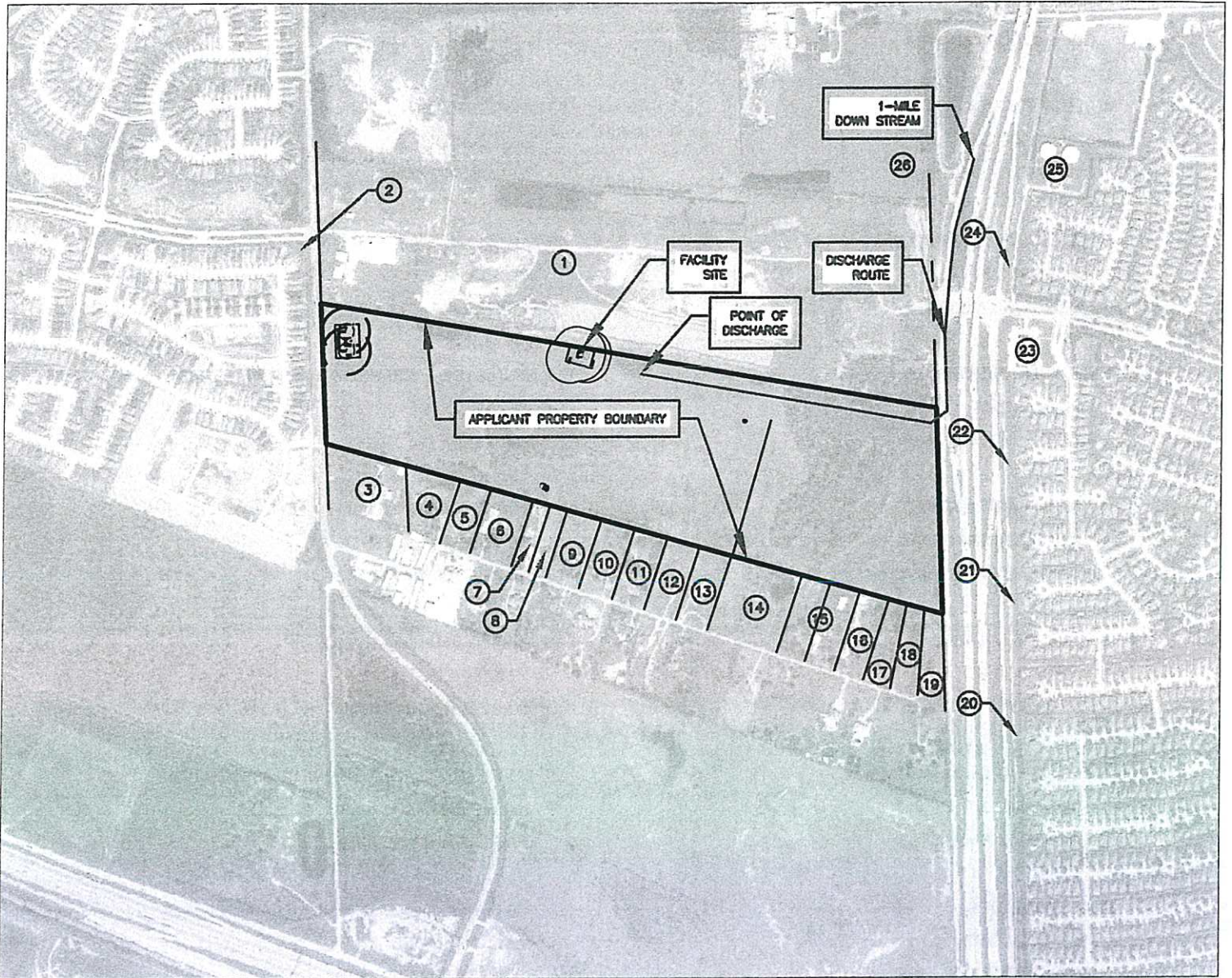
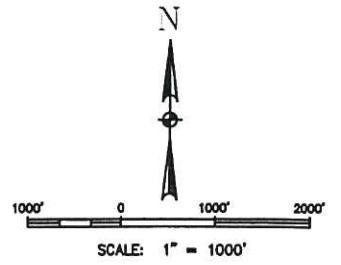
### **USGS Quadrangle Maps Section 13, Page 10 of 17**

(Administrative Report 1.0)

## **Attachment E**

### **Affected Landowner Map Section 1(A), Page 12 of 17**

(Administrative Report 1.1)



**GFT**

T.B.P.E.L.S. FIRM REGISTRATION #1800  
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

GRAND BAUER LOGISTICS  
PRELIMINARY ENGINEERING  
ADJACENT PROPERTY OWNERS

STREAM REALTY PARTNERS

SCALE: 1" = 1000' | July 28, 2025



- 1 GULF COAST LAND TRUST  
PO BOX 1504  
NEEDVILLE TX 77461-1504
- 2 HARRIS COUNTY MUD NO 319  
PO BOX 1368  
FRIENDSWOOD TX 77549-1368
- 3 GARCIA ANTHONY  
16902 BAUER RD  
CYPRESS TX 77433-4257
- 4 HENRY JON P & AVA D  
31010 COCO ST  
CYPRESS TX 77433-4264
- 5 MANLEY JAMES R & ADELIA  
31002 COCO ST  
CYPRESS TX 77433-4264
- 6 DECAILLE LAVERNE  
30918 COCO ST  
CYPRESS TX 77433-4263
- 7 GARCIA MARTE & ALMA L  
14551 ROARING FORK LN  
HOUSTON TX 77095-5243
- 8 TELLO JOSE & LIDIA  
30916 COCO ST  
CYPRESS TX 77433
- 9 FERIOLI MIGUEL & MAGDALENA  
30902 COCO ST  
CYPRESS TX 77433-4263
- 10 GUERRA ALDEN  
30818 COCO ST  
CYPRESS TX 77433-4258
- 11 BABIN DANNY & MARGARET  
30810 COCO ST  
CYPRESS TX 77433-4258
- 12 CAMPBELL CHARLES L CAMPBELL LINDA  
30802 COCO ST  
CYPRESS TX 77433-4258
- 13 MA JIAN ZHONG  
LUONG ELAINE  
20506 SPRING ROSE DR  
KATY TX 77450-8236
- 14 ALLEN MICHAEL L & FRANCES  
30710 COCO ST  
CYPRESS TX 77433-4917
- 15 CORTEZ JESSE A  
30610 COCO ST  
CYPRESS TX 77433-4920
- 16 AMADOR MANUEL  
30602 COCO ST  
CYPRESS TX 77433-4920
- 17 DENNIS LEROY CRANSTON REVOCABLE TRUST  
30518 COCO ST  
CYPRESS TX 77433-4906
- 18 AMADOR GABRIEL JR  
31215 GULF CYPRESS LN  
HOCKLEY TX 77447-5347
- 19 GERARD CARL & NATHY  
30502 COCO ST  
CYPRESS TX 77433-4906
- 20 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION  
16055 MASON RD  
CYPRESS TX 77433-5619
- 21 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION  
16055 MASON RD  
CYPRESS TX 77433-5619
- 22 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION  
16055 MASON RD  
CYPRESS TX 77433-5619

23 DRZ CYP TX LLC

CVS PHARMACY

4918 LOCUST ST

BELLAIRE TX 77401-4056

24 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

25 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

26 CES HOLDINGS LLC

22803 SCHIEL RD

CYPRESS TX 77433-4262

## **Attachment F**

### **Photographs**

#### **Section 2, Page 13 of 17**

(Administrative Report 1.1)



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: Jason Schultz

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

Title: Project Manager

Mailing Address: 3100 West Alabama St.

City, State, Zip Code: Houston, TX 77098

Phone No.: 713-527-6487 Ext.:

Fax No.:

E-mail Address: jschultz@gfnet.com

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

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

From the treatment facility through a 24-inch pipe (exact size to be determined with facility design) into a proposed detention pond that outfalls to Little Cypress Creek, thence to Cypress Creek.

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



# WASTEWATER TREATMENT FACILITY SITE

GRAND BAUER LOGISTICS CENTER







Photo 1 – Bauer Road Looking East Towards WWTP Site



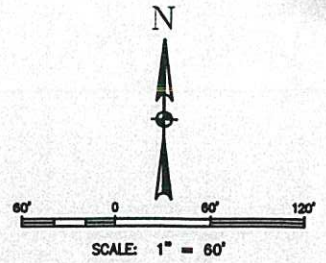
Photo 2 – TX 99 Looking West Towards WWTP Site



## **Attachment G**

### **Buffer Zone Map Section 3(A), Page 13 of 17**

(Administrative Report 1.1)



150' BUFFER ZONE

ADJACENT  
PROPERTY

PROPOSED  
SEWER PLANT

APPLICANT  
PROPERTY

SEWER PLANT  
SITE BOUNDARY

APPLICANT  
PROPERTY

APPLICANT  
PROPERTY

150' BUFFER ZONE

**GFT**

T.B.P.E.L.S. FIRM REGISTRATION #1800  
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

BUFFER ZONE MAP

STREAM REALTY PARTNERS

SCALE: 1" = 60' | July 28, 2025



## **Attachment H**

### **Supplemental Permit Information Form Page 14 of 17**

(Administrative Report 1.1)



☐ 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):

Approximately 0.41 acres will be cleared and prepared for construction of the treatment facility

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

Farmland

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:

No structures or construction to date

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

Rural farmland

# **Attachment I**

## **Treatment Units Section 2(B), Page 2 of 66**

(Technical Report 1.0)

**Table 1.0(1) – Treatment Units**

Phase	Treatment Unit Type	Number of Units	Dimensions (L x W x D)
1	Aeration	1	22' x 22' x 10.4'
	Clarifier	1	18' Dia. @ 10.17' Depth
	Digester	1	16.5' x 16.5' x 10.5'
	Chlorine Contact Chamber	1	8' x 8' x 8.42'
2	Aeration	2	22' x 22' x 10.4'
	Clarifier	2	18' Dia. @ 10.17' Depth
	Digester	2	16.5' x 16.5' x 10.5'
	Chlorine Contact Chamber	2	8' x 8' x 8.42'
3	Aeration	3	22' x 22' x 10.4'
	Clarifier	3	18' Dia. @ 10.17' Depth
	Digester	3	16.5' x 16.5' x 10.5'
	Chlorine Contact Chamber	3	8' x 8' x 8.42'



## **Attachment J**

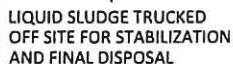
### **Flow Diagram Section 2(C), Page 2 of 66**

(Technical Report 1.0)









## **Attachment K**

### **Facility Site Drawing Section 3, Page 2 of 66**

(Technical Report 1.0)

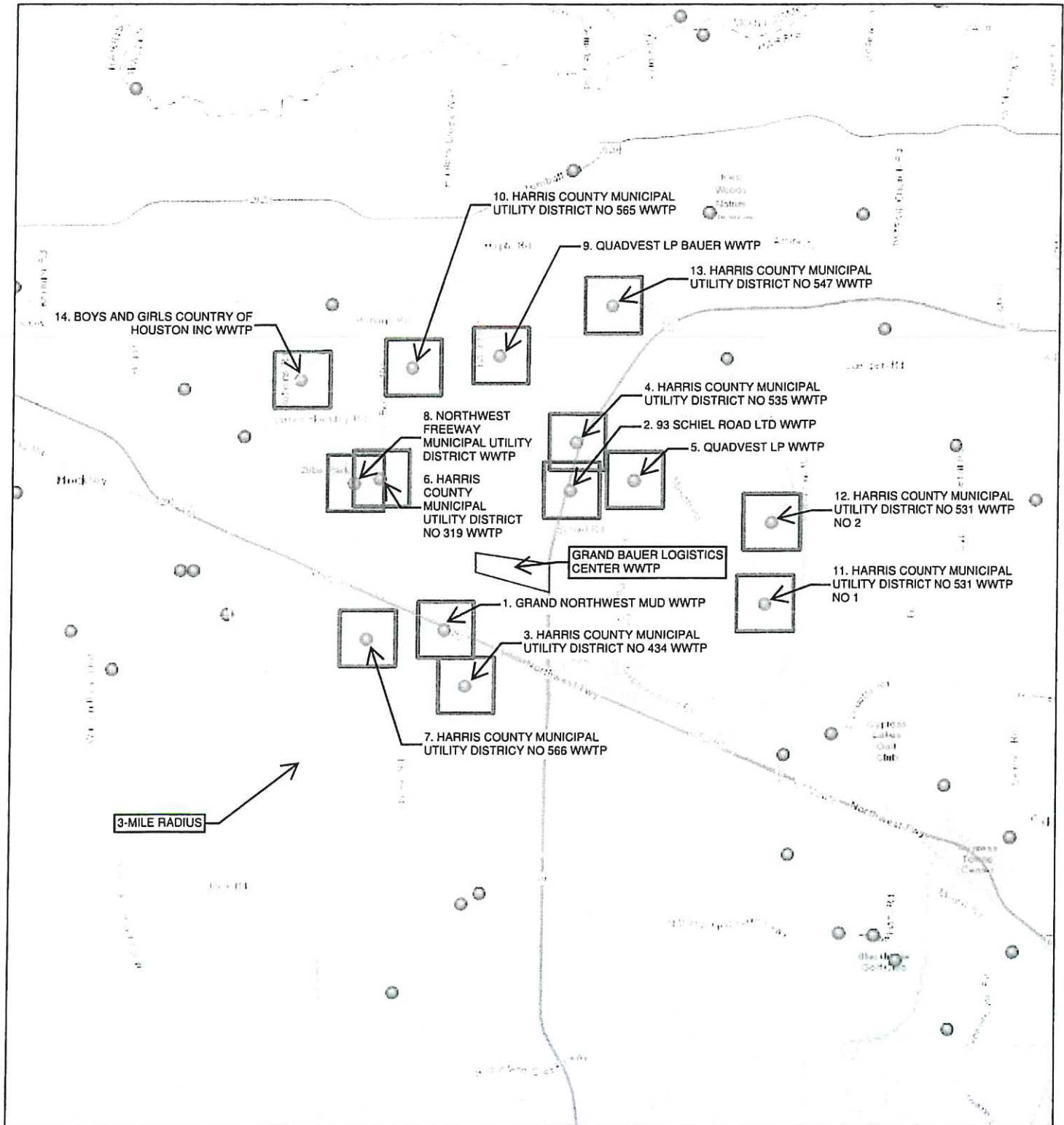
## **Attachment L**

### **Wastewater Treatment Facilities Within 3 Miles Section 1(B), Page 20 of 66**

(Technical Report 1.1)



# ArcGIS Web Map



7/28/2025, 4:25:35 PM

ArcGIS World Geocoding Service

Wastewater Outfalls

Citations



0 0.75 1.5 3 mi  
0 1.25 2.5 5 km

1:106,561

TCEQ, City of Houston, HPB, Texas Parks & Wildlife, Esri, HERE, Garmin, INCREMENT P, USGS, MET/NASA, NGA, EPA, USDA

Experience Builder for ArcGIS

## **Attachment M**

### **Correspondence to Neighboring Facilities Section 1(B), Page 20 of 66**

(Technical Report 1.1)

FIRST NAME \*

Calvin

LAST NAME \*

Pugel

EMAIL \*

cpugel@qfnet.com

PHONE NUMBER \*

2069993549

LOCATIONS \*

OTHER

This field requires a unique entry and "Texas" has already been used

OTHER LOCATION \*

Houston

MESSAGE \*

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3 mile radius of our proposed facility. The 93 Schiel Road WWTP falls within that radius, and Euliano Gonzalez is listed on the permit thus I am reaching out to him. The mailing address on the permit is not matching up, so if Euliano could forward this request to the appropriate person or answer it directly that would be greatly appreciated.

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you!

CAPTCHA

☒ I'm not a robot



**Calvin Pugel**

---

**From:** Amy Luna <Amy.Luna@inframark.com>  
**Sent:** Tuesday, August 5, 2025 9:56 AM  
**To:** Calvin Pugel; Builder Services  
**Subject:** Re: Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for HC MUD 434 WWTP

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning,

Mr. Pugel I have forwarded this to upper management so they may confirm.

As soon as we have an update, we will follow up.

Thank you



**Amy Luna | Builder Services**  
**32259 Morton Rd Brookshire ,Tx 77423**  
**M: 512.552.5575 [www.inframark.com](http://www.inframark.com)**  
**[builderservices@inframark.com](mailto:builderservices@inframark.com)**

*Sewer inspection requests **MUST** be submitted by 3:00 p.m. to be on schedule for the following day, televised sewer inspections will not be permitted.*

*All CSI requests must be submitted with backflow reports attached if applicable and are scheduled depending on availability.*

***\*Please send all Houston and surrounding area request  
to [builderservices@inframark.com](mailto:builderservices@inframark.com)***

***\* Please send all North TX area request  
to [NTXinspections@inframark.com](mailto:NTXinspections@inframark.com)***

---

**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Tuesday, August 5, 2025 9:09 AM  
**To:** Builder Services <builderservices@inframark.com>  
**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for HC MUD 434 WWTP

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---

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Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Harris County MUD 434 WWTP falls within that radius (Permit No. WQ0014576001).

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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Here there, we appreciate all feedback from our members. This page is here to guide you through any questions, concerns, etc. Let us know how we can help by filling out each section below:

Calvin Pugel

cpugel@gfnet.com

GFT

## AWBD Interests

Do you have any suggestions for us? Want to connect with more AWBD members? Talk to us here!

- ☐ **Have a Questions?** Send us your questions and an AWBD representative will respond promptly.
- ☐ **Join AWBD Districts** and companies that work with districts are invited to become AWBD members. [Click here](#) for more details.
- ☐ **Become a Water Smart Member** Earn recognition for being a water efficiency leader in AWBD's Water Smart Program. [Click here](#) for more details.
- ☐ **Connect with an AWBD Ambassadors** Are you new to AWBD? Want to get the most out of your membership? Connect with an AWBD ambassador today. [Click here](#) for more details.
- ☐ **Join Emerging Leaders** Are you interested in becoming an expert director or water district industry leader. Join AWBD's premier leadership program to grow your connections, knowledge, and skills. [Click here](#) for more details.
- ☐ **Join an AWBD Committee** Are you a seasoned board member or industry expert looking to volunteer your experience to help districts? Let us know where you would like to serve.
- ☐ **Ad, Sponsorship, and Exhibitor Inquiries** Would you like to reach AWBD's over 650 district members and industry leaders? Contact us and figure out the best ways to connect with your customers.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Harris County MUD 535 WWTP falls within that radius (Permit pending).

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you.

protected by reCAPTCHA  
Privacy Terms



SEND

✓ Your submission was successful.



**Calvin Pugel**

---

**From:** support <supportq@quadvest.com>  
**Sent:** Monday, August 4, 2025 12:01 PM  
**To:** Calvin Pugel  
**Subject:** Automatic reply: Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Quadvest LP Lakes of Fairhaven WWTP

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Thank you for contacting Quadvest. Your inquiry is very important to us. Our Customer Service team will reach out to you within 24 business hours excluding holidays and weekends.

Thank you for your business. We appreciate the opportunity to serve you and your family.

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**Support**  
Common Mailbox  
d: 281-356-5347  
c:  
[www.quadvest.com](http://www.quadvest.com)

## Calvin Pugel

---

**From:** Calvin Pugel  
**Sent:** Monday, August 4, 2025 12:01 PM  
**To:** 'support@quadvest.com'  
**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Quadvest LP Lakes of Fairhaven WWTP

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Quadvest LP Lakes of Fairhaven WWTP falls within that radius (Permit No. WQ0014434001).

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

### Calvin C. Pugel, P.E.

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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July 30, 2025

GFT  
3100 West Alabama St  
Houston, TX 77098

Attn: Mr. James P. McConathy

**RE: Grand Bauer Logistics Center – Proposed Wastewater Treatment Facilities**

Mr. McConathy,

Stream Realty Partners is in the process of obtaining a waste discharge permit for a 98.3-acre development approximately 1,900 feet southeast of the intersection of Bauer Road and Cumberland Ridge Drive. In accordance with the TCEQ's rules and regulations we are contacting you because our proposed facility is within 3 miles of the Harris County MUD 319 WWTP you represent.

We would like to know if the treatment plant referenced above has an additional 0.15 MGD capacity available for the 98.3-acres referenced. Please check the appropriate response below and return to my attention.

\_\_\_\_\_ - Yes, the above referenced area has the available capacity

JPW ✓  
\_\_\_\_\_ - No, the above referenced area does not have any additional capacity

Responses can be mailed to my attention at: GFT  
3100 W. Alabama  
Houston, TX 77098

Or e-mailed to cpugel@gfnet.com

Sincerely,  
**GFT**  
**T.B.P.E. Firm Registration #1800**

Calvin C. Pugel, P.E.  
Project Manager



July 30, 2025

GFT  
3100 West Alabama St  
Houston, TX 77098

Attn: Mr. James P. McConathy

**RE: Grand Bauer Logistics Center – Proposed Wastewater Treatment Facilities**

Mr. McConathy,

Stream Realty Partners is in the process of obtaining a waste discharge permit for a 98.3-acre development approximately 1,900 feet southeast of the intersection of Bauer Road and Cumberland Ridge Drive. In accordance with the TCEQ's rules and regulations we are contacting you because our proposed facility is within 3 miles of the Harris County MUD 566 WWTP you represent.

We would like to know if the treatment plant referenced above has an additional 0.15 MGD capacity available for the 98.3-acres referenced. Please check the appropriate response below and return to my attention.

\_\_\_\_\_ - Yes, the above referenced area has the available capacity

✓ *JP*

\_\_\_\_\_ - No, the above referenced area does not have any additional capacity

Responses can be mailed to my attention at: GFT  
3100 W. Alabama  
Houston, TX 77098

Or e-mailed to cpugel@gfnet.com

Sincerely,

**GFT**

**T.B.P.E. Firm Registration #1800**

Calvin C. Pugel, P.E.  
Project Manager

**Calvin Pugel**

---

**From:** Rene Hurtado <RHurtado@sandereng.com>  
**Sent:** Monday, August 4, 2025 3:06 PM  
**To:** Calvin Pugel  
**Cc:** Dennis Sander  
**Subject:** RE: Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Northwest Freeway MUD WWTP

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Afternoon Calvin,

The Northwest Freeway MUD WWTP does not have the capacity to provide service to your proposed development.

If you have any questions or need additional information, don't hesitate to let us know.

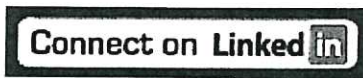
Thanks,

**René G. Hurtado, P.E.**

Project Manager/Partner

[rhurtado@sandereng.com](mailto:rhurtado@sandereng.com)

Tel (713) 784-4830 | Direct Line (281) 763-7631 | Mobile (225) 802-5818 | Fax (713) 784-4052



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**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Monday, August 4, 2025 2:54 PM  
**To:** Rene Hurtado <RHurtado@sandereng.com>  
**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Northwest Freeway MUD WWTP

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Northwest Freeway MUD WWTP falls within that radius (Permit No. WQ0011913001).

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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**Calvin Pugel**

---

**From:** support <supportq@quadvest.com>  
**Sent:** Wednesday, August 6, 2025 10:08 AM  
**To:** Calvin Pugel  
**Subject:** RE: Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Quadvest LP Bauer WWTP

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

Thank you for contacting Quadvest.

Unfortunately, Quadvest cannot provide service to this development.

Thank you,  
Customer Care



Support  
Common Mailbox  
d: 281-356-5347  
c:  
[www.quadvest.com](http://www.quadvest.com)

**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Monday, August 4, 2025 3:19 PM  
**To:** support <supportq@quadvest.com>  
**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Quadvest LP Bauer WWTP

**WARNING:** This email is from outside the organization. Please use caution opening links or attachments.

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Quadvest LP Bauer WWTP falls within that radius (Permit No. WQ0014675001).

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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**Calvin Pugel**

---

**From:** Calvin Pugel  
**Sent:** Monday, August 4, 2025 3:41 PM  
**To:** info@si-environmental.com  
**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Harris County MUD 565 WWTP

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Harris County Mud 565 WWTP falls within that radius (Permit No. WQ0015683001).

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

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**Calvin Pugel**

---

**From:** Shammara Polk <spolk@abhr.com>  
**Sent:** Wednesday, August 6, 2025 9:08 AM  
**To:** Calvin Pugel  
**Cc:** Katie Sherborne  
**Subject:** RE: Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Harris County MUD 531 WWTP 1 & 2

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning, Mr. Pugel:

Your request has been forwarded to the district engineer.

Thank you,

**Shammara Polk**  
Legal Assistant, Allen Boone Humphries Robinson LLP

O (713) 800-2076 F (713) 800-2077 W [ABHR.com](http://ABHR.com)  
E [spolk@abhr.com](mailto:spolk@abhr.com)  
A 3200 Southwest Freeway, Suite 2600 | Houston, TX 77027



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**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Tuesday, August 5, 2025 3:13 PM  
**To:** Katie Sherborne <ksherborne@abhr.com>  
**Cc:** Shammara Polk <spolk@abhr.com>

**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Harris County MUD 531 WWTP 1 & 2

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Harris County Mud 531 WWTPs 1 & 2 fall within that radius (Permit No. WQ0015218001) (Permit No. WQ0016334001).

I am required to ask if your facilities can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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**GFT**

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**Calvin Pugel**

---

**From:** Shammara Polk <spolk@abhr.com>  
**Sent:** Wednesday, August 6, 2025 9:08 AM  
**To:** Calvin Pugel  
**Cc:** Katie Sherborne  
**Subject:** RE: Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Harris County MUD 531 WWTP 1 & 2

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Good Morning, Mr. Pugel:

Your request has been forwarded to the district engineer.

Thank you,

**Shammara Polk**  
Legal Assistant, Allen Boone Humphries Robinson LLP

**O** (713) 800-2076 **F** (713) 800-2077 **W** [ABHR.com](http://ABHR.com)  
**E** [spolk@abhr.com](mailto:spolk@abhr.com)  
**A** 3200 Southwest Freeway, Suite 2600 | Houston, TX 77027



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**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Tuesday, August 5, 2025 3:13 PM  
**To:** Katie Sherborne <ksherborne@abhr.com>  
**Cc:** Shammara Polk <spolk@abhr.com>



**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Harris County MUD 531 WWTP 1 & 2

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Harris County Mud 531 WWTPs 1 & 2 fall within that radius (Permit No. WQ0015218001) (Permit No. WQ0016334001).

I am required to ask if your facilities can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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# 13. HARRIS COUNTY MUNICIPAL UTILITY DISTRICT NO 547 WWTP

## Calvin Pugel

---

**From:** Calvin Pugel  
**Sent:** Monday, August 4, 2025 3:54 PM  
**To:** 'info@mdswater.com'  
**Subject:** Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Request for Harris County MUD 547 WWTP

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Harris County MUD 547 CypressGreen WWTP falls within that radius (Permit No. WQ0015644001).

I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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# GFT

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**Calvin Pugel**

---

**From:** Doherty, Nathan <nathand@boysandgirlscountry.org>  
**Sent:** Friday, August 1, 2025 10:21 AM  
**To:** Calvin Pugel  
**Subject:** Re: Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Search

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Calvin,

Unfortunately, we do not have any capacity to help right now.

Thanks,

**Nathan B. Doherty**  
Boys and Girls Country  
18806 Roberts Road  
Hockley, TX 77447  
[www.boysandgirlscountry.org](http://www.boysandgirlscountry.org)



**Mission**

To change the lives of children from families in crisis by loving and nurturing them in a Christian home environment, raising them to become self-sustaining and contributing adults.

---

**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Tuesday, July 29, 2025 4:15 PM  
**To:** info <info@boysandgirlscountry.org>  
**Subject:** [External] Grand Bauer Logistics Center Wastewater Treatment Plant Discharge Permit: Nearby Facilities Search

Good Afternoon,

I am Calvin Pugel and I work with GFT. We are the civil engineers designing the facilities for a proposed commercial wastewater treatment plant near the intersection of Bauer Rd and Cumberland Ridge Dr, which will service an ultimate design flow of 150,000 gallons per day.

Part of the Wastewater Discharge Permit (TPDES) Application is reaching out to all facilities with current TCEQ discharge permits within a 3-mile radius of our proposed facility. The Boys and Girls Country WWTP falls within that radius.



I am required to ask if your facility can provide service to our development. Please let me know your response, and feel free to contact me with any questions.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

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## **Attachment N**

### **Design Calculations Section 4, Page 22 of 66**

(Technical Report 1.1)

**GRAND BAUER LOGISTICS WWTP  
 DESIGN & LOADING CRITERIA**



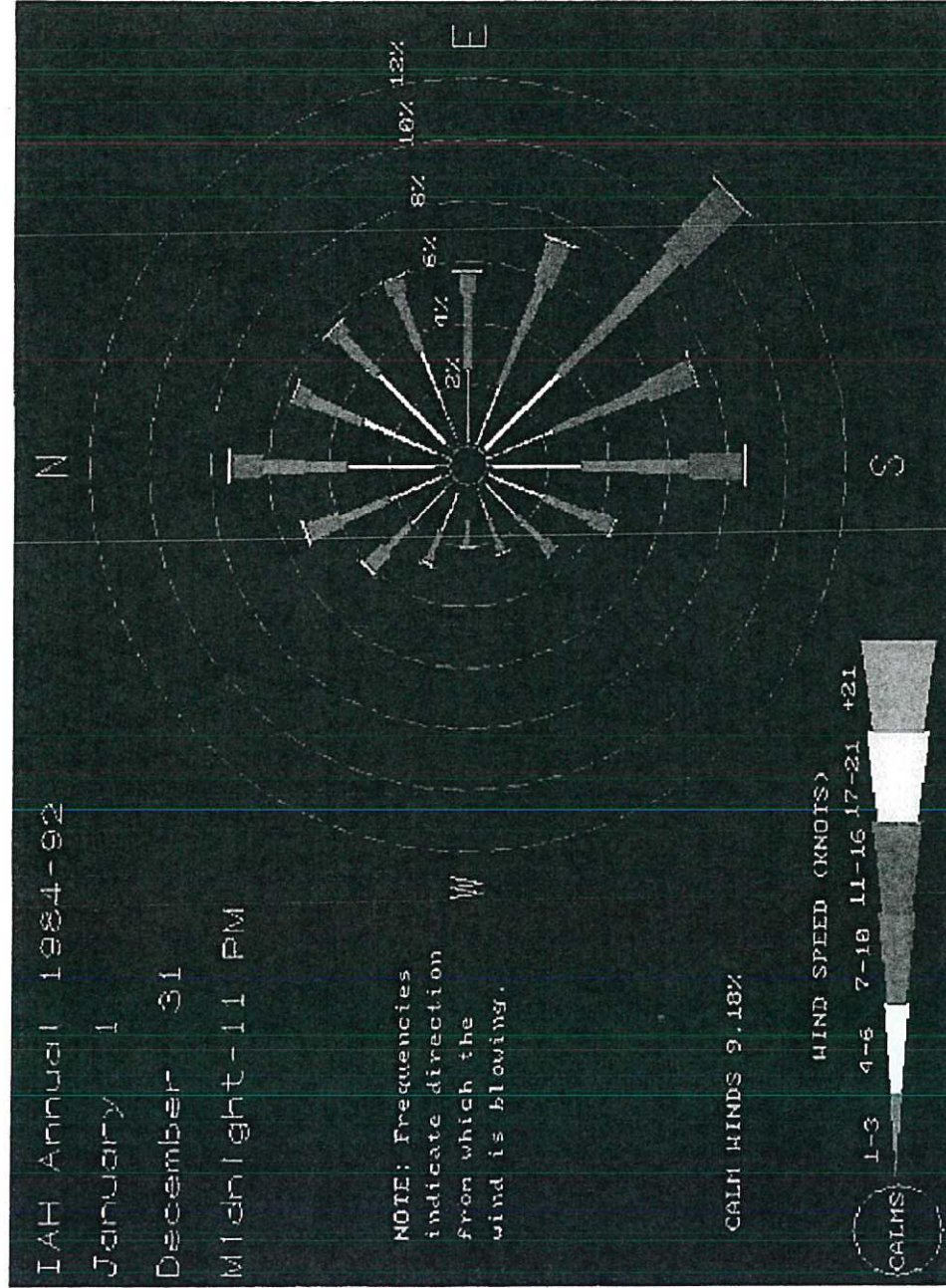
	Phase I	Phase II Expansion	Phase III Expansion	Composite Phase I thru III
<b>INFLUENT CONDITIONS</b>				
Average Daily Flow, mgd	0.050	0.050	0.050	0.150
Ratio Average/Peak Flow	4.00	4.00	4.00	4.00
Peak 2-Hour Flow, mgd	0.20	0.20	0.20	0.60
Peak 2-Hour Flow, gpm	139	139	139	417
BOD, mg/l	300	300	300	300
BOD, lb/day	125	125	125	375
<b>TREATMENT UNITS</b>				
Tank Wall Height, ft	12	12	12	12
Tank Freeboard, ft	1.5	1.5	1.5	1.5
Side Water Depth, ft	10.5	10.5	10.5	10.5
<b>ANOXIC / SELECTOR ZONE</b>				
Anoxic Basin Depth, ft	10.5	10.5	10.5	10.5
Anoxic Basin Surface Area, sq ft	70.0	70.0	70.0	210.0
Anoxic Basin Volume, cu ft	735	735	735	2,205
Detention, hours	2.64	2.64	2.64	2.64
Air Supply, scfm/1000 cu ft	20.0	20.0	20.0	60.0
Air Supply, scfm	14.7	14.7	14.7	44.1
<b>AERATION BASIN</b>				
Aeration Basin Surface Area, sq ft	490	490	490	1,470.0
Aeration Basin Depth, ft	10.40	10.40	10.40	10.40
Aeration Basin Volume, cu ft	5,096	5,096	5,096	15,288
Aeration Basin Loading, # BOD/1000 cf	24.5	24.5	24.5	24.5
Total Aerated Volume (Anoxic + Aerobic), cu ft	5,831	5,831	5,831	17,493
Total Aeration Basin Loading, # BOD/1000 cf	21.5	21.5	21.5	21.5
Detention, hours	20.94	20.94	20.94	20.94
O2 Req'd @ 2.2, # O2/lb BOD	275	275	275	826
Correction Factor for Coarse or Fine Bubble	0.45	0.45	0.45	0.45
Air Diffuser Submergence, ft	9.65	9.65	9.65	9.65
Air Diffuser Efficiency, %/ ft sub	0.017	0.017	0.017	0.017
Air Diffuser eff., %	16.4%	16.4%	16.4%	16.4%
Required Aeration Basin Air Flow Rate, scfm	135	135	135	406
Mixed Liquor Temperature, deg C	30	30	30	30
Air Supply Temperature Correction Factor	1.27	1.27	1.27	1.27
Corrected Air Supply Rate, scfm	172	172	172	515
No. of Diffusers	100	100	100	300
Air Flow Rate/Diffuser/ scfm	1.7	1.7	1.7	1.7
Active membrane surface area/diffuser, sq ft	2.54	2.54	2.54	2.54
Diffuser air flow, scfm/SF of membrane	0.34	0.34	0.34	0.34
Air Supply, scfm/1000 cf	33.7	33.7	33.7	33.7
R.S. Airlift Air, scfm	10.6	10.6	10.6	31.8
Skimmer Airlift Air, scfm	5.0	5.0	5.0	15.0
<b>SECONDARY CLARIFIER</b>				
Selected Internal Diameter, ft	18	18	18	3@18
Wall Height, ft	12	12	12	12
Side Water Depth, ft	10.17	10.17	10.17	10.17
Total Area sq ft	254	254	254	763
Total Volume, cu ft	2,588	2,588	2,588	7,764
Avg. SOR, gpd/sq ft	196	196	196	196
Peak SOR, gpd/sq ft	786	786	786	786
Avg. Detention, hr	9.29	9.29	9.29	9.29
Peak Detention, hr	2.32	2.32	2.32	2.32
Max Qr @ 400 mgd/sf, mgd	0.102	0.102	0.102	0.305
Max Qp + Qr, mgd	0.302	0.302	0.302	0.905



**GRAND BAUER LOGISTICS WWTP  
 DESIGN & LOADING CRITERIA**



	Phase I	Phase II Expansion	Phase III Expansion	Composite Phase I thru III
<b>CHLORINATION</b>				
Surface Area, ft	65	65	65	195
Side Water Depth, ft	8.42	8.42	8.42	8.42
Volume, cu ft	547	547	547	1,642
Detention @ Qp, minutes	29.5	29.5	29.5	29.5
Air Supply @ 10 scfm/1000 cf	5.5	5.5	5.5	16.4
<b>AERATED SLUDGE HOLDING/AEROBIC DIGESTION</b>				
Basin Surface Area, sq ft	276	276	276	828
Basin Depth, ft	10.5	10.5	10.5	10.5
Basin Volume, cu ft	2,898	2,898	2,898	8,694
Loading, cu ft/# BOD	23.2	23.2	23.2	23.2
Air Supply Rate, scfm/1000 cu ft	20.00	20.00	20.00	20.00
Total Air Supply, cfm	58.0	58.0	58.0	173.9
No. diffusers	48	48	48	144
Airflow/diffuser membrane, scfm	1.21	1.21	1.21	1.21
<b>AIR BLOWERS</b>				
Anoxic Basin, scfm	14.7	14.7	14.7	44.1
Oxic Basins, scfm	171.6	171.6	171.6	514.9
Sludge Holding/Aerobic Digesters	58.0	58.0	58.0	173.9
RAS Airlift, scfm	10.6	10.6	10.6	31.8
Scum Airlift, scfm	5.0	5.0	5.0	15.0
Chlorine Contact Basin, scfm	5.5	5.5	5.5	16.4
<b>Total Air Supply Capacity</b>	<b>265.4</b>	<b>265.4</b>	<b>265.4</b>	<b>796.1</b>
Required Blower Capacity	265	531	796	796
No. of Blowers	2	3	4	4
Capacity, scfm	400	400	400	400
Total Air Supply Capacity, scfm	800	1,200	1,600	1,600
Firm Air Supply Capacity, scfm	400	800	1,200	1,200
Blower Op Pressure, psi	5.5	5.5	5.5	5.5





BAUER RD.

PROP. WATER PLANT

500' BUFFER ZONE

PROP. 0.050 MGD  
WASTEWATER TREATMENT PLANT  
ENCLOSED IN BUILDING

PHASE II WWTP EXPANSION  
TO 0.100 MGD  
ENCLOSED IN BUILDING

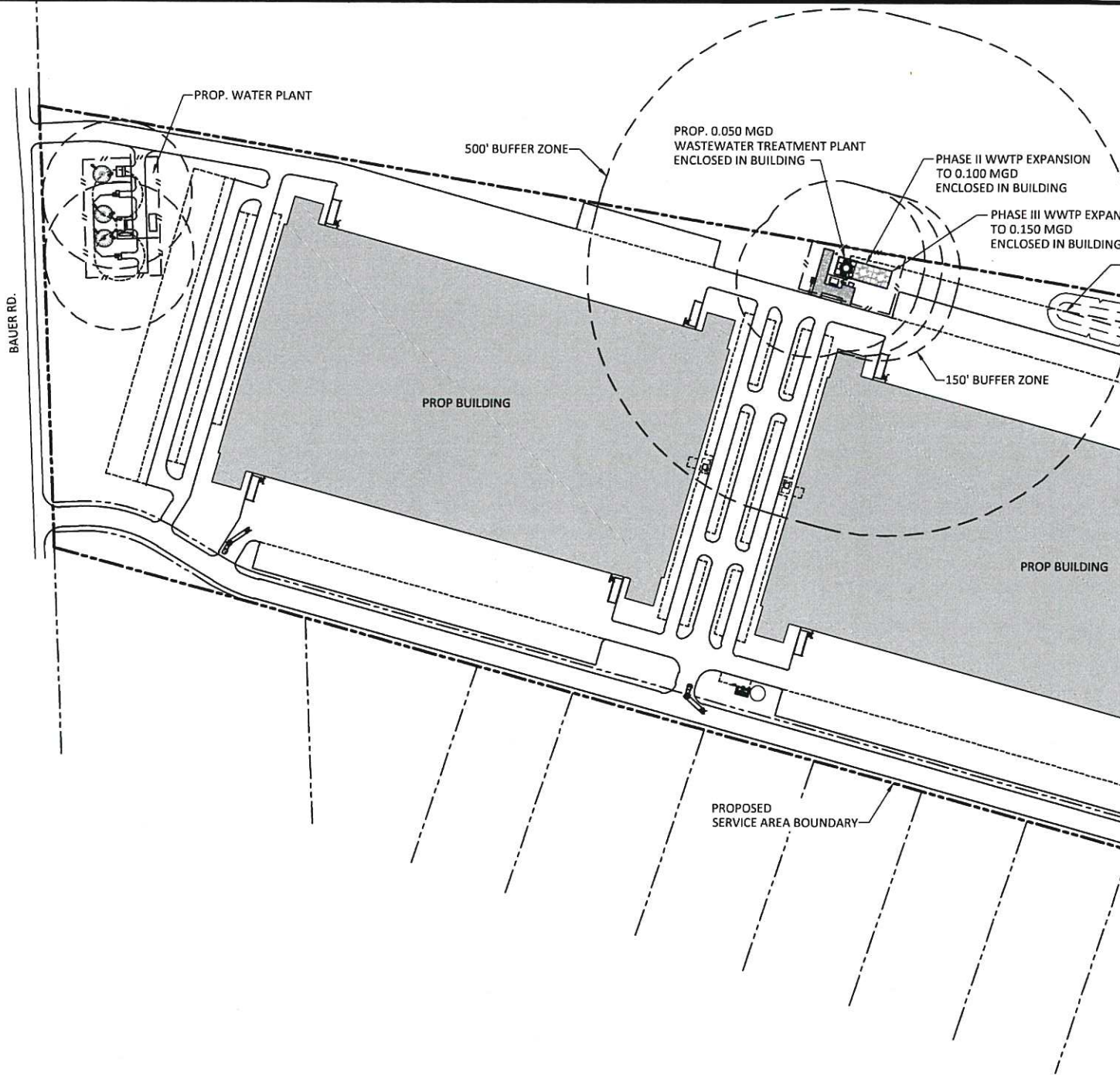
PHASE III WWTP EXPAN  
TO 0.150 MGD  
ENCLOSED IN BUILDING

150' BUFFER ZONE

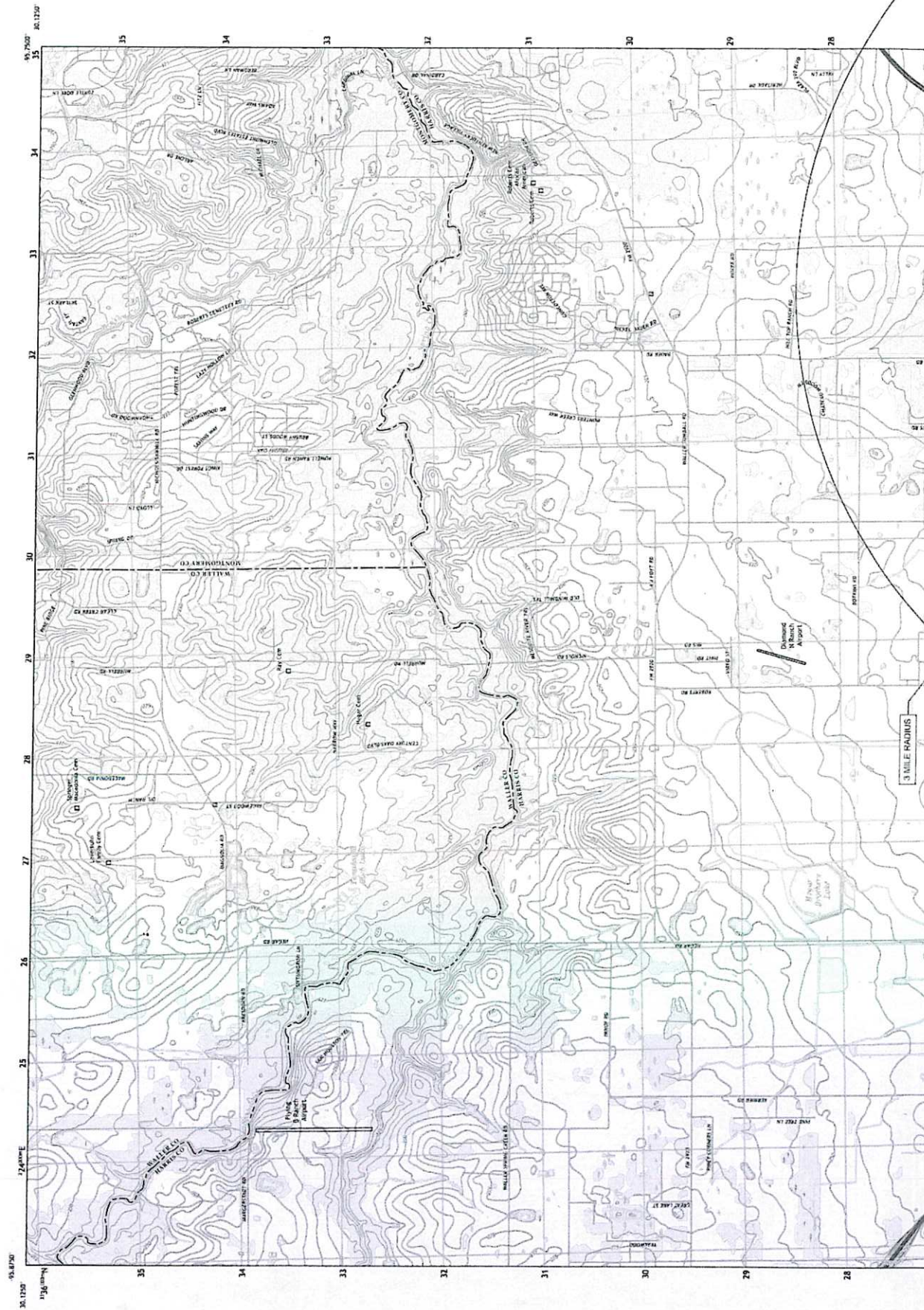
PROP BUILDING

PROP BUILDING

PROPOSED  
SERVICE AREA BOUNDARY











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



ROSE HILL QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



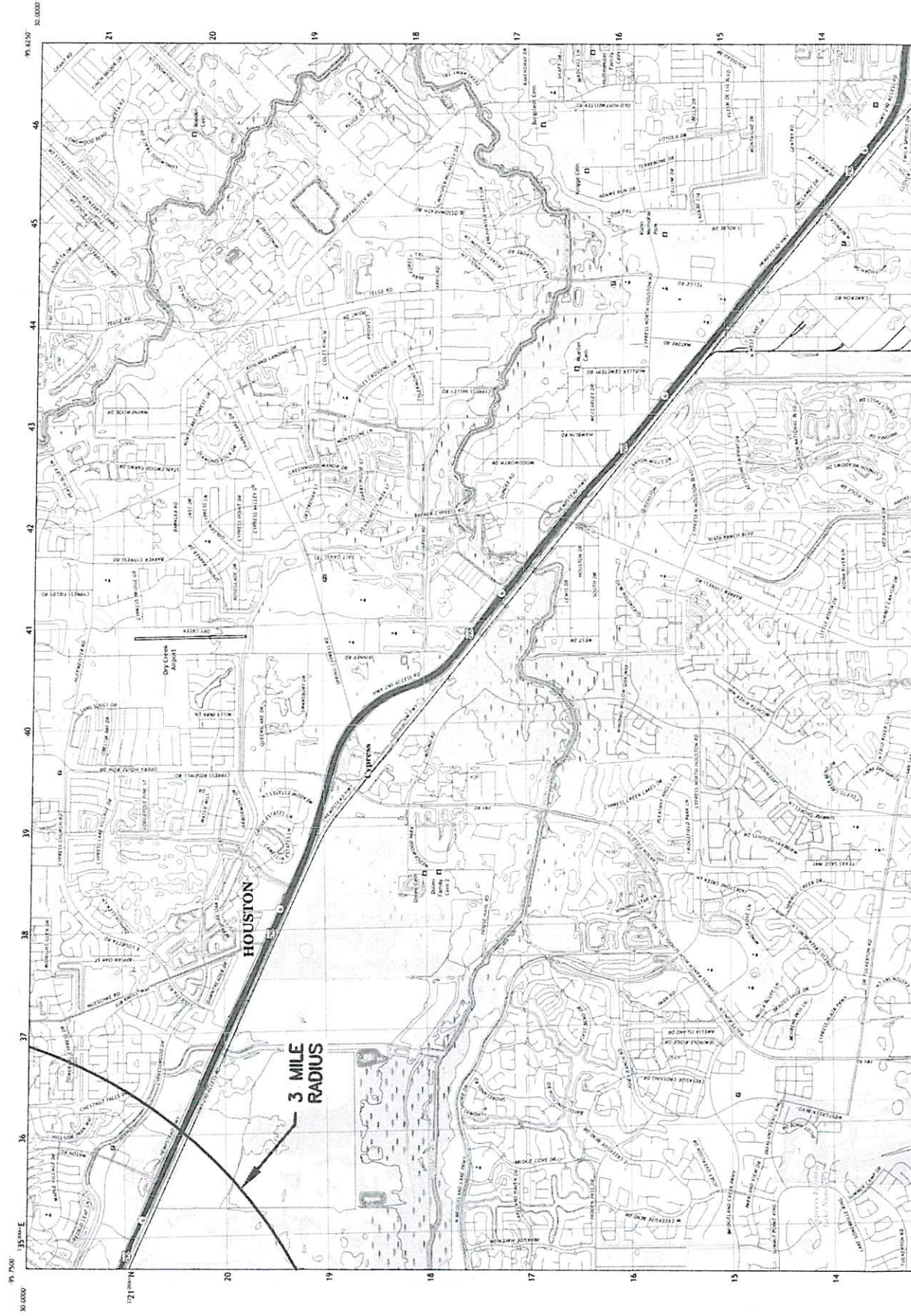




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U.S. GEOLOGICAL SURVEY



CYPRESS QUADRANGLE  
TEXAS - HARRIS COUNTY  
7.5-MINUTE SERIES



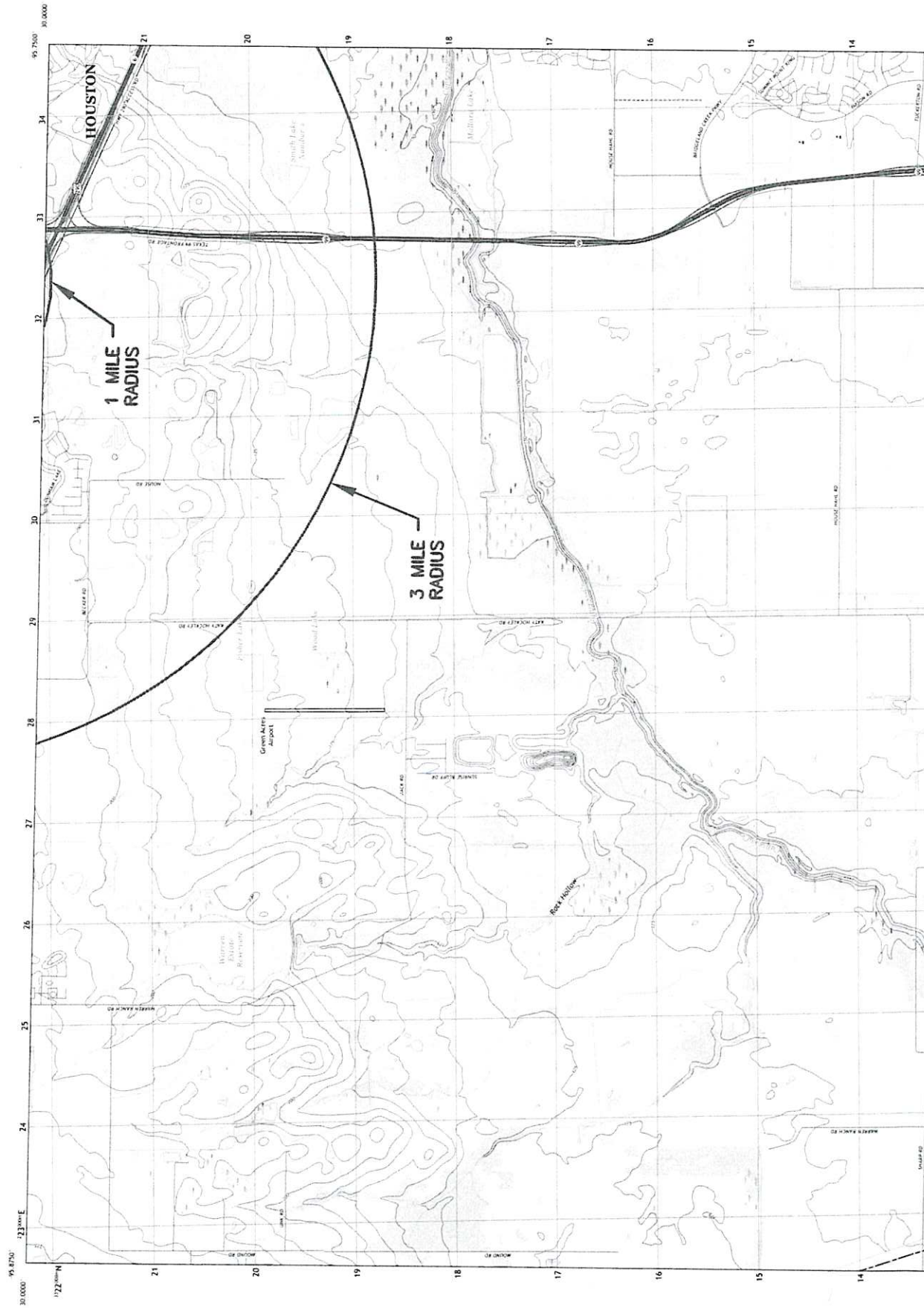




U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



WARREN LAKE QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



## Candice Calhoun

---

**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Wednesday, September 17, 2025 3:45 PM  
**To:** Candice Calhoun  
**Cc:** Jason Schultz; James McConathy  
**Subject:** RE: Application for Proposed Permit No. WQ0016868001 (Stream Realty Partners-Houston, L.P.) - Notice of Deficiency

Hi Candice,

The coordinates for the facility are as follows:

30° 0'52.89"N  
95°46'36.85"W

(30.014692, 95.776903)

Please let me know if there is anything else you need!

Thanks.

***We are moving! Effective 10/06/25 our new address will be: 3200 Southwest Freeway Suite 1600, Houston, TX 77019***

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama St  
Houston, TX 77098

**E:** [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

**C:** 206-999-3549 | **D:** 713-527-6346

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**From:** Candice Calhoun <Candice.Calhoun@tceq.texas.gov>  
**Sent:** Wednesday, September 17, 2025 10:58 AM  
**To:** Calvin Pugel <cpugel@gftinc.com>  
**Cc:** Jason Schultz <jschultz@gftinc.com>; James McConathy <jmcconathy@gftinc.com>  
**Subject:** RE: Application for Proposed Permit No. WQ0016868001 (Stream Realty Partners-Houston, L.P.) - Notice of Deficiency

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning,

I am following up on my email below that was sent on September 12, 2025.

If you have any questions, please let me know.

Regards,



**Candice Courville**

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

How is our customer service? Fill out our online customer satisfaction survey at  
[www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

---

**From:** Candice Calhoun  
**Sent:** Friday, September 12, 2025 2:33 PM  
**To:** Calvin Pugel <[cpugel@gftinc.com](mailto:cpugel@gftinc.com)>  
**Cc:** Schultz, Jason W. <[jschultz@gftinc.com](mailto:jschultz@gftinc.com)>; McConathy, James P. <[jmcconathy@gftinc.com](mailto:jmcconathy@gftinc.com)>  
**Subject:** RE: Application for Proposed Permit No. WQ0016868001 (Stream Realty Partners-Houston, L.P.) - Notice of Deficiency  
**Importance:** High

Good afternoon, Calvin,

I am currently working on admin completing this application and I realized that the coordinates provided in the Core Data Form are for the point of discharge, not for the facility. Which is why there was confusion on my end regarding the 1900 vs 2400 distance from the intersection. Could you please provide me with the coordinates for the facility? Once I confirm



## Candice Calhoun

---

**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Friday, September 5, 2025 4:18 PM  
**To:** Candice Calhoun  
**Cc:** Schultz, Jason W.; McConathy, James P.  
**Subject:** RE: Application for Proposed Permit No. WQ0016868001 (Stream Realty Partners-Houston, L.P.) - Notice of Deficiency  
**Attachments:** Item 2 Distance Measurement Confirmation.pdf; D USGS Maps.pdf; Adjacent Prop Owners Addresses Avery5160.doc; H Supplemental Permit Information 20971.pdf; Municipal Discharge New Spanish NORI Translated.docx; A Core Data Form 10400\_Grand Bauer.pdf; C Public Improvement Plan pip-form-tceq-20960\_Grand Bauer.pdf; B Plain Language Summary 20972\_PLS\_Grand Bauer.pdf; 01 Admin Report.pdf; Affected Landowner Map.pdf

Good Afternoon Candice,

All items from the NOD letter provided and have been addressed with the accompanying attachments.

Items:

1. Core Data Form: Two Core Data Forms were provided; however, a co-applicant was not provided in section 3 of the administrative report. Please confirm if there is a co-applicant. Also, provide an updated section 3 of the administrative report, if applicable.

I confirm that there is no co-applicant, therefore section 3 of the Administrative Report has not been updated.

2. Core Data Form, Section III, item 25: The description to the facility states the facility is approximately 1,900 feet from the intersection. However, it seems that the facility is approximately 2,400 feet from the intersection. Please confirm the accurate approximate distance. Also, provide an updated Core Data Form, Section 10.A of the administrative report, PLS, and SPIF, if applicable.

I remeasured the distance from the intersection of Cumberland Ridge Drive and Bauer Road and found the distance to be approximately 1,900 feet. I have attached an exhibit showing that measurement.

3. Core Data Form, Section V: The Core Data Form was not dated. Please provide an updated Core Data Form to include the date of signature.

The signature page has been updated to include the date of signature. The updated Core Data Form is attached to this email.

4. Section 9, items C and D of the administrative report: The Owner of the Facility and the Owner of the land where treatment facility will be located differs from the applicant's name in section 3.A. Please confirm the correct owner of the facility and owner of land.

Also, provide an updated section, if applicable.

After reviewing sections 9 C&D and section 3A both the legal name of the entity and the owner of the treatment facility are listed as Stream Realty Partners, and the organization name under section 9D is also Stream Realty Partners. To match previous comments received on the Core Data Form Section 2.6, the owner of the facility throughout the application has been updated to Stream Realty Partners-Houston, LP. An updated Admin Report is attached to this email.

5. Public Involvement Plan (PIP): Section 2 was not completed. If the top 3 boxes are not all checked, then the 4th box must be checked, and a brief explanation must be provided. Please provide an updated PIP to include a complete section 2.

Section 2 has been completed to check all 3 boxes. The updated PIP is attached to this email.

6. USGS Topographic Map: An electronic version of the USGS map is needed. Please provide the electronic map.

Attached to this email are the PDFs for the USGS map exhibits from the submittal package.

7. Plain Language Summary (PLS): The applicant name listed in the English and Spanish PLS does not match the applicant name in the administrative report. Please provide a revised PLS, in English and Spanish language, to include the correct applicant name.

The applicant's name for the English and Spanish PLS has been revised to match the revised entity/owner name in the Administrative Report. The updated PLS is attached to this email.

8. Administrative Report 1.1, item 1.D – Affected Landowner Information: The source of landowners' name and addresses was not provided. Please provide a revised section to include this information.

The source of the information was provided (HCAD). The updated Administrative Report is attached to this email.

9. Affected Landowner Map: The property boundaries for landowners' labeled as 1, 2, 20, 21, 22, 23, 24, 25, and 26 are not clear. Please provide a revised landowners map to show clearly delineated property boundaries.

Affected Landowner Map has been updated to show the property boundaries of the listed properties. It is attached to this email.

10. Affected Landowner Mailing Labels: Please provide the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

The landowner list has been reformatted for Avery 5160 mailing labels and attached to this email.

11. Supplemental Permit Information Form (SPIF): The SPIF was not provided. Please provide a complete SPIF.

SPIF has been updated per previous comments and is still attached as Attachment H of the submittal. It is also attached to this email.

12. 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.

I have reviewed the portion of the NORI given. I found that the “2,400” should be changed to “1,900” and that the “(PENDING TCEQ RWA REVIEW)” can be changed, when approved, to “24-inch pipe (exact size to be determined with facility design) into a proposed detention pond that outfalls to Little Cypress Creek, thence to Cypress Creek.”

13. 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.

The first and last paragraph have been translated into Spanish, and the translated NORI is attached to this email.

Please let me know if there is any further information needed, and I will be happy to provide it to you.

Thank you,

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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**From:** Candice Calhoun <[Candice.Calhoun@tceq.texas.gov](mailto:Candice.Calhoun@tceq.texas.gov)>

**Sent:** Thursday, August 28, 2025 10:11 AM



**To:** Calvin Pugel <cpugel@gfnet.com>

**Cc:** Schultz, Jason W. <jschultz@gfnet.com>

**Subject:** Application for Proposed Permit No. WQ0016868001 (Stream Realty Partners-Houston, L.P.) - Notice of Deficiency

**Importance:** High

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good morning, Mr. Pugel,

The attached Notice of Deficiency (NOD) letter dated August 28, 2025, requests additional information needed to declare the application administratively complete. Please send complete response no later than September 11, 2025.

Please let me know if you have any questions.

Regards,



**Candice Courville**

License & Permit Specialist

ARP Team | Water Quality Division

Texas Commission on Environmental  
Quality

512-239-4312

[candice.calhoun@tceq.texas.gov](mailto:candice.calhoun@tceq.texas.gov)

How is our customer service? Fill out our online customer satisfaction survey at  
[www.tceq.texas.gov/customersurvey](http://www.tceq.texas.gov/customersurvey)

## Candice Calhoun

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**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Tuesday, September 9, 2025 2:45 PM  
**To:** Candice Calhoun  
**Cc:** Schultz, Jason W.; McConathy, James P.  
**Subject:** RE: Application for Proposed Permit No. WQ0016868001 (Stream Realty Partners-Houston, L.P.) - Notice of Deficiency  
**Attachments:** A Core Data Form 10400\_Grand Bauer.pdf; B Plain Language Summary 20972\_PLS\_Grand Bauer.pdf; H Supplemental Permit Information 20971.pdf; Admin Report Section 14 Signature Page.pdf

Hi Candice,

Thank you for providing that snippet. I didn't realize we were measuring to the facility's discharge location. I will update everything accordingly.

Here are my new responses to the outstanding items:

2. Please see my snip-it showing the distance to be closer to 2,400 feet.

Descriptions have been updated to 2,400 feet. Core Data Form, PLS, and SPIF are updated and attached.

4. Thank you for the updated admin report. However, in section 14, signature page, the applicant's name still shows as "Stream Realty Partners". Please provide an updated signature page to match the correct applicant. Please also mail in an updated signature page.

The Admin Report signature page applicant name has been updated. Updated signature page is attached and will be mailed out ASAP.

7. Thank you for updating the applicant name in the PLS'. The facility location description will also need to be updated.

The PLS facility description has been updated accordingly and attached.

11. Thank you for providing the SPIF. The facility location description will need to be updated.

SPIF description updated and attached.

12. I have not deemed "1900 feet" to be accurate, unfortunately I cannot update this at this moment. Also, the RWA team has not completed their review, once it has, the discharge route will be input as provided by RWA.

Once both the "2,400" and "24-inch pipe (exact size to be determined with facility design) into a proposed detention pond that outfalls to Little Cypress Creek,

thence to Cypress Creek.” are approved those are my only comments on the NORI.

If there is anything else you need, please let me know.

Thank you!

**Calvin C. Pugel, P.E.**

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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**From:** Candice Calhoun <[Candice.Calhoun@tceq.texas.gov](mailto:Candice.Calhoun@tceq.texas.gov)>

**Sent:** Tuesday, September 9, 2025 7:58 AM

**To:** Calvin Pugel <[cpugel@gfnet.com](mailto:cpugel@gfnet.com)>

**Cc:** Schultz, Jason W. <[jschultz@gfnet.com](mailto:jschultz@gfnet.com)>; McConathy, James P. <[jmcconathy@gfnet.com](mailto:jmcconathy@gfnet.com)>

**Subject:** RE: Application for Proposed Permit No. WQ0016868001 (Stream Realty Partners-Houston, L.P.) - Notice of Deficiency

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Good morning, Calvin,

Please see my responses below.

1. This item is sufficient.





# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Stream Realty Partners-Houston, LP

PERMIT NUMBER (If new, leave blank): WQ0016868001

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

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

For TCEQ Use Only

Segment Number \_\_\_\_\_ County \_\_\_\_\_  
Expiration Date \_\_\_\_\_ Region \_\_\_\_\_  
Permit Number \_\_\_\_\_



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION  
ADMINISTRATIVE REPORT 1.0**

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

**Section 1. Application Fees (Instructions Page 26)**

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

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

Minor Amendment (for any flow) \$150.00 ☐

**Payment Information:**

Mailed      Check/Money Order Number: 373035  
Check/Money Order Amount: \$850.00  
Name Printed on Check: Texas Commission on Environmental Quality

EPAY      Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed?      Yes ☐

**Section 2. Type of Application (Instructions Page 26)**

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

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

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

- ☐ Active      ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. For existing permits:

Permit Number: WQ00 [Click to enter text.](#)

EPA I.D. (TPDES only): TX [Click to enter text.](#)

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

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

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

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

Stream Realty Partners-Houston, LP

*(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: 606422145

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: Wellborn, Tyler

Title: Senior Director

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

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

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

[Click to enter text.](#)

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



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

CN: Click to enter text.

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

Prefix: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

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

### C. Core Data Form

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

## Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Pugel, Calvin  
Title: Engineer Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 West Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-520-9570 E-mail Address: cpugel@gfnet.com  
Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: Mr. Last Name, First Name: Schultz, Jason  
Title: Project Manager Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 W Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-527-6487 E-mail Address: jschultz@gfnet.com  
Check one or both: ☒ Administrative Contact ☒ Technical Contact

## Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Pugel, Calvin  
Title: Engineer Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 West Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-520-9570 E-mail Address: cpugel@gfnet.com

B. Prefix: Mr. Last Name, First Name: Schultz, Jason  
Title: Project Manager Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 W Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-527-6487 E-mail Address: jschultz@gfnet.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: Wellborn, Tyler  
Title: Senior Director Credential: Click to enter text.  
Organization Name: Stream Realty Partners-Houston, LP  
Mailing Address: 3040 Post Oak Blvd, Suite 600 City, State, Zip Code: Houston, TX 77056  
Phone No.: 713-300-0320 E-mail Address: tyler.wellborn@streamrealty.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: Wellborn, Tyler  
Title: Senior Director Credential: Click to enter text.  
Organization Name: Stream Realty Partners-Houston, LP  
Mailing Address: 3040 Post Oak Blvd, Suite 600 City, State, Zip Code: Houston, TX 77056  
Phone No.: 713-300-0320 E-mail Address: tyler.wellborn@streamrealty.com

## Section 8. Public Notice Information (Instructions Page 27)

### A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Pugel, Calvin  
Title: Engineer Credential: P.E.  
Organization Name: GFT  
Mailing Address: 3100 West Alabama City, State, Zip Code: Houston, TX 77098  
Phone No.: 713-520-9570 E-mail Address: cpugel@gfnet.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

**C. Contact permit to be listed in the Notices**

Prefix: Mr.

Last Name, First Name: Schultz, Jason

Title: Engineer

Credential: P.E.

Organization Name: GFT

Mailing Address: 3100 W Alabama

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

Phone No.: 713-527-6487

E-mail Address: jschultz@gfnet.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: Lone Star College-CyFair Library (HCPL)

Location within the building: Click to enter text.

Physical Address of Building: 9191 Barker Cypress Road

City: Cypress

County: Harris

Contact (Last Name, First Name): Mick Stafford

Phone No.: 281-290-3210 Ext.: Click to enter text.

**E. Bilingual Notice Requirements**

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

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

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

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

☒ Yes

☐ No

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

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

☒ Yes

☐ No



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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

#### F. Summary of Application in Plain Language Template

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

Attachment: B

#### G. Public Involvement Plan Form

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

Attachment: C

## 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 112272943

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):

Grand Bauer Logistics Center

C. Owner of treatment facility: Stream Realty Partners-Houston, LP

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

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

Prefix: Mr.

Last Name, First Name: Wellborn, Tyler

Title: Senior Director

Credential: Click to enter text.

Organization Name: Stream Realty Partners-Houston, LP

Mailing Address: 3040 Post Oak Blvd, Suite 600

City, State, Zip Code: Houston, TX 77056

Phone No.: 713-300-0320

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

E. Owner of effluent disposal site:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

Treatment facility is located approximately 1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Drive.

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:

From the treatment facility through a 24-inch pipe (exact size to be determined with facility design) into a proposed detention pond that outfalls to Little Cypress Creek, thence to Cypress Creek.

City nearest the outfall(s): Cypress

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

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

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

## Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes      ☐ No

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

N/A

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

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

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

[Click to enter text.](#)

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

## Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes      ☒ No

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

☐ Yes      ☒ No      ☐ Not Applicable

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

Sludge is to be hauled offsite by a licensed hauler



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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

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

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

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

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

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

## Section 13. Attachments (Instructions Page 33)

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

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☒ Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)
- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify: [Click to enter text.](#)

## Section 14. Signature Page (Instructions Page 34)

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

Permit Number: Click to enter text.

Applicant: Stream Realty Partners

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): Tyler Wellborn

Signatory title: Senior Director

Signature:  Date: 8/15/25  
(Use blue ink)

Subscribed and Sworn to before me by the said Tyler Wellborn  
on this August day of 15<sup>th</sup>, 2025.  
My commission expires on the April day of 27<sup>th</sup>, 2027.

  
Notary Public



[SEAL]

Harris  
County, Texas

# DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

## Section 1. Affected Landowner Information (Instructions Page 36)

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



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

Click to enter text.

## Section 2. Original Photographs (Instructions Page 38)

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

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

## Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes      ☐ No

# **DOMESTIC WASTEWATER PERMIT APPLICATION**

## **SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)**

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

**Attachment:** H

# ATTACHMENT 1

## INDIVIDUAL INFORMATION

### Section 1. Individual Information (Instructions Page 41)

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

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

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

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

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

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

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

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

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

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

#### **For Commission Use Only:**

Customer Number:

Regulated Entity Number:

Permit Number:



# DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

## **Things to Know:**

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

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

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

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

Summary of Application (in Plain Language) ☒ Yes

## Section 14. Signature Page (Instructions Page 34)

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

Permit Number: Click to enter text.

Applicant: Stream Realty Partners-Houston, LP

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): Tyler Wellborn

Signatory title: Senior Director

Signature:  Date: 8/15/25  
(Use blue ink)

Subscribed and Sworn to before me by the said Tyler Wellborn  
on this August day of 15<sup>th</sup>, 2025.  
My commission expires on the April day of 27<sup>th</sup>, 2027.

  
Notary Public



[SEAL]

Harris  
County, Texas



# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input type="checkbox"/> Other	
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 606422145		RN 112272943

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)			
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<b>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).</b>					
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Stream Realty Partners-Houston, LP					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b> (9 digits)	
		32035198822			
<b>10. DUNS Number</b> (if applicable)					
<b>11. Type of Customer:</b>		<input checked="" type="checkbox"/> Corporation		<input type="checkbox"/> Individual	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
<b>12. Number of Employees</b>				<b>13. Independently Owned and Operated?</b>	
<input type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input checked="" type="checkbox"/> 501 and higher				<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>		3040 Post Oak Blvd			
		Suite 600			
<b>City</b>		<b>State</b>		<b>ZIP</b>	<b>ZIP + 4</b>
Houston		TX		77056	
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
				tyler.wellborn@streamrealty.com	



<b>18. Telephone Number</b>	<b>19. Extension or Code</b>	<b>20. Fax Number (if applicable)</b>
( 713 ) 320-0320		(   )   -

## SECTION III: Regulated Entity Information

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

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

<b>25. Description to Physical Location:</b>	1900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Drive.							
<b>26. Nearest City</b>					<b>State</b>	<b>Nearest ZIP Code</b>		
Cypress					TX	77433		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
<b>27. Latitude (N) In Decimal:</b>		30.014692			<b>28. Longitude (W) In Decimal:</b>		-95.776903	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)			
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)								
Commercial Logistics Center								
<b>34. Mailing Address:</b>	3040 Post Oak Blvd							
	Suite 600							
	City	Houston	State	TX	ZIP	77056	ZIP + 4	
<b>35. E-Mail Address:</b>		tyler.wellborn@streamrealty.com						
<b>36. Telephone Number</b>			<b>37. Extension or Code</b>			<b>38. Fax Number (if applicable)</b>		
( 713 ) 300-0320						(   )   -		

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

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

## **SECTION IV: Preparer Information**

<b>40. Name:</b>	Calvin C. Pugel	<b>41. Title:</b>	Project Engineer
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>
( 713 ) 520-9570		( ) -	cpugel@gfnet.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.

<b>Company:</b>	Stream Realty Partners	<b>Job Title:</b>	Senior Director
<b>Name (In Print):</b>	Tyler Wellborn	<b>Phone:</b>	( 713 ) 300- 0320
<b>Signature:</b>		<b>Date:</b>	



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Stream Realty Partners-Houston, LP (CN606422145) proposes to operate Grand Bauer Logistics Center WWTP (RN112272943), an activated sludge process plant operated in conventional mode. The facility will be located at 1,900 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Dr, in Cypress, Harris County, Texas 77433. This application is for a new permit to discharge at an annual average flow of 150,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), and Escherichia coli. The domestic wastewater will be treated by screening, aeration digestion, secondary clarification, and chlorination.



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

### AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Stream Realty Partners-Houston, LP (CN606422145) propone operar Grand Bauer Logistics Center WWTP (RN112272943), una planta de proceso de lodos activados operada en modo convencional. La instalación estará ubicada en 1.900 pies al sureste de la intersección de Bauer Rd y Cumberland Ridge Dr, en Cypress, Condado de Harris, Texas 77433. Esta solicitud es para nuevo permiso para descargar a un flujo promedio anual de 150.000 galones por día de aguas residuales domésticas tratadas.

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. estará tratado por cribado, digestión por aireación, clarificación secundaria y cloración.

## INSTRUCTIONS

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

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

### **Example 1: Industrial Wastewater TPDES Application (ENGLISH)**

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

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

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

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

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

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



## **Example 2: Domestic Wastewater TPDES Renewal application**

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

## **Example 3: Domestic Wastewater TPDES New Application**

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD<sub>5</sub>), total suspended solids (TSS), ammonia nitrogen (NH<sub>3</sub>-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

## **Example 4: Domestic Wastewater TLAP Renewal application**

*The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change*

*during the technical review of the application and are not federal enforceable representations of the permit application.*

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

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

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD<sub>5</sub>), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

### FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

#### TCEQ USE ONLY:

Application type: \_\_\_\_Renewal \_\_\_\_Major Amendment \_\_\_\_Minor Amendment \_\_\_\_New

County: \_\_\_\_\_ Segment Number: \_\_\_\_\_

Admin Complete Date: \_\_\_\_\_

Agency Receiving SPIF:

\_\_\_\_ Texas Historical Commission

\_\_\_\_ U.S. Fish and Wildlife

\_\_\_\_ Texas Parks and Wildlife Department

\_\_\_\_ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: Stream Realty Partners-Houston, LP

Permit No. WQ00 16868001

EPA ID No. TX 0148369

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

Treatment facility is located approximately 1,900 feet southeast of the intersection of Bauer Road and Cumberland Ridge Drive



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: Jason Schultz

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

Title: Project Manager

Mailing Address: 3100 West Alabama St.

City, State, Zip Code: Houston, TX 77098

Phone No.: 713-527-6487 Ext.:

Fax No.:

E-mail Address: jschultz@gfnet.com

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

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

From the treatment facility through a 24-inch pipe (exact size to be determined with facility design) into a proposed detention pond, then to the SH-99 storm sewer system that outfalls to Little Cypress Creek, thence to Cypress Creek.

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):

Approximately 0.41 acres will be cleared and prepared for construction of the treatment facility

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

Farmland

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:

No structures or construction to date

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

Rural farmland



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.

### Section 3. Application Information

#### Type of Application (check all that apply):

Air      Initial      Federal      Amendment      Standard Permit      Title V  
Waste      Municipal Solid Waste      Industrial and Hazardous Waste      Scrap Tire  
                Radioactive Material Licensing      Underground Injection Control

#### Water Quality

Texas Pollutant Discharge Elimination System (TPDES)  
Texas Land Application Permit (TLAP)  
State Only Concentrated Animal Feeding Operation (CAFO)  
Water Treatment Plant Residuals Disposal Permit  
Class B Biosolids Land Application Permit  
Domestic Septage Land Application Registration

#### Water Rights New Permit

New Appropriation of Water  
New or existing reservoir

#### Amendment to an Existing Water Right

Add a New Appropriation of Water  
Add a New or Existing Reservoir  
Major Amendment that could affect other water rights or the environment

### Section 4. Plain Language Summary

Provide a brief description of planned activities.



## Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

**Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.**

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

- (a) Percent of people over 25 years of age who at least graduated from high school
- (b) Per capita income for population near the specified location
- (c) Percent of minority population and percent of population by race within the specified location
- (d) Percent of Linguistically Isolated Households by language within the specified location
- (e) Languages commonly spoken in area by percentage
- (f) Community and/or Stakeholder Groups
- (g) Historic public interest or involvement

## Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes      No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes      No

If Yes, please describe.

**If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.**

(c) Will you provide notice of this application in alternative languages?

Yes      No

**Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.**

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes      No

(e) If a public meeting is held, will a translator be provided if requested?

Yes      No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

## Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes      No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)



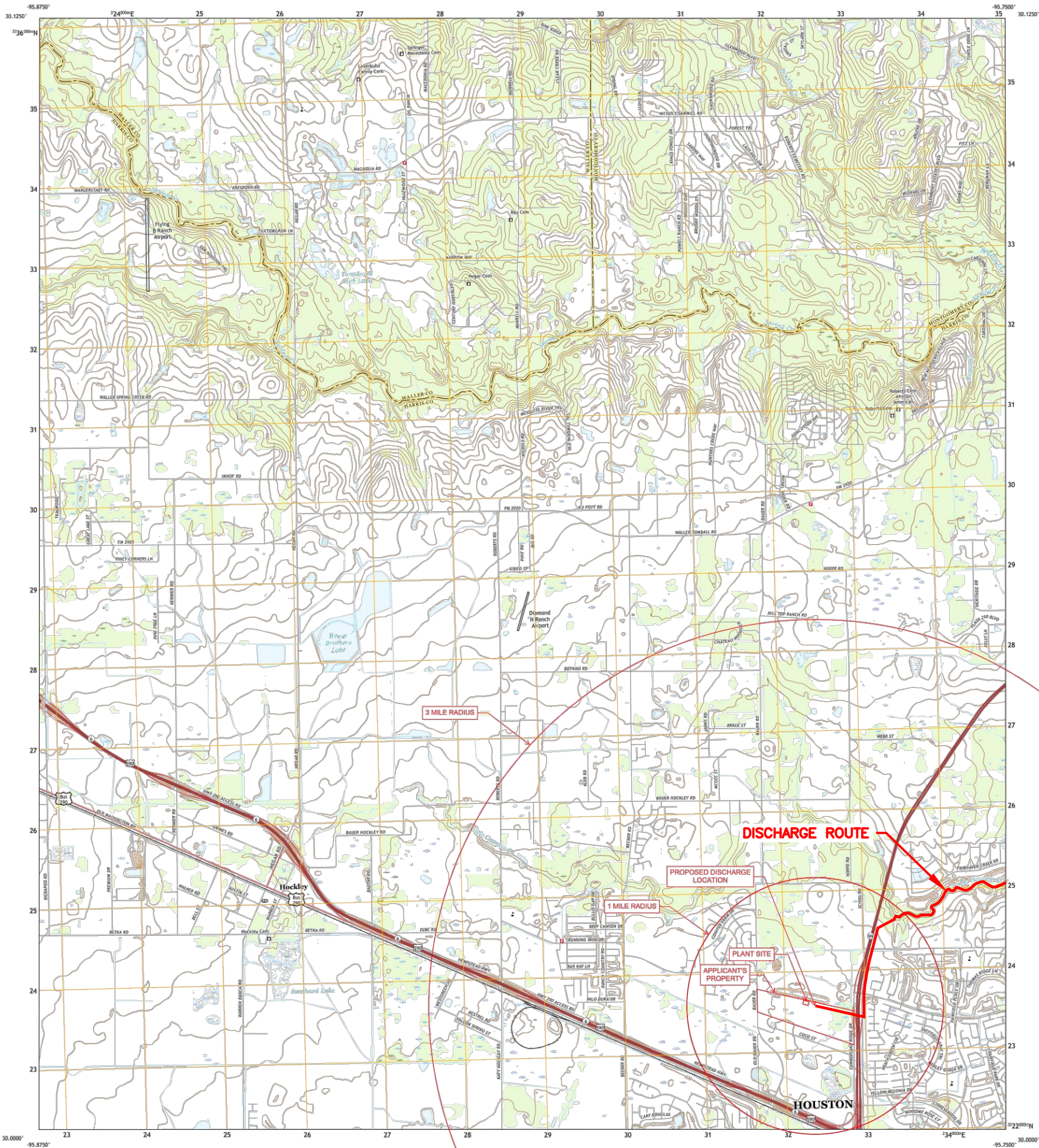
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U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

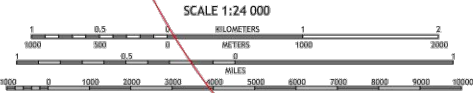
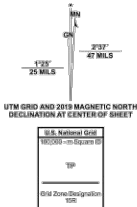


HOCKLEY QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



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North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84) Projection and  
1 000-meter grid/Universal Transverse Mercator, Zone 15R  
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generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Image	Source	Date
Topography	NATP	September 2016 - November 2016
Roads	U.S. Census Bureau	2010 - 2019
Hydrography	National Hydrography Dataset	2001 - 2010
Contours	National Elevation Dataset	2010
Boundaries	Multiple sources	see metadata file 2019 - 2021
Wetlands	FWS National Wetlands Inventory	Not Available



SCALE 1:24 000  
CONTOUR INTERVAL 5 FEET  
NORTH AMERICAN DATUM OF 1983  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3	1 Waller NW
4		5	2 Magnolia West
6	7	8	3 Magnolia East
			4 Waller
			5 Rose Hill
			6 Hockley Mount
			7 Warren Lake
			8 Cypress

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

HOCKLEY, TX  
2022



T.B.P.E.L.S. FIRM REGISTRATION #1800  
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

JESKE TRACT PRELIMINARY  
USGS EXHIBIT  
(SHEET 1 OF 4)

STREAM REALTY PARTNERS

SCALE: N.T.S.

July 28, 2025



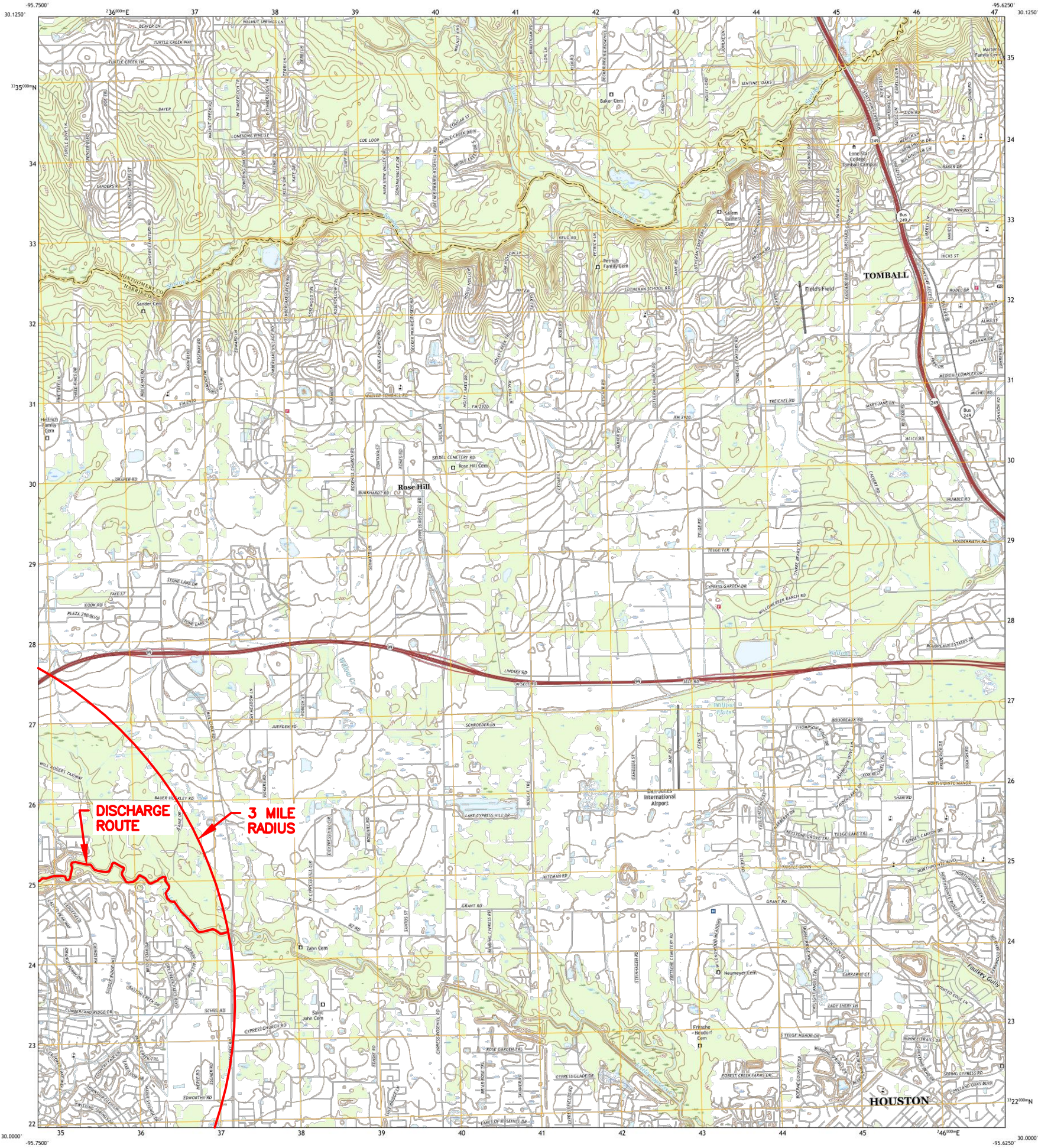
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U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



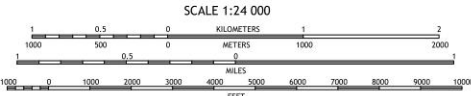
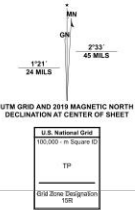
ROSE HILL QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



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1 000 meter grid: Universal Transverse Mercator, Zone 15R  
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entering private lands.

Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2010 - 2019  
Names.....GNS, 1979 - 2002  
Hydrography.....National Hydrography Dataset, 2003 - 2018  
Contours.....National Elevation Dataset, 2010  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 5 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



QUADRANGLE LOCATION

1	2	3
4	5	6
7	8	9

1 Magnolia West  
2 Magnolia East  
3 Oklahoma  
4 Hackberry  
5 Tomball  
6 Warren Lake  
7 Cypress  
8 Seltima



ROSE HILL, TX  
2022



NGA REF NO. 110355024X

**GFT**

T.B.P.E.L.S. FIRM REGISTRATION #1800  
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

JESKE TRACT PRELIMINARY  
USGS EXHIBIT  
(SHEET 2 OF 4)

STREAM REALTY PARTNERS

SCALE: N.T.S.

July 28, 2025



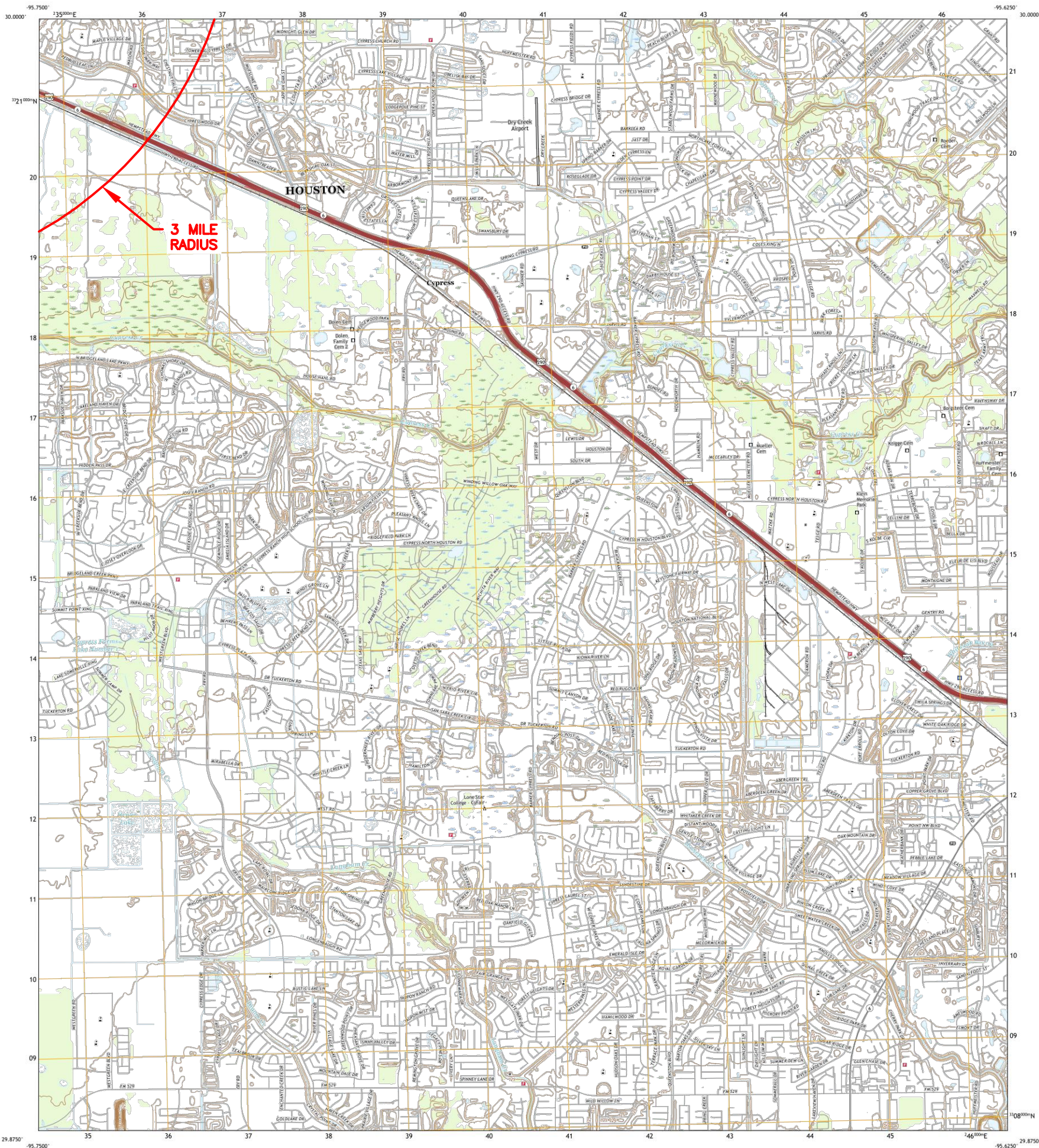
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U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY

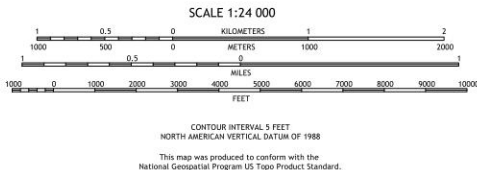
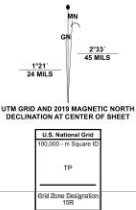


CYPRESS QUADRANGLE  
TEXAS - HARRIS COUNTY  
7.5-MINUTE SERIES



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World Geodetic System of 1984 (WGS84). Projection and  
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Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015 - 2019  
Names.....GNS, 1979 - 2022  
Hydrography.....National Hydrography Dataset, 2002 - 2018  
Contours.....National Elevation Dataset, 2010  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



1	2	3
4	5	6
7	8	9

ADDRESSING QUADRANGLES:

1 Hockley  
2 Rose Hill  
3 Tontitall  
4 Warren Lake  
5 Sattuma  
6 Katy  
7 Adicks  
8 Redding Village



CYPRESS, TX  
2022



T.B.P.E.L.S. FIRM REGISTRATION #1800  
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

JESKE TRACT PRELIMINARY  
USGS EXHIBIT  
(SHEET 3 OF 4)

STREAM REALTY PARTNERS

SCALE: N.T.S.

July 28, 2025



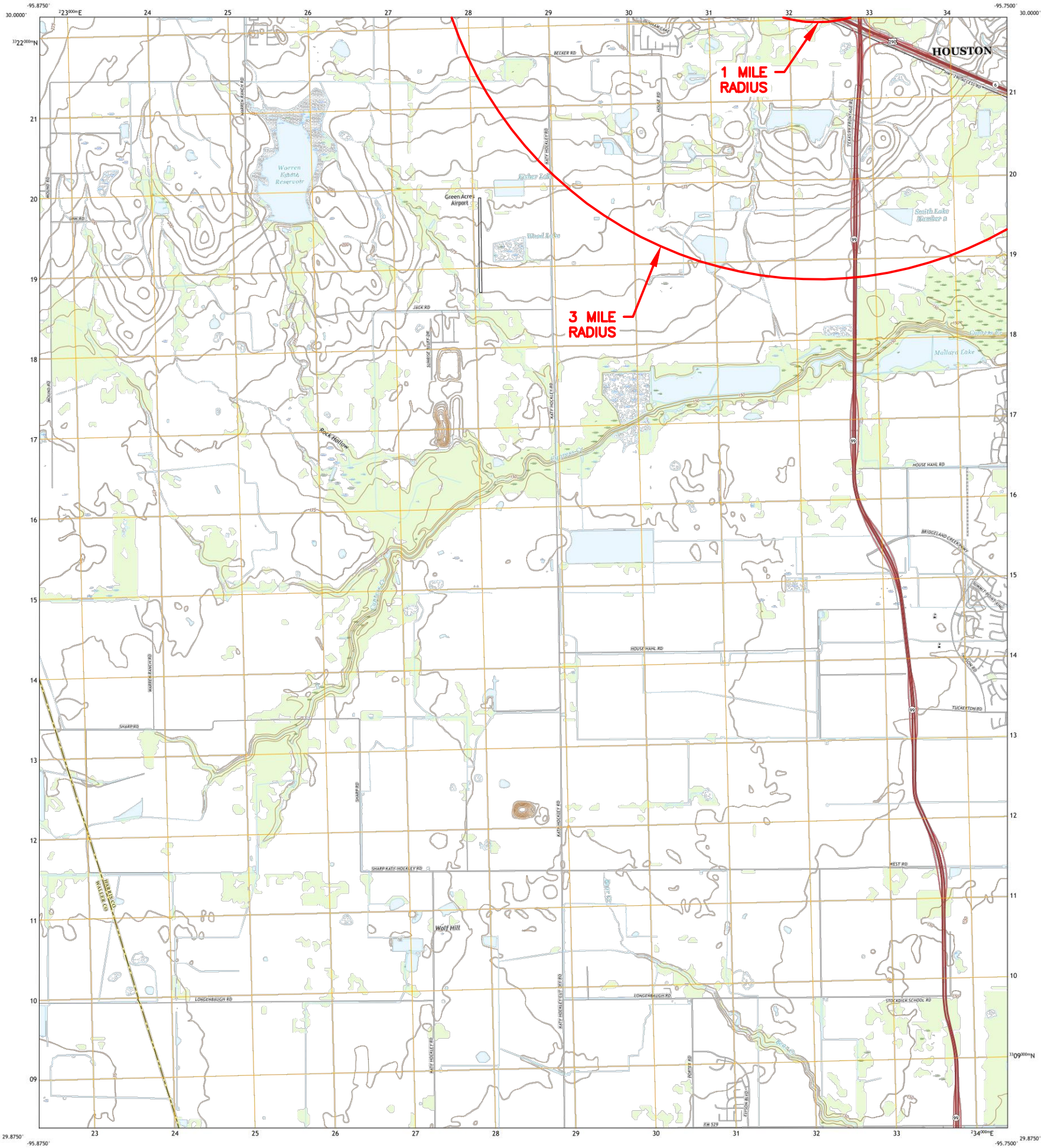
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U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



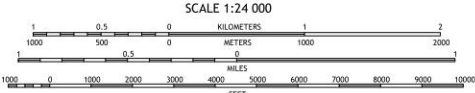
WARREN LAKE QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



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North American Datum of 1983 (NAD83)  
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Imagery.....NAP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015 - 2019  
Names.....GNIS, 1979 - 2021  
Hydrography.....National Hydrography Dataset, 2002 - 2018  
Contours.....National Elevation Dataset, 2010  
Boundaries.....Multiple sources; see metadata file 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 5 FEET  
NORTH AMERICAN VERTICAL DATUM OF 1988  
This map was produced to conform with the  
National Geospatial Program US Topo Product Standard.



1	2	3
4	5	6
7	8	9

1 Waller  
2 Heckley  
3 Rose Hill  
4 Heckley Mound  
5 Cypress  
6 Brookshire  
7 Katy  
8 Adicks

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

WARREN LAKE, TX  
2022



NSA REF NO. 11050524K47521

**GFT**

T.B.P.E.L.S. FIRM REGISTRATION #1800  
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

JESKE TRACT PRELIMINARY  
USGS EXHIBIT  
(SHEET 4 OF 4)

STREAM REALTY PARTNERS

SCALE: N.T.S.

July 28, 2025

GULF COAST LAND TRUST

PO BOX 1504

NEEDVILLE TX 77461-1504

HARRIS COUNTY MUD NO 319

PO BOX 1368

FRIENDSWOOD TX 77549-1368

GARCIA ANTHONY

16902 BAUER RD

CYPRESS TX 77433-4257

HENRY JON P & AVA D

31010 COCO ST

CYPRESS TX 77433-4264

MANLEY JAMES R & ADELIA

31002 COCO ST

CYPRESS TX 77433-4264

DECAILLE LAVERNE

30918 COCO ST

CYPRESS TX 77433-4263

GARCIA MARTE & ALMA L

14551 ROARING FORK LN

HOUSTON TX 77095-5243

TELLO JOSE & LIDIA

30916 COCO ST

CYPRESS TX 77433

FERIOLI MIGUEL & MAGDALENA

30902 COCO ST

CYPRESS TX 77433-4263

GUERRA ALDEN

30818 COCO ST

CYPRESS TX 77433-4258

BABIN DANNY & MARGARET

30810 COCO ST

CYPRESS TX 77433-4258

CAMPBELL CHARLES L CAMPBELL LINDA

30802 COCO ST

CYPRESS TX 77433-4258

MA JIAN ZHONG LUONG ELAINE

20506 SPRING ROSE DR

KATY TX 77450-8236

ALLEN MICHAEL L & FRANCES

30710 COCO ST

CYPRESS TX 77433-4917

CORTEZ JESSE A

30610 COCO ST

CYPRESS TX 77433-4920

AMADOR MANUEL

30602 COCO ST

CYPRESS TX 77433-4920

DENNIS LEROY CRANSTON REVOCABLE TRUST

30518 COCO ST

CYPRESS TX 77433-4906

AMADOR GABRIEL JR

31215 GULF CYPRESS LN

HOCKLEY TX 77447-5347

GERARD CARL & NATHY

30502 COCO ST

CYPRESS TX 77433-4906

FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

DRZ CYP TX LLC CVS PHARMACY

4918 LOCUST ST

BELLAIRE TX 77401-4056

FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

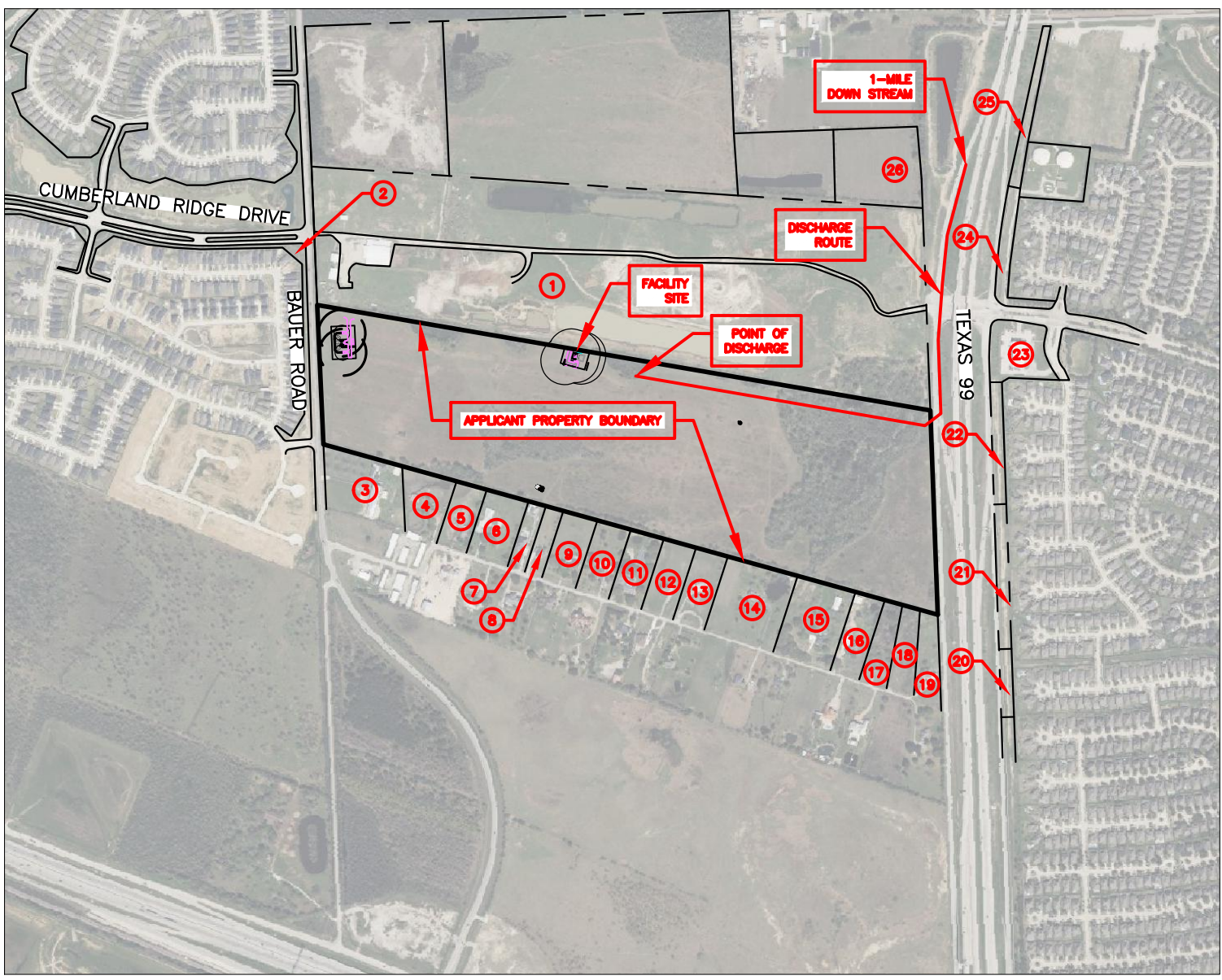
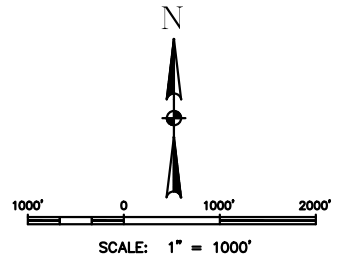
CES HOLDINGS LLC

22803 SCHIEL RD

CYPRESS TX 77433-4262



G:\1130\LANDEV\STAFF\PUGEL\BAUER DISCHARGE PERMIT\05\_CADD\04\_RECEIVED\20250725\_ADJACENT LAND OWNERS MAP\ADJACENT PROPERTY OWNERS EXHIBIT.DWG



T.B.P.E.L.S. FIRM REGISTRATION #1800  
3100 WEST ALABAMA HOUSTON, TEXAS 77098 (713) 520-9570

GRAND BAUER LOGISTICS  
PRELIMINARY ENGINEERING  
ADJACENT PROPERTY OWNERS

STREAM REALTY PARTNERS

SCALE: 1" = 1000'

September 5, 2025



- 1 GULF COAST LAND TRUST  
PO BOX 1504  
NEEDVILLE TX 77461-1504
- 2 HARRIS COUNTY MUD NO 319  
PO BOX 1368  
FRIENDSWOOD TX 77549-1368
- 3 GARCIA ANTHONY  
16902 BAUER RD  
CYPRESS TX 77433-4257
- 4 HENRY JON P & AVA D  
31010 COCO ST  
CYPRESS TX 77433-4264
- 5 MANLEY JAMES R & ADELIA  
31002 COCO ST  
CYPRESS TX 77433-4264
- 6 DECAILLE LAVERNE  
30918 COCO ST  
CYPRESS TX 77433-4263
- 7 GARCIA MARTE & ALMA L  
14551 ROARING FORK LN  
HOUSTON TX 77095-5243
- 8 TELLO JOSE & LIDIA  
30916 COCO ST  
CYPRESS TX 77433
- 9 FERIOLI MIGUEL & MAGDALENA  
30902 COCO ST  
CYPRESS TX 77433-4263
- 10 GUERRA ALDEN  
30818 COCO ST  
CYPRESS TX 77433-4258
- 11 BABIN DANNY & MARGARET  
30810 COCO ST  
CYPRESS TX 77433-4258
- 12 CAMPBELL CHARLES L CAMPBELL LINDA  
30802 COCO ST  
CYPRESS TX 77433-4258
- 13 MA JIAN ZHONG  
LUONG ELAINE  
20506 SPRING ROSE DR  
KATY TX 77450-8236
- 14 ALLEN MICHAEL L & FRANCES  
30710 COCO ST  
CYPRESS TX 77433-4917
- 15 CORTEZ JESSE A  
30610 COCO ST  
CYPRESS TX 77433-4920
- 16 AMADOR MANUEL  
30602 COCO ST  
CYPRESS TX 77433-4920
- 17 DENNIS LEROY CRANSTON REVOCABLE TRUST  
30518 COCO ST  
CYPRESS TX 77433-4906
- 18 AMADOR GABRIEL JR  
31215 GULF CYPRESS LN  
HOCKLEY TX 77447-5347
- 19 GERARD CARL & NATHY  
30502 COCO ST  
CYPRESS TX 77433-4906
- 20 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION  
16055 MASON RD  
CYPRESS TX 77433-5619
- 21 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION  
16055 MASON RD  
CYPRESS TX 77433-5619
- 22 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION  
16055 MASON RD  
CYPRESS TX 77433-5619

23 DRZ CYP TX LLC

CVS PHARMACY

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25 FAIRFIELD VILLAGE COMMUNITY ASSOCIATION

16055 MASON RD

CYPRESS TX 77433-5619

26 CES HOLDINGS LLC

22803 SCHIEL RD

CYPRESS TX 77433-4262

## Candice Calhoun

---

**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Tuesday, September 9, 2025 9:51 AM  
**To:** Michelle Labrie  
**Cc:** Sheldon, Steve; Schultz, Jason W.  
**Subject:** RE: 16868-001, discharge route information  
**Attachments:** Admin Report Pg 8 of 17.pdf; H Supplemental Permit Information 20971.pdf

**Follow Up Flag:** Follow up  
**Flag Status:** Flagged

Hi Michelle,

Yes, the SH-99 system refers to underground storm sewer. The detention pond does not discharge to a drainage ditch before reaching the underground storm sewer. Below are the coordinates of the outfall to Little Cypress Creek:

30° 1'25.99"N (30.023886)  
95°45'50.76"W (95.7641)

Attached to this email are the revised pages associated with the discharge route description update.

Let me know if anything else is needed.

Thank you!

### Calvin C. Pugel, P.E.

Staff Engineer, Land Development

3100 W. Alabama, Houston, TX 77098

**E:** [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

**C:** 206-999-3549 | **O:** 713-520-9570

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---

**From:** Michelle Labrie <Michelle.Labrie@tceq.texas.gov>  
**Sent:** Monday, September 8, 2025 4:32 PM  
**To:** Calvin Pugel <cpugel@gfnet.com>  
**Cc:** Sheldon, Steve <ssheldon@gfnet.com>; Schultz, Jason W. <jschultz@gfnet.com>  
**Subject:** RE: 16868-001, discharge route information

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Calvin,

Thank you for the exhibit, that is helpful. When you say SH 99 system you are referring to an underground storm sewer, correct? Will there be any kind of drainage ditch connecting the detention pond to the storm sewer? Once this piece is clarified we will just need you to send revised application pages (pg 8 of 17 in the admin report and the SPIF) with the discharge route including the SH99 system in that description.

Lastly, please send me the outfall coordinates of where the SH 99 system outfalls to Little Cypress Creek. This doesn't need to be included in the revised pages and can just be sent to me via email.

Thank you, and please let me know if you have any questions,  
Michelle

---

**From:** Calvin Pugel <cpugel@gftinc.com>  
**Sent:** Monday, September 8, 2025 3:53 PM  
**To:** Michelle Labrie <Michelle.Labrie@tceq.texas.gov>  
**Cc:** Sheldon, Steve <ssheldon@gftinc.com>; Schultz, Jason W. <jschultz@gftinc.com>  
**Subject:** RE: 16868-001, discharge route information

Good afternoon Michelle,

The actual path is from the WWTP, to a detention pond, to the SH 99 system, to Little Cypress Creek, then to Cypress Creek. Attached is a sheet (Exhibit D) from the drainage study showing the pond and the outfall system to SH 99. If you need the system from Basin 1A within SH 99 to Little Cypress Creek, we can request from TXDOT.

The attached Exhibit D is the theoretically designed, dry bottom pond, proposed for the development. Does that exhibit work as a map?

Let me know if the above descriptions and attached map will suffice, and if you need anything else I will work to get it to you ASAP.

Thank you,

**Calvin C. Pugel, P.E.**  
Staff Engineer, Land Development



3100 W. Alabama, Houston, TX 77098

E: [cpugel@gftinc.com](mailto:cpugel@gftinc.com)

C: 206-999-3549 | O: 713-520-9570

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---

**From:** Michelle Labrie <[Michelle.Labrie@tceq.texas.gov](mailto:Michelle.Labrie@tceq.texas.gov)>

**Sent:** Friday, September 5, 2025 6:07 PM

**To:** Calvin Pugel <[cpugel@gfnet.com](mailto:cpugel@gfnet.com)>; Schultz, Jason W. <[jschultz@gfnet.com](mailto:jschultz@gfnet.com)>

**Subject:** 16868-001, discharge route information

**[EXTERNAL EMAIL]:** This email originated from outside the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good afternoon,

I'm the Standards reviewer for the new proposed facility 16868-001 and will need some additional information on the discharge route. The description provided in the application states "via pipe to a proposed detention pond, thence to Little Cypress Creek, thence to Cypress Creek"

Further on in the application it notes the detention pond discharges to the SH 99 drainage system, please include this in the description and clarify what kind of receiving waterbody this drainage system is (ditch/unnamed tributary). This will need to be included in the discharge route description in the application.

Secondly please provide some additional information on the detention pond. Please clarify if it will be designed to have a wet or dry bottom. It would be helpful to have the proposed detention pond depicted on a map so we can include distances accurately in our technical and modeling reviews.

Thanks, and please let me know if you have any questions.



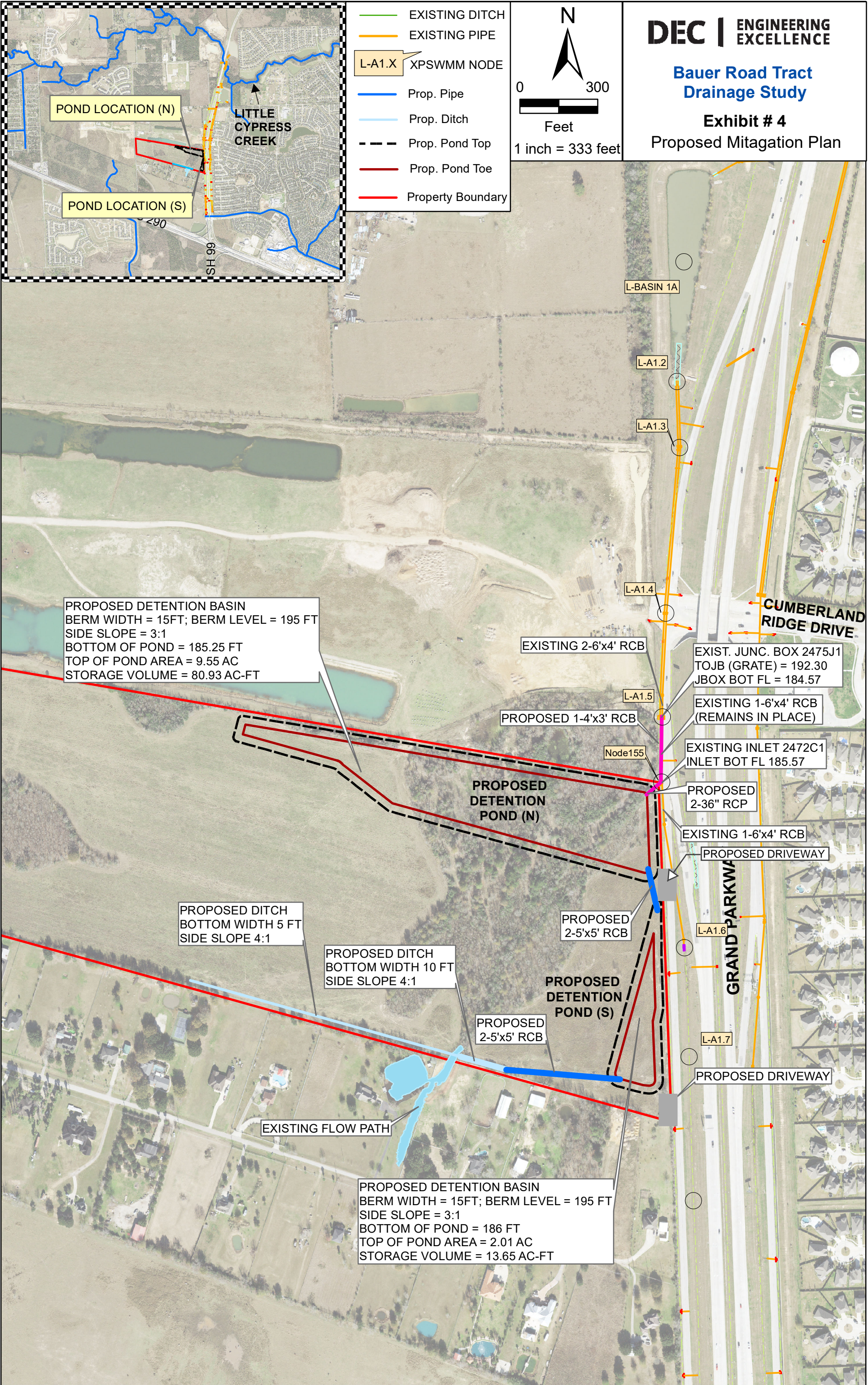
Michelle S. Labrie

TCEQ Water Quality Division

[Michelle.Labrie@tceq.texas.gov](mailto:Michelle.Labrie@tceq.texas.gov)

Phone: 512.239.4535







E. Owner of effluent disposal site:

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

## Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

Treatment facility is located approximately 2,400 feet southeast of the intersection of Bauer Rd and Cumberland Ridge Drive.

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:

From the treatment facility through a 24-inch pipe (exact size to be determined with facility design) into a proposed detention pond, then to the SH-99 storm sewer system that outfalls to Little Cypress Creek, thence to Cypress Creek.

City nearest the outfall(s): Cypress

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

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