



# 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 Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.*

Goose Creek Commerce Center, LP (2. Enter Customer Number here (i.e., CN606413623) proposes to operate Goose Creek Logistics Center Wastewater Treatment Plant (5. Enter Regulated Entity Number here (i.e., RN112253562), an activated sludge plant that operates in single stage nitrification mode. The facility will be located at approximately 0.50 miles northwest of the intersection of Battlebell Road and John Martin Road, in Baytown, Harris County, Texas 77521. This is a new permit application to discharge 130,000 gallons per day (final phase) 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. Domestic wastewater will be treated by an activated sludge process plant and treatment units will include aeration basins, clarifiers, digester basins, and chlorine contact basins.



## 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.*

Goose Creek Commerce Center, LP (es decir, CN606413623) propone operar la Goose Creek Logistics Center Wastewater Treatment Plant 5. Introduzca el número de entidad regulada aquí (es decir, RN112253562), una planta de lodos activados que opera en modo de nitrificación de una sola etapa. La instalación estará ubicada en aproximadamente 0,50 millas al noroeste de la intersección de Battlebell Road y John Martin Road, en Baytown, Condado de Harris, Texas 77521. Se trata de una nueva solicitud de permiso para descargar 130.000 galones por día (fase final) de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan Demanda bioquímica de oxígeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. Aguas residuales domésticas. estará tratado por una planta de procesamiento de lodos activados y las unidades de tratamiento incluirán cuencas de aireación, clarificadores, cuencas de digestion y cuencas de contacto de cloro.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

### PROPOSED PERMIT NO. WQ0016851001

**APPLICATION.** Goose Creek Commerce Center, LP, 3000 Turtle Creek Boulevard, Dallas, Texas 75219, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016851001 (EPA I.D. No. TX0148229) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 130,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.50 miles northwest of the intersection of Battlebell Road and John Martin Road, in Harris County, Texas 77521. The discharge route will be from the plant site to a series of interconnected detention basins; thence to Goose Creek; thence to Tabbs Bay. TCEQ received this application on July 23, 2025. The permit application will be available for viewing and copying at Stratford Branch Library, 509 Stratford Street, Highlands, 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=-95.006944,29.815277&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 Goose Creek Commerce Center, LP at the address stated above or by calling Ms. Shiann Hernandez, P.E., Project Manager, BGE, Inc., at 713-488-8391.

Issuance Date: September 30, 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. WQ0016851001

**SOLICITUD.** Goose Creek Commerce Center, LP, 3000 Turtle Creek Boulevard, Dallas, Texas 75219, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016851001 (EPA I.D. No. TX 0148229) 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 130.000 galones por día. La planta estará ubicada en aproximadamente 0,50 millas al noroeste de la intersección de Battlebell Road y John Martin Road en el Condado de Harris, Texas 77521. La ruta de descarga será desde el sitio de la planta a una serie de cuencas de detención interconectadas; de allí a Goose Creek; de allí a la bahía de Tabbs. La TCEQ recibió esta solicitud el 23 de julio de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la biblioteca de Stratford Branch, 509 Stratford Street, Highlands, TX 77562 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=-95.006944,29.815277&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 Goose Creek Commerce Center, LP a la dirección indicada arriba o llamando a Sra. Shiann Hernandez, P.E., Gerente de Proyecto, BGE, Inc. al 713-488-8391.

Fecha de emisión: 30 de septiembre de 2025

## Erwin Madrid

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**From:** Shiann Hernandez <SHernandez@bgeinc.com>  
**Sent:** Tuesday, September 30, 2025 1:35 PM  
**To:** Erwin Madrid; Dawson Hunt  
**Subject:** RE: Application for Proposed Permit No. WQ0016851001 - Notice of Deficiency Letter  
**Attachments:** Municipal Discharge New Spanish NORI.docx

Erwin,  
Please see attached.

Thank you,

**Shiann Hernandez, PE**  
**BGE, Inc.**  
713.488.8391

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**From:** Erwin Madrid <Erwin.Madrid@tceq.texas.gov>  
**Sent:** Tuesday, September 30, 2025 11:22 AM  
**To:** Dawson Hunt <dhunt@bgeinc.com>; Shiann Hernandez <SHernandez@bgeinc.com>  
**Subject:** RE: Application for Proposed Permit No. WQ0016851001 - Notice of Deficiency Letter

Hi Dawson,

Thank you for the prompt response; I now have the receiving water assessment – can you please revise the Spanish NORI to show the discharge route also:

“The discharge route will be from the plant site to a series of interconnected detention basins; thence to Goose Creek; thence to Tabbs Bay.”

Once you can provide this back to me, I will work to declare the application administratively complete.

Regards,

Erwin Madrid  
Team Lead  
ARP Team | Water Quality Division  
512-239-2191  
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.



Registration is open for the [2025 Water Quality / Stormwater Seminar](#) on Oct. 21, 2025.

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**From:** Dawson Hunt <[dhunt@bgeinc.com](mailto:dhunt@bgeinc.com)>  
**Sent:** Friday, September 26, 2025 2:47 PM  
**To:** Erwin Madrid <[Erwin.Madrid@tceq.texas.gov](mailto:Erwin.Madrid@tceq.texas.gov)>; Shiann Hernandez <[SHernandez@bgeinc.com](mailto:SHernandez@bgeinc.com)>  
**Subject:** RE: Application for Proposed Permit No. WQ0016851001 - Notice of Deficiency Letter

Erwin,

Please find attached our Municipal Discharge Spanish NORI. Please let us know if any other materials are needed, thank you.

Sincerely,

**Dawson Hunt**  
**BGE, Inc.**  
832.535.2780

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**From:** Erwin Madrid <[Erwin.Madrid@tceq.texas.gov](mailto:Erwin.Madrid@tceq.texas.gov)>  
**Sent:** Friday, September 26, 2025 11:36 AM  
**To:** Shiann Hernandez <[SHernandez@bgeinc.com](mailto:SHernandez@bgeinc.com)>  
**Cc:** Dawson Hunt <[dhunt@bgeinc.com](mailto:dhunt@bgeinc.com)>  
**Subject:** Application for Proposed Permit No. WQ0016851001 - Notice of Deficiency Letter  
**Importance:** High

Dear applicant,

The attached Notice of Deficiency letter sent on **September 26, 2025**, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by **October 10, 2025**.

**Please note** – the proposed discharge route is being reviewed and analyzed by our Water Quality Assessment Team and will be added to the NORI once they confirm the exact route. For now, please translate as such and we can make the changes prior to declaring the application administratively complete.

Regards,

Erwin Madrid  
Team Lead  
ARP Team | Water Quality Division  
512-239-2191  
Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail.



Registration is open for the [2025 Water Quality / Stormwater Seminar](#) on Oct. 21, 2025.



May 14, 2025

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

Re: TPDES New Permit Application  
Goose Creek Commerce Center, LP  
Goose Creek Logistics Center Wastewater Treatment Plant

To Whom It May Concern,

On behalf of Goose Creek Commerce Center, LP, BGE, Inc. is submitting one (1) original and two (2) copies of a New Permit application for the referenced project. This application is enclosed for your review and approval.

Also, enclosed is a copy of the application fee payment in the amount of \$850.00, which is being sent under separate cover to the Revenues Section.

Should you have any questions or require additional information, please contact me at [shernandez@bgeinc.com](mailto:shernandez@bgeinc.com). I can be reached by phone at (713) 488-8391.

Thank you,

A handwritten signature in black ink, appearing to read "Shiann Hernandez", with a long, sweeping horizontal line extending to the right.

Shiann Hernandez, P.E.

Enclosures

## **TPDES New Permit Application**

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**Goose Creek Commerce Center, LP**

**Goose Creek Logistics Center**

**Wastewater Treatment Plant**

**May 2025**



## **TPDES New Permit Application**

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**Goose Creek Commerce Center, LP  
Goose Creek Logistics Center  
Wastewater Treatment Plant**



*Shiann Hernandez*

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**Shiann Hernandez, P.E.  
Project Manager  
TBPE Registration No. F-1046**

**BGE Job No. 14179-00**



# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Goose Creek Commerce Center, LP

PERMIT NUMBER (If new, leave blank): WQ00 [Click 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"/>
Public Involvement Plan Form	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Flow Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Site Drawing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Technical Report 1.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Original Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Design Calculations	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Solids Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Balance	<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: 118181  
Check/Money Order Amount: \$850.00  
Name Printed on Check: BGE, Inc.

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 Wastewater 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?

Goose Creek Commerce Center, 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: [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: Rogers, Toby

Title: Executive Vice President

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

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

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

[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 1

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

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

- A. Prefix: Ms. Last Name, First Name: Hernandez, Shiann  
Title: Project Manager Credential: P.E.  
Organization Name: BGE, Inc.  
Mailing Address: 10777 Westheimer Rd Ste 400 City, State, Zip Code: Houston, TX 77042  
Phone No.: 713-488-8391 E-mail Address: shernandez@bgeinc.com  
Check one or both: ☒ Administrative Contact ☒ Technical Contact
- B. Prefix: Mr. Last Name, First Name: Hunt, Dawson  
Title: Engineer Credential: Click to enter text.  
Organization Name: BGE, Inc.  
Mailing Address: 23501 Cinco Ranch Blvd Ste A-250 City, State, Zip Code: Katy, TX 77494  
Phone No.: 832-535-2780 E-mail Address: dhunt@bgeinc.com  
Check one or both: ☒ Administrative Contact ☒ Technical Contact

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

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

- A. Prefix: Ms. Last Name, First Name: Hernandez, Shiann  
Title: Project Manager Credential: P.E.  
Organization Name: BGE, Inc.  
Mailing Address: 10777 Westheimer Rd Ste 400 City, State, Zip Code: Houston, TX 77042  
Phone No.: 713-488-8391 E-mail Address: shernandez@bgeinc.com

B. Prefix: Mr. Last Name, First Name: Hunt, Dawson  
Title: Engineer Credential: Click to enter text.  
Organization Name: BGE, Inc.  
Mailing Address: 23501 Cinco Ranch Blvd Ste A-250 City, State, Zip Code: Katy, TX 77494  
Phone No.: 832-535-2780 E-mail Address: dhunt@bgeinc.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: Ms. Last Name, First Name: Welsch, Kayla  
Title: Vice President Credential: P.E.  
Organization Name: Hillwood  
Mailing Address: 3000 Turtle Creek Blvd City, State, Zip Code: Dallas, TX 75219  
Phone No.: 214-303-5535 E-mail Address: kayla.welsch@hillwood.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: Bailey, Nick  
Title: Director, Land Development Credential: P.E.  
Organization Name: BGE, Inc.  
Mailing Address: 1450 Lake Robbins Dr Ste 310 City, State, Zip Code: The Woodlands, TX 77380  
Phone No.: 832-592-2725 E-mail Address: nbailey@bgeinc.com

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

### A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Hernandez, Shiann  
Title: Project Manager Credential: P.E.  
Organization Name: BGE, Inc.  
Mailing Address: 10777 Westheimer Rd Ste 400 City, State, Zip Code: Houston, TX 77042  
Phone No.: 713-488-8391 E-mail Address: shernandez@bgeinc.com



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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

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

Prefix: Ms.

Last Name, First Name: Hernandez, Shiann

Title: Project Manager

Credential: P.E.

Organization Name: BGE, Inc.

Mailing Address: 10777 Westheimer Rd Ste 400 City, State, Zip Code: Houston, TX 77042

Phone No.: 713-488-8391

E-mail Address: shernandez@bgeinc.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: Stratford Branch Library

Location within the building: Front Desk

Physical Address of Building: 509 Stratford St, Highlands, TX 77562

City: Highlands

County: Harris

Contact (Last Name, First Name): Blackwell, Lisa

Phone No.: 832-927-5400 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. Plain Language Summary Template

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

**Attachment:** Attachment 2

#### G. Public Involvement Plan Form

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

**Attachment:** Attachment 3

### 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):

Goose Creek Logistics Center Wastewater Treatment Plant

C. Owner of treatment facility: Goose Creek Commerce Center, LP

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

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

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

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

Organization Name: Goose Creek Commerce Center, LP

Mailing Address: 3000 Turtle Creek Blvd City, State, Zip Code: Dallas, TX 75219

Phone No.: 214-303-5535 E-mail Address: kayla.welsch@hillwood.com

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

**Attachment:** 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:

The proposed wastewater treatment plant location is approximately 0.50 miles northwest of the intersection of John Martin Rd. and Battlebell Rd.

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

☐

Yes

☐

No

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

The proposed outfall into a future detention basin is 29.81529722°N 95.00698333°W. The flow will traverse through three future detention basins (all part of the same tract and with the same owner as the proposed WWTP) via culvert pipes before outfalling into Goose Creek (Segment ID 2426A) at 29.80468889°N 95.00705278°W.

City nearest the outfall(s): Baytown

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: [Click to enter text.](#)

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

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

☐ Yes ☐ No

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

[Click to enter text.](#)

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

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

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

[Click to enter text.](#)

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

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

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

[Click to enter text.](#)

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

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

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

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

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

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

## Section 13. Attachments (Instructions Page 33)

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

- ☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information: **(See Attachment 4)**
  - 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: Attachments 1-3

## 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: Goose Creek Commerce Center, 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.

**Goose Creek Commerce Center, LP,**

a Delaware limited partnership

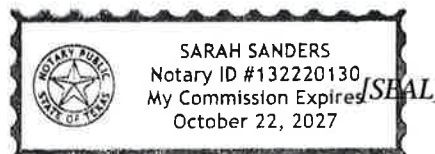
By: HW Goose Creek CC GP, LLC,  
a Delaware limited liability company,  
its general partner

By:   
Name: Toby Rogers  
Title: EVP

Signature: \_\_\_\_\_ Date: 5/14/2025  
(Use blue ink)

Subscribed and Sworn to before me by the said Toby Rogers, EVP  
on this 14<sup>th</sup> day of May, 2025.  
My commission expires on the 22<sup>nd</sup> day of October, 2027.

  
Notary Public



Dallas  
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: **(See Attachment 5)**
- ☒ The applicant's property boundaries
  - ☒ The facility site boundaries within the applicant's property boundaries
  - ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
  - ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
  - ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
  - ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
  - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
  - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
  - ☐ The property boundaries of all landowners surrounding the effluent disposal site
  - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
  - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. Indicate by a check mark in which format the landowners list is submitted:
- ☐ USB Drive
  - ☒ Four sets of labels
- D. Provide the source of the landowners' names and mailing addresses: Harris County Appraisal District
- 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. **(See Attachment 6)**

- ☒ 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. **(See Attachment 7)**

- 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:** Attachment 8

# WATER QUALITY PERMIT

## PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do Not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

**Mail this form and the check or money order to:**

*BY REGULAR U.S. MAIL*

Texas Commission on Environmental Quality  
Financial Administration Division  
Cashier's Office, MC-214  
P.O. Box 13088  
Austin, Texas 78711-3088

*BY OVERNIGHT/EXPRESS MAIL*

Texas Commission on Environmental Quality  
Financial Administration Division  
Cashier's Office, MC-214  
12100 Park 35 Circle  
Austin, Texas 78753

**Fee Code: WQP**      **Waste Permit No:** [Click to enter text.](#)

1. Check or Money Order Number: 118181
2. Check or Money Order Amount: \$850.00
3. Date of Check or Money Order: 05/13/2025
4. Name on Check or Money Order: BGE, Inc.
5. APPLICATION INFORMATION

Name of Project or Site: Goose Creek Logistics Center Wastewater Treatment Plant

Physical Address of Project or Site: Approximately 0.50 miles northwest of the intersection of John Martin Rd. and Battlebell Rd. in Baytown, TX

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

**Staple Check or Money Order in This Space**

# 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 Cross Reference List ☐ N/A ☒ Yes  
*(See instructions for landowner requirements)*

Landowners Labels or USB Drive attached ☐ N/A ☒ Yes  
*(See instructions for landowner requirements)*

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)*

Plain Language Summary ☒ 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 43)

#### A. Existing/Interim I Phase

Design Flow (MGD): 0.065

2-Hr Peak Flow (MGD): 0.26

Estimated construction start date: 05/2026

Estimated waste disposal start date: 12/2026

#### B. Interim II Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

#### C. Final Phase

Design Flow (MGD): 0.13

2-Hr Peak Flow (MGD): 0.52

Estimated construction start date: 01/2028

Estimated waste disposal start date: 08/2028

#### D. Current Operating Phase

Provide the startup date of the facility: N/A

### Section 2. Treatment Process (Instructions Page 43)

#### A. Current Operating Phase

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

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

The wastewater treatment plant will be designed as an activated sludge package plant that operates in a single stage nitrification mode. Phase I will include preliminary screening, (2) aeration basins, (1) clarifier, (1) chlorine contact basin, and (1) digester. Phase I will remain in operation while units from the final phase are installed. The final phase process will also be designed as a package plant and include an additional (2) aeration basins, (1) clarifier, (1) chlorine contact basin, and (1) digester.

## 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)
<b><u>Phase I</u></b>		
Aeration	2	22.5' x 10' x 10.5' (SWD)
Digester	1	15' x 10' x 10.5' (SWD)
Clarifier	1	17' dia. x 12' (SWD)
Chlorine Contact	1	9' x 6' x 9.5' (SWD)
<b><u>Phase II</u></b>		
Aeration	4	22.5' x 10' x 10.5' (SWD)
Digester	2	15' x 10' x 10.5' (SWD)
Clarifier	2	17' dia. x 12' (SWD)
Chlorine Contact	2	9' x 6' x 9.5' (SWD)

## C. Process Flow Diagram

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

Attachment: 9

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

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

- Latitude: 29° 48' 55.06999" N
- Longitude: 95° 0' 25.13999" W

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

- Latitude: Click to enter text.
- Longitude: Click to enter text.

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

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;

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

**Attachment: 10**

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

<p>The treatment facility will serve the Goose Creek Logistics Center project development. Facility types served are expected to be manufacturing/warehouse.</p>
--

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
Goose Creek Logistics Center WWTP	Goose Creek Commerce Center, LP	Privately Owned	Future Development
		Choose an item.	
		Choose an item.	
		Choose an item.	

## Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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



Click to enter text.

## Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

## Section 6. Permit Specific Requirements (Instructions Page 45)

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

### A. Summary transmittal

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

☐ Yes ☒ No

If **yes**, provide the date(s) of approval for each phase: [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 50)

Is the facility in operation?

☐ Yes ☒ No

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

If **yes**, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **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.

**Table 1.0(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, µmohs/cm, †					

Oil & Grease, mg/l					
Alkalinity (CaCO <sub>3</sub> )*, mg/l					

\*TPDES permits only

†TLAP permits only

**Table 1.0(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 50)

Facility Operator Name: TBD

Facility Operator's License Classification and Level: Click to enter text.

Facility Operator's License Number: Click to enter text.

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

### A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

### B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting



- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (>= 2 years)
- ☐ Methane or Biogas Recovery
- ☐ Other Treatment Process: [Click to enter text.](#)

### C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

#### Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk	N/A	Class B: PSRP Aerobic Digestion	Option 1: Volatile solids reduced by 38%
<a href="#">Choose an item.</a>	<a href="#">Choose an item.</a>	<a href="#">Choose an item.</a>		<a href="#">Choose an item.</a>	<a href="#">Choose an item.</a>
<a href="#">Choose an item.</a>	<a href="#">Choose an item.</a>	<a href="#">Choose an item.</a>		<a href="#">Choose an item.</a>	<a href="#">Choose an item.</a>

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: [Click to enter text.](#)

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

### E. Transportation method

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

Name of the hauler: TBD

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

Sludge is transported as a:

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

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

### A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

### B. Sludge processing authorization

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

Sludge Composting	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Marketing and Distribution of sludge	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Sludge Surface Disposal or Sludge Monofill	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Temporary storage in sludge lagoons	<input type="checkbox"/> Yes	<input 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 55)

#### A. Additional authorizations

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

☐ Yes ☒ No

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

[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.](#)

# DOMESTIC WASTEWATER PERMIT APPLICATION

## TECHNICAL REPORT 1.1

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

### Section 1. Justification for Permit (Instructions Page 57)

#### A. Justification of permit need

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

The proposed development in the Goose Creek Logistics Center tract will be served by the Goose Creek Logistics Center Wastewater Treatment Plant. The phases of the wastewater treatment plant have been designed around the projected growth of the development. Phase I will serve approximately 230 equivalent single-family connections (ESFC) based on 282.5 gallons per day per connection (taking the average of 315 gpd/conn for Manufacturing facilities and 250 gpd/conn for Warehouse facilities). The final phase will serve approximately 460 ESFCs ultimate based on 282.5 gallons per day per connection.

#### 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: [11](#)

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: [11](#)

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 59)

Is this facility in operation?

☐ Yes ☒ No

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

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

### A. Current organic loading

Facility Design Flow (flow being requested in application): [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 BOD <sub>5</sub> Concentration (mg/l)
Municipality	0.065 MGD – Interim I Phase 0.13 MGD – Final Phase	300 mg/L
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	0.065 MGD – Interim I Phase 0.13 MGD – Final Phase	300 mg/L
AVERAGE BOD <sub>5</sub> from all sources		

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

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

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

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

Dissolved Oxygen, mg/l: 6.0

Other: Click to enter text.

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

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

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

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

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

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

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

**C. Final Phase Design Effluent Quality**

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

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

Dissolved Oxygen, mg/l: 6.0

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

**D. Disinfection Method**

Identify the proposed method of disinfection.

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

Dechlorination process: N/A

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

☐ Other: [Click to enter text.](#)

**Section 4. Design Calculations (Instructions Page 59)**

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

Attachment: 12

**Section 5. Facility Site (Instructions Page 60)**

**A. 100-year floodplain**

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

☐ Yes ☒ No

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

Electrical equipment will be constructed above the 100-year BFE. See Attachment 10 for Site Map showing 100-year flood level.

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

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: [Attachment 13](#)

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

#### A. Beneficial use authorization

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

☐ Yes ☒ No

If **yes**, attach the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)**: [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 61)

Attach a solids management plan to the application.

**Attachment:** [14](#)

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

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow

- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

# DOMESTIC WASTEWATER PERMIT APPLICATION

## WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

### Section 1. Domestic Drinking Water Supply (Instructions Page 64)

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

☐ Yes ☒ No

If **no**, proceed 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 64)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

#### A. Receiving water outfall

Width of the receiving water at the outfall, in feet: [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 64)

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

☐ Yes ☒ No

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

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

### Section 4. Description of Immediate Receiving Waters (Instructions Page 65)

Name of the immediate receiving waters: Future Detention Basin

#### A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: 5.58

Average depth of the entire water body, in feet: 16

Average depth of water body within a 500-foot radius of discharge point, in feet: 16

- ☐ 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: N/A. Future detention basin, not yet constructed.

### C. Downstream perennial confluences

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

Goose Creek (Segment ID 2426A)

### 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.

Immediate receiving water will be a future detention basin/RCP system that will then discharge into Goose Creek approximately 0.71 miles downstream.

### E. Normal dry weather characteristics

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

N/A. Future detention basin, not yet constructed.

Date and time of observation: [Click to enter text.](#)

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

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

### A. Upstream influences

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

- |   |   |
|---|---|
| <input type="checkbox"/> Oil field activities | <input type="checkbox"/> Urban runoff                             |
| <input type="checkbox"/> Upstream discharges  | <input type="checkbox"/> Agricultural runoff                      |
| <input type="checkbox"/> Septic tanks         | <input checked="" type="checkbox"/> Other(s), specify: <u>N/A</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 checked="" type="checkbox"/> Other(s), specify: <u>N/A</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 66)

Date of study: 3/28/2025 Time of study: 10:00am

Stream name: N/A

Location: 29° 48' 45.54" N 95° 0' 21.3084" W

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 66)

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.

Detention basin for proposed wastewater treatment facility is future and not yet constructed.

## 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.
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			
<a href="#">Choose an item.</a>			

## Section 3. Summarize Measurements (Instructions Page 66)

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 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

### Section 1. All POTWs (Instructions Page 89)

#### 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 90)

### 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 90)

#### 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.](#)

**Goose Creek Logistics Center WWTP  
TPDES New Permit Application  
List of Attachments**

Attachment 1 – Core Data Form

Corresponds to Domestic Administrative Report 1.0, Section 3.c, Page 4

Attachment 2 – Plain Language Summary

Corresponds to Domestic Administrative Report 1.0, Section 8.f, Page 7

Attachment 3 – Public Involvement Plan

Corresponds to Domestic Administrative Report 1.0, Section 8.g, Page 7

Attachment 4 – USGS Topographic Map

Corresponds to Domestic Administrative Report 1.0, Section 13, Page 10 and  
Supplemental Permit Information Form Page 2

Attachment 5 – Affected Downstream Land Owner Map and Information

Corresponds to Domestic Administrative Report 1.1, Section 1, Page 12

Attachment 6 – Original Site Photographs

Corresponds to Domestic Administrative Report 1.1, Section 2, Page 13

Attachment 7 – Buffer Zone Map

Corresponds to Domestic Administrative Report 1.1, Section 3, Page 13

Attachment 8 – Supplemental Permit Information Form

Corresponds to Domestic Administrative Report 1.1, Page 14

Attachment 9 – Process Flow Diagrams

Corresponds to Domestic Technical Report 1.0, Section 2.c, Page 2

Attachment 10 – Site Drawing with Service Area

Corresponds to Domestic Technical Report 1.0, Section 3, Page 3

Attachment 11 – Nearby WWTP Facilities

Corresponds to Domestic Technical Report 1.1, Section 1.b.3, Page 20

Attachment 12 – Design Calculations

Corresponds to Domestic Technical Report 1.1, Section 4, Page 22

Attachment 13 – Wind Rose

Corresponds to Domestic Technical Report 1.1, Section 5.b, Page 23

Attachment 14 – Sludge Solids Management Plan

Corresponds to Domestic Technical Report 1.1, Section 7, Page 23



## **Attachment 1 – Core Data Form**

Corresponds to Domestic Administrative Report 1.0, Section 3.c, Page 4



# 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		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>	
Goose Creek Commerce Center, LP					
<b>7. TX SOS/CPA Filing Number</b>		<b>8. TX State Tax ID</b> (11 digits)		<b>9. Federal Tax ID</b>	<b>10. DUNS Number</b> (if applicable)
10010259 Delaware Entity		N/A		(9 digits) 33-2218659	
<b>11. Type of Customer:</b>		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" 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: LLC	
<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 checked="" 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 type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
<b>15. Mailing Address:</b>	Goose Creek Commerce Center, LP				
	3000 Turtle Creek Blvd				
	<b>City</b>	Dallas	<b>State</b>	TX	<b>ZIP</b> 75219 <b>ZIP + 4</b> 6268
<b>16. Country Mailing Information</b> (if outside USA)				<b>17. E-Mail Address</b> (if applicable)	
				kayla.welsch@hillwood.com	

<b>18. Telephone Number</b>	<b>19. Extension or Code</b>	<b>20. Fax Number (if applicable)</b>
( 214 ) 303-5535		(   ) -

## 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.)								
Goose Creek Logistics Center Wastewater Treatment Plant								
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)								
	City		State		ZIP		ZIP + 4	
<b>24. County</b>	Harris							

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

<b>25. Description to Physical Location:</b>	The proposed wastewater treatment plant location is approximately 0.50 miles northwest of the intersection of John Martin Rd and Battlebell Rd.							
<b>26. Nearest City</b>				<b>State</b>		<b>Nearest ZIP Code</b>		
Baytown				TX		77521		
<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>		29.81529722°N			<b>28. Longitude (W) In Decimal:</b>		95.00698333°W	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
29	48	55.07	95	0	25.14			
<b>29. Primary SIC Code</b>		<b>30. Secondary SIC Code</b>		<b>31. Primary NAICS Code</b>		<b>32. Secondary NAICS Code</b>		
(4 digits)		(4 digits)		(5 or 6 digits)		(5 or 6 digits)		
4952								
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)								
Treat domestic wastewater								
<b>34. Mailing Address:</b>	Goose Creek Commerce Center, LP							
	3000 Turtle Creek Blvd							
	City	Dallas	State	TX	ZIP	75219	ZIP + 4	6268
<b>35. E-Mail Address:</b>		kayla.welsch@hillwood.com						
<b>36. Telephone Number</b>			<b>37. Extension or Code</b>			<b>38. Fax Number (if applicable)</b>		
( 214 ) 303-5535						(   ) -		

**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>	Shiann Hernandez			<b>41. Title:</b>	Project Manager
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>		
( 713 ) 488-8391		( ) -	shernandez@bgeinc.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.

**Goose Creek Commerce Center, LP,**  
a Delaware limited partnership

By: HW Goose Creek CC GP, LLC,  
a Delaware limited liability company,  
its general partner

By:   
Name: Toby Rogers  
Title: EVP

<b>Company:</b>	Goose Creek Commerce Center, LP	<b>Job Title:</b>	EVP	
<b>Name (In Print):</b>	Toby Rogers		<b>Phone:</b>	1972201-2810
<b>Signature:</b>			<b>Date:</b>	5/14/2025

## **Attachment 2 – Plain Language Summary**

Corresponds to Domestic Administrative Report 1.0, Section 8.f, Page 7



## 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 Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.*

Goose Creek Commerce Center, LP (2. Enter Customer Number here (i.e., CN606413623) proposes to operate Goose Creek Logistics Center Wastewater Treatment Plant (5. Enter Regulated Entity Number here (i.e., RN112253562), an activated sludge plant that operates in single stage nitrification mode. The facility will be located at approximately 0.50 miles northwest of the intersection of Battlebell Road and John Martin Road, in Baytown, Harris County, Texas 77521. This is a new permit application to discharge 130,000 gallons per day (final phase) 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. Domestic wastewater will be treated by an activated sludge process plant and treatment units will include aeration basins, clarifiers, digester basins, and chlorine contact basins.



## 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.*

Goose Creek Commerce Center, LP (es decir, CN606413623) propone operar la Goose Creek Logistics Center Wastewater Treatment Plant 5. Introduzca el número de entidad regulada aquí (es decir, RN112253562), una planta de lodos activados que opera en modo de nitrificación de una sola etapa. La instalación estará ubicada en aproximadamente 0,50 millas al noroeste de la intersección de Battlebell Road y John Martin Road, en Baytown, Condado de Harris, Texas 77521. Se trata de una nueva solicitud de permiso para descargar 130.000 galones por día (fase final) de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan Demanda bioquímica de oxígeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH3-N) y Escherichia coli. Aguas residuales domésticas. estará tratado por una planta de procesamiento de lodos activados y las unidades de tratamiento incluirán cuencas de aireación, clarificadores, cuencas de digestion y cuencas de contacto de cloro.



## **Attachment 3 – Public Involvement Plan**

Corresponds to Domestic Administrative Report 1.0, Section 8.g, Page 7



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    N/A

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

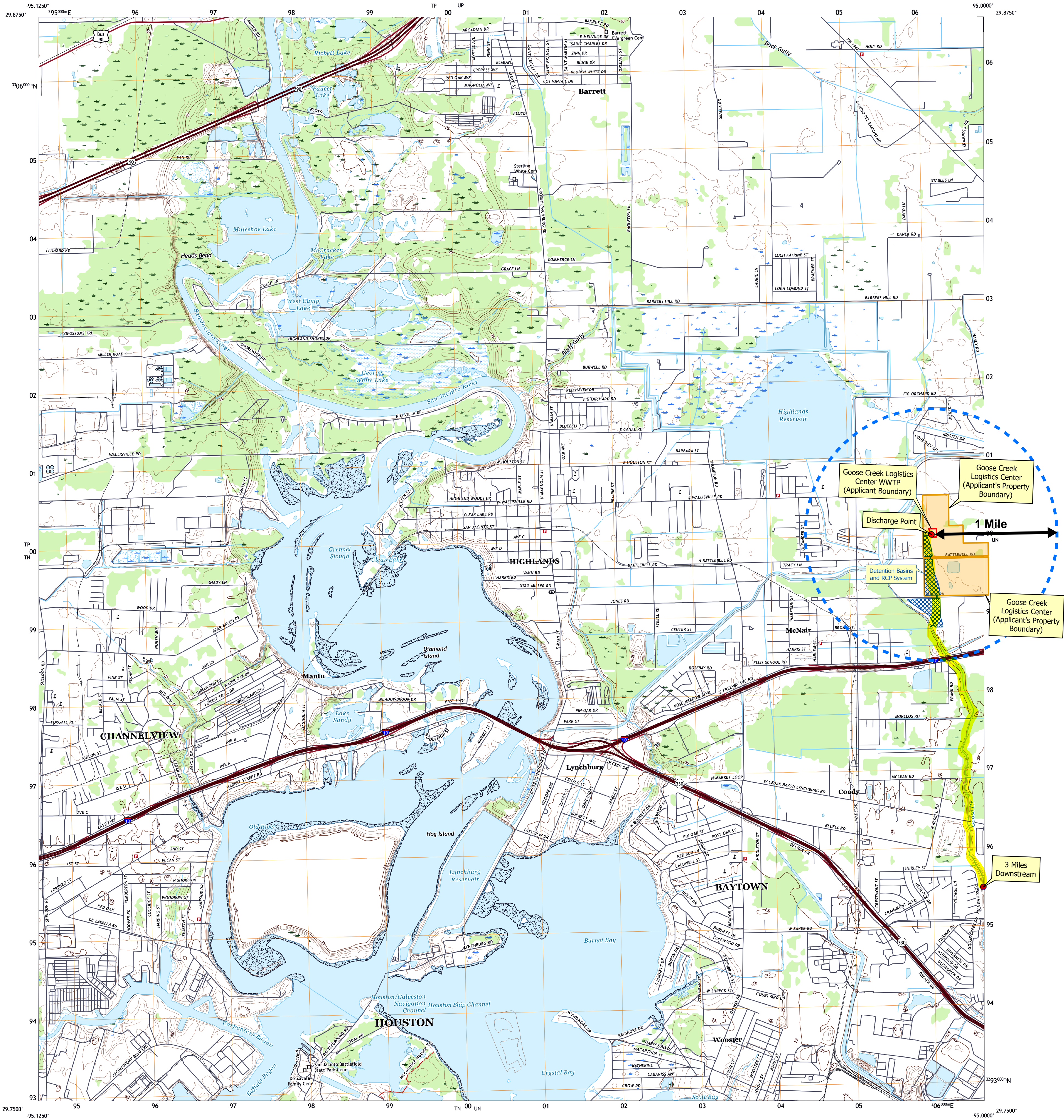
Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

## **Attachment 4 – USGS Topographic Map**

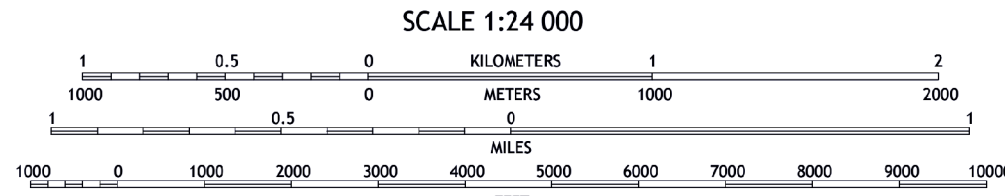
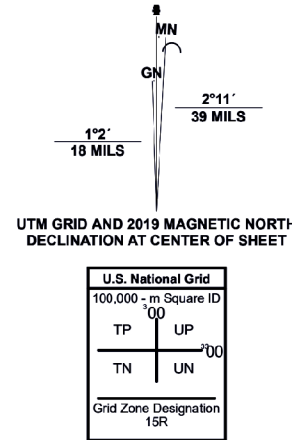
Corresponds to Domestic Administrative Report 1.0, Section 13, Page 10 and  
Supplemental Permit Information Form, Page 2





Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84). Projection and  
1 000-meter grid: Universal Transverse Mercator, Zone 15R  
This map is not a legal document. Boundaries may be  
generalized for this map scale. Private lands within government  
reservations may not be shown. Obtain permission before  
entering private lands.

Imagery.....NAIP, September 2016 - November 2016  
Roads.....U.S. Census Bureau, 2015 - 2019  
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	1 Harmon
4	5	6	2 Crosby
7	8	9	3 Shreds
			4 Jacinto City
			5 Mont Belvieu
			6 Pasadena
			7 La Porte
			8 Morgans Point

HIGHLANDS, TX  
2022

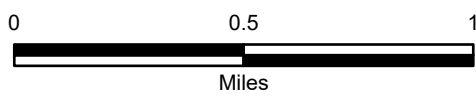


**ROAD CLASSIFICATION**

Expressway  
Secondary Hwy  
Ramp

Local Connector  
Local Road  
4WD

Interstate Route  
US Route  
State Route



- Discharge Point
- 3 Miles Downstream
- Applicant Boundary (WWTP Site)
- ▨ Detention Basins and RCP System
- Service Area
- WWTP 1 Mile Radius

Goose Creek Commerce Center, LP  
Goose Creek Logistics Center WWTP



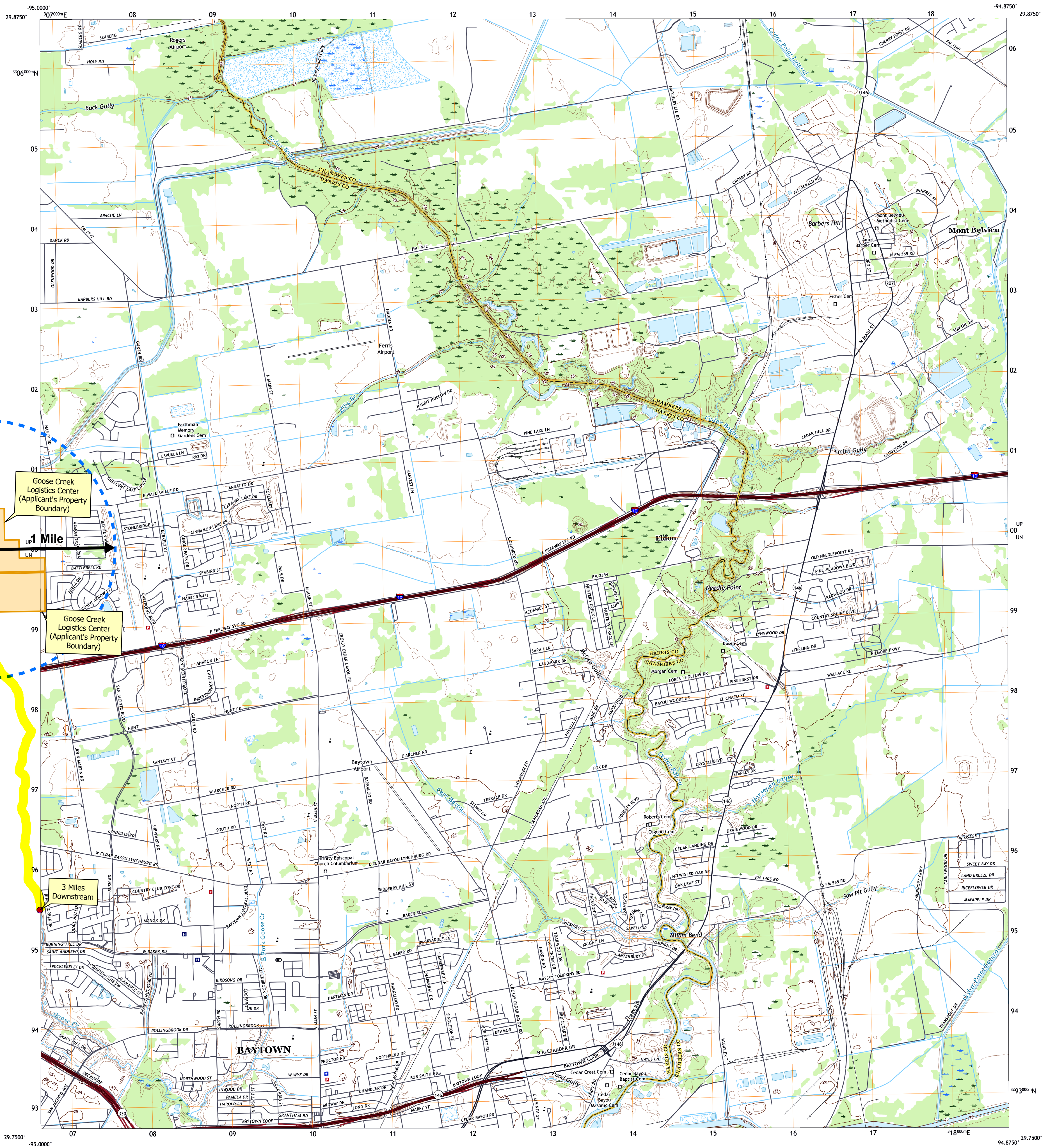
BGE, Inc.  
10777 Westheimer, Suite 400, Houston TX 77042  
Tel: 281-558-8700 Fax: 281-558-9701  
www.bgeinc.com

TPDES New Permit Application

USGS Quad Map Corresponds to Domestic  
Administrative Report 1.0, Section 13, Page 10  
and Supplemental Permit Information  
Form Section 5, Page 2

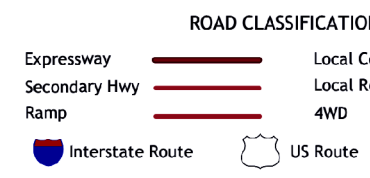
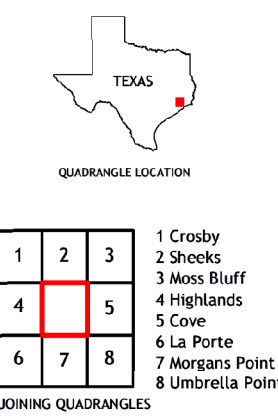
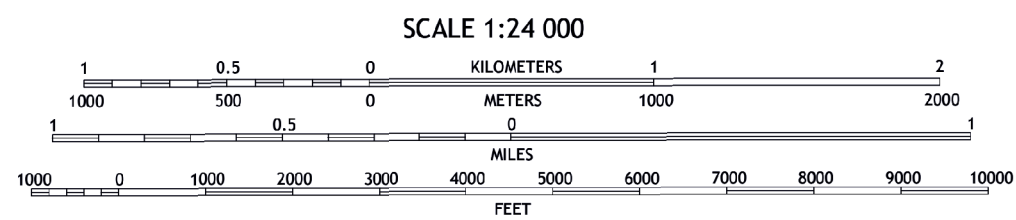
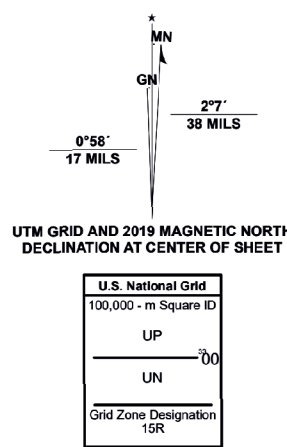
Date: April 2025 Proj. No: 14179-00 Exhibit No: 4A



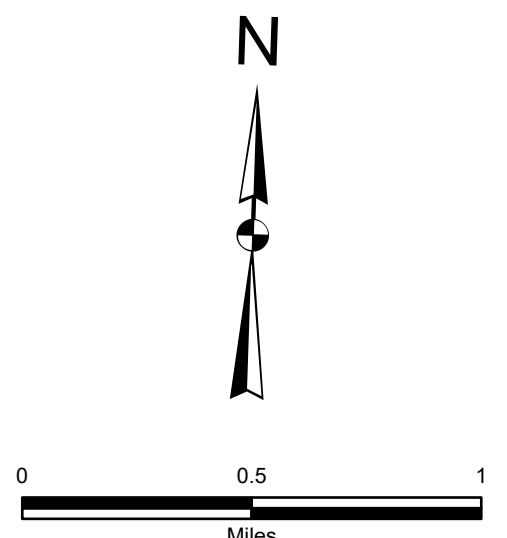
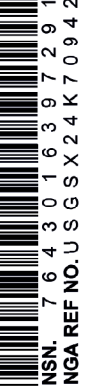


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Roads.....U.S. Census Bureau, 2015 - 2019  
Names.....GNS, 1979 - 2022  
Hydrography.....National Hydrography Dataset, 2003 - 2018  
Contours.....National Elevation Dataset, 2010  
Boundaries.....see metadata file, 2019 - 2021  
Wetlands.....FWS National Wetlands Inventory Not Available



**MONT BELVIEU, TX**  
2022



- Discharge Point
- 3 Miles Downstream
- Applicant Boundary (WWTP Site)
- ▨ Detention Basins and RCP System
- Service Area
- WWTP 1 Mile Radius

**Goose Creek Commerce Center, LP**  
**Goose Creek Logistics Center WWTP**

**BGE** BGE, Inc.  
10777 Westheimer, Suite 400, Houston TX 77042  
Tel: 281-558-8700 Fax: 281-558-9701  
www.bgeinc.com

**TPDES Preliminary Application**

USGS Quad Map Corresponds to Domestic  
Administrative Report 1.0, Section 13, Page 10  
and Supplemental Permit Information  
Form Section 5, Page 2

Date: April 2025 Proj. No: 14179-00 Exhibit No: 4B



## **Attachment 5 – Affected Downstream Land Owner Map and Information**

Corresponds to Domestic Administrative Report 1.1, Section 1, Page 12







## Attachment 5 – Affected Downstream Landowners List

Corresponds to Domestic Administrative Report 1.1, Section 1, Page 12

Tract Label	Owner Name	Mail Address
1	MISSOURI PACIFIC RAILROAD COMPANY	MISSOURI PACIFIC RAILROAD COMPANY 1400 DOUGLAS ST STOP 1640 OMAHA, NE 68179-1001
2	BINDY LP	BINDY LP PO BOX 9125 LIBERTY, TX 77575-2825
3	CURRENT OWNER	CURRENT OWNER 3804 E WALLISVILLE RD BAYTOWN, TX 77521-9554
4	MULLEN AUTUMN D	MULLEN AUTUMN D 1101 DEER VALLEY DR FRIENDSWOOD, TX 77546-1440
5	BROWN DANA L	BROWN DANA L 8215 JOHN MARTIN RD BAYTOWN, TX 77521-8365
6	ABIDING FAITH BAPTIST CHURCH OF BAYTOWN	ABIDING FAITH BAPTIST CHURCH OF BAYTOWN 8203 JOHN MARTIN RD BAYTOWN, TX 77521-8365
7	RETZER ROBERT L & TAMMY L	RETZER ROBERT L & TAMMY L 8200 JOHN MARTIN RD BAYTOWN, TX 77521-9714
8	MARTINEZ VALENTIN	MARTINEZ VALENTIN 8128 JOHN MARTIN RD BAYTOWN, TX 77521-8876
9	MARINO STELLA M	MARINO STELLA M 7939 TEJAS ST BAYTOWN, TX 77521-8588
10	COLVIN CAROL ANNETE	COLVIN CAROL ANNETE 7935 TEJAS ST BAYTOWN, TX 77521-8588
11	CAMPBELL PHILLIP L & MARY	CAMPBELL PHILLIP L & MARY 7931 TEJAS ST BAYTOWN, TX 77521-8588
12	BOCANEGRA JESUS	BOCANEGRA JESUS 7927 TEJAS ST BAYTOWN, TX 77521
13	GARRETT SYPHFRONIA	GARRETT SYPHFRONIA 7923 TEJAS ST BAYTOWN, TX 77521-8588
14	MOORE BRENT A	MOORE BRENT A 7919 TEJAS ST BAYTOWN, TX 77521-8588

15	CONTRERAS FRANCISCO	CONTRERAS FRANCISCO 7915 TEJAS ST BAYTOWN, TX 77521-8588
16	PROBST LARRY I	PROBST LARRY I 7911 TEJAS ST BAYTOWN, TX 77521-8588
17	HOUCHINS JAMES S & LOLLIE	HOUCHINS JAMES S & LOLLIE 7907 TEJAS ST BAYTOWN, TX 77521-8588
18	JONES PHILIP J	JONES PHILIP J 7903 TEJAS ST BAYTOWN, TX 77521-8588
19	FRANCIS ANTONUS & CHERYL	FRANCIS ANTONUS & CHERYL 7831 TEJAS ST BAYTOWN, TX 77521-8587
20	TREJO ISIDRO	TREJO ISIDRO 7827 TEJAS ST BAYTOWN, TX 77521-8587
21	CONTRERAS ANGELA M	CONTRERAS ANGELA M 7823 TEJAS ST BAYTOWN, TX 77521-8587
22	BURBANK ANTHONY	BURBANK ANTHONY 7819 TEJAS ST BAYTOWN, TX 77521-8587
23	SINGLETON-FRANCIS VIRGINIA & JOHN	SINGLETON-FRANCIS VIRGINIA & JOHN 7815 TEJAS ST BAYTOWN, TX 77521-8587
24	PARKER VALERIE S	PARKER VALERIE S 3027 STAMFORD HILL LN HOUSTON, TX 77047
25	ANCHONDO LUIS R	ANCHONDO LUIS R 7807 TEJAS ST BAYTOWN, TX 77521-8587
26	STRICKLAND RICK C	STRICKLAND RICK C 7803 TEJAS ST BAYTOWN, TX 77521-8587
27	MEADOW LAKE VILLAGE HOMEOWNERS ASSN	MEADOW LAKE VILLAGE HOMEOWNERS ASSN PO BOX 1583 MONT BELVIEU, TX 77580-1583
28	NUNEZ JOSE TRINIDAD & ALICIA	NUNEZ JOSE TRINIDAD & ALICIA 7631 SHOSHONE DR BAYTOWN, TX 77521-9780
29	SV & SONS LLC	SV & SONS LLC 7603 HAMPDEN CT SUGAR LAND, TX 77479-2792
30	BK JOHN MARTIN LTD	BK JOHN MARTIN LTD 3700 BUFFALO SPEEDWAY STE 400 HOUSTON, TX 77098

31	CITY OF BAYTOWN	CITY OF BAYTOWN PO BOX 2805 BAYTOWN, TX 77522-2805
32	TEXAS DEPARTMENT OF TRANSPORTATION	TEXAS DEPARTMENT OF TRANSPORTATION PARCEL 1 (IH 10) PO BOX 1386 HOUSTON, TX 77251-1386
33	COUNTY OF HARRIS	COUNTY OF HARRIS PO BOX 1525 HOUSTON, TX 77251-1525

MISSOURI PACIFIC RAILROAD COMPANY  
1400 DOUGLAS ST STOP 1640  
OMAHA, NE 68179-1001

CURRENT OWNER  
3804 E WALLISVILLE RD  
BAYTOWN, TX 77521-9554

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7815 TEJAS ST  
BAYTOWN, TX 77521-8587



SINGLETON-FRANCIS VIRGINIA & JOHN  
7815 TEJAS ST  
BAYTOWN, TX 77521-8587

STRICKLAND RICK C  
7803 TEJAS ST  
BAYTOWN, TX 77521-8587

NUNEZ JOSE TRINIDAD & ALICIA  
7631 SHOSHONE DR  
BAYTOWN, TX 77521-9780

SINGLETON-FRANCIS VIRGINIA & JOHN  
7815 TEJAS ST  
BAYTOWN, TX 77521-8587

STRICKLAND RICK C  
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BAYTOWN, TX 77521-8587

NUNEZ JOSE TRINIDAD & ALICIA  
7631 SHOSHONE DR  
BAYTOWN, TX 77521-9780

PARKER VALERIE S  
3027 STAMFORD HILL LN  
HOUSTON, TX 77047

STRICKLAND RICK C  
7803 TEJAS ST  
BAYTOWN, TX 77521-8587

SV & SONS LLC  
7603 HAMPDEN CT  
SUGAR LAND, TX 77479-2792

PARKER VALERIE S  
3027 STAMFORD HILL LN  
HOUSTON, TX 77047

STRICKLAND RICK C  
7803 TEJAS ST  
BAYTOWN, TX 77521-8587

SV & SONS LLC  
7603 HAMPDEN CT  
SUGAR LAND, TX 77479-2792

PARKER VALERIE S  
3027 STAMFORD HILL LN  
HOUSTON, TX 77047

MEADOW LAKE VILLAGE HOMEOWNERS ASSN  
PO BOX 1583  
MONT BELVIEU, TX 77580-1583

SV & SONS LLC  
7603 HAMPDEN CT  
SUGAR LAND, TX 77479-2792

PARKER VALERIE S  
3027 STAMFORD HILL LN  
HOUSTON, TX 77047

MEADOW LAKE VILLAGE HOMEOWNERS ASSN  
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SV & SONS LLC  
7603 HAMPDEN CT  
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ANCHONDO LUIS R  
7807 TEJAS ST  
BAYTOWN, TX 77521-8587

MEADOW LAKE VILLAGE HOMEOWNERS ASSN  
PO BOX 1583  
MONT BELVIEU, TX 77580-1583

BK JOHN MARTIN LTD  
3700 BUFFALO SPEEDWAY STE 400  
HOUSTON, TX 77098

ANCHONDO LUIS R  
7807 TEJAS ST  
BAYTOWN, TX 77521-8587

MEADOW LAKE VILLAGE HOMEOWNERS ASSN  
PO BOX 1583  
MONT BELVIEU, TX 77580-1583

BK JOHN MARTIN LTD  
3700 BUFFALO SPEEDWAY STE 400  
HOUSTON, TX 77098

ANCHONDO LUIS R  
7807 TEJAS ST  
BAYTOWN, TX 77521-8587

NUNEZ JOSE TRINIDAD & ALICIA  
7631 SHOSHONE DR  
BAYTOWN, TX 77521-9780

BK JOHN MARTIN LTD  
3700 BUFFALO SPEEDWAY STE 400  
HOUSTON, TX 77098

ANCHONDO LUIS R  
7807 TEJAS ST  
BAYTOWN, TX 77521-8587

NUNEZ JOSE TRINIDAD & ALICIA  
7631 SHOSHONE DR  
BAYTOWN, TX 77521-9780

BK JOHN MARTIN LTD  
3700 BUFFALO SPEEDWAY STE 400  
HOUSTON, TX 77098

CITY OF BAYTOWN  
PO BOX 2805  
BAYTOWN, TX 77522-2805

COUNTY OF HARRIS  
PO BOX 1525  
HOUSTON, TX 77251-1525

CITY OF BAYTOWN  
PO BOX 2805  
BAYTOWN, TX 77522-2805

COUNTY OF HARRIS  
PO BOX 1525  
HOUSTON, TX 77251-1525

CITY OF BAYTOWN  
PO BOX 2805  
BAYTOWN, TX 77522-2805

CITY OF BAYTOWN  
PO BOX 2805  
BAYTOWN, TX 77522-2805

TEXAS DEPARTMENT OF TRANSPORTATION  
PARCEL 1 (IH 10)  
PO BOX 1386  
HOUSTON, TX 77251-1386

TEXAS DEPARTMENT OF TRANSPORTATION  
PARCEL 1 (IH 10)  
PO BOX 1386  
HOUSTON, TX 77251-1386

TEXAS DEPARTMENT OF TRANSPORTATION  
PARCEL 1 (IH 10)  
PO BOX 1386  
HOUSTON, TX 77251-1386

TEXAS DEPARTMENT OF TRANSPORTATION  
PARCEL 1 (IH 10)  
PO BOX 1386  
HOUSTON, TX 77251-1386

COUNTY OF HARRIS  
PO BOX 1525  
HOUSTON, TX 77251-1525

COUNTY OF HARRIS  
PO BOX 1525  
HOUSTON, TX 77251-1525

**Attachment 6 – Original Site Photographs**  
Corresponds to Domestic Administrative Report 1.1, Section 2, Page 13

# Attachment 6 - Original Site Photographs

Corresponds to Domestic Administrative Report 1.1, Section 2, Page 13

Outfall into Detention Location  
(inaccessible)  
29.81529722°N 95.00698333°W

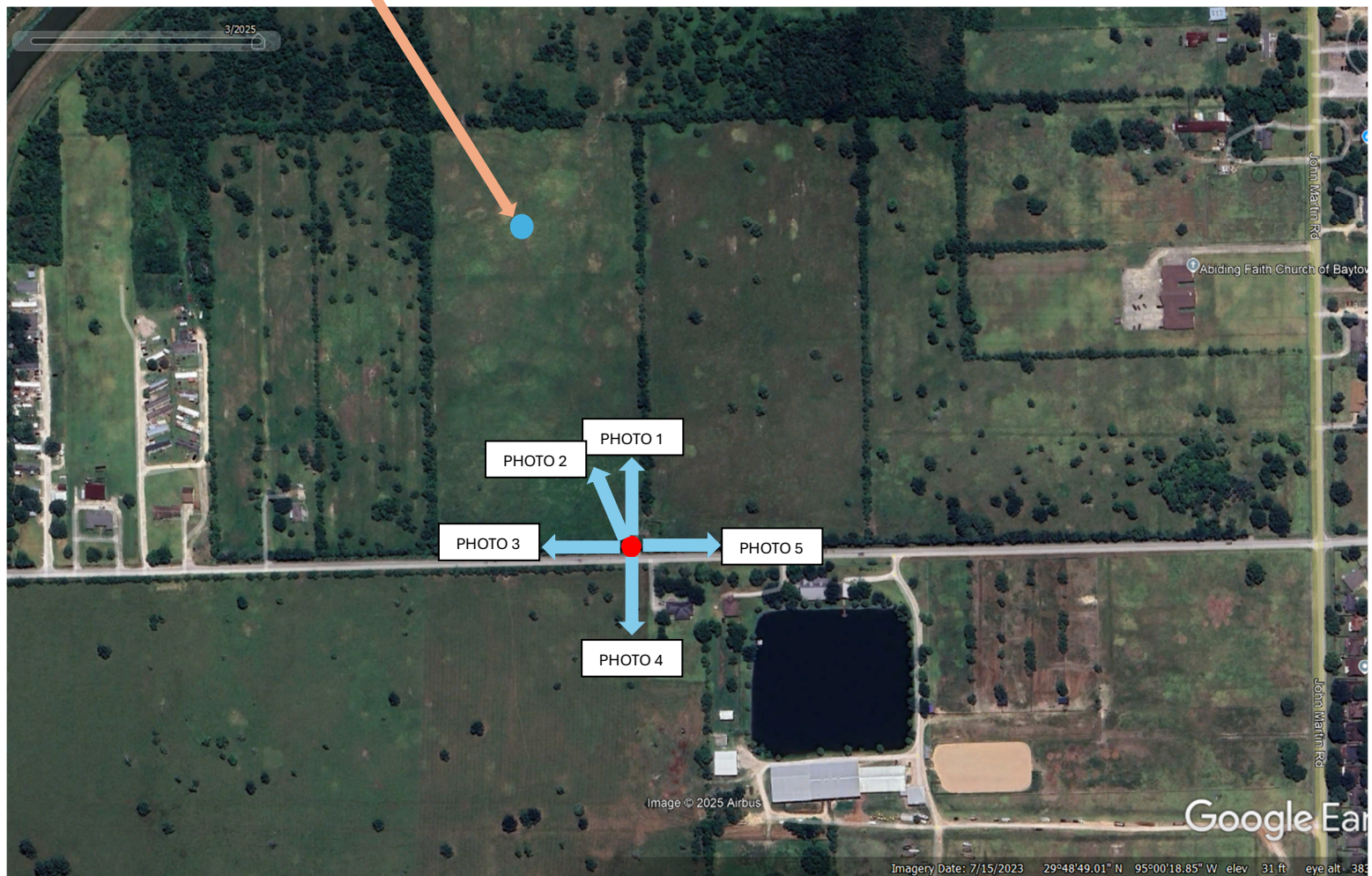




PHOTO 1





PHOTO 2





PHOTO 3





PHOTO 4





PHOTO 5



## **Attachment 7 – Buffer Zone Map**

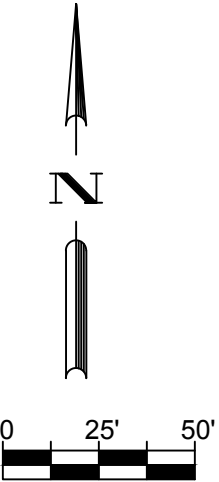
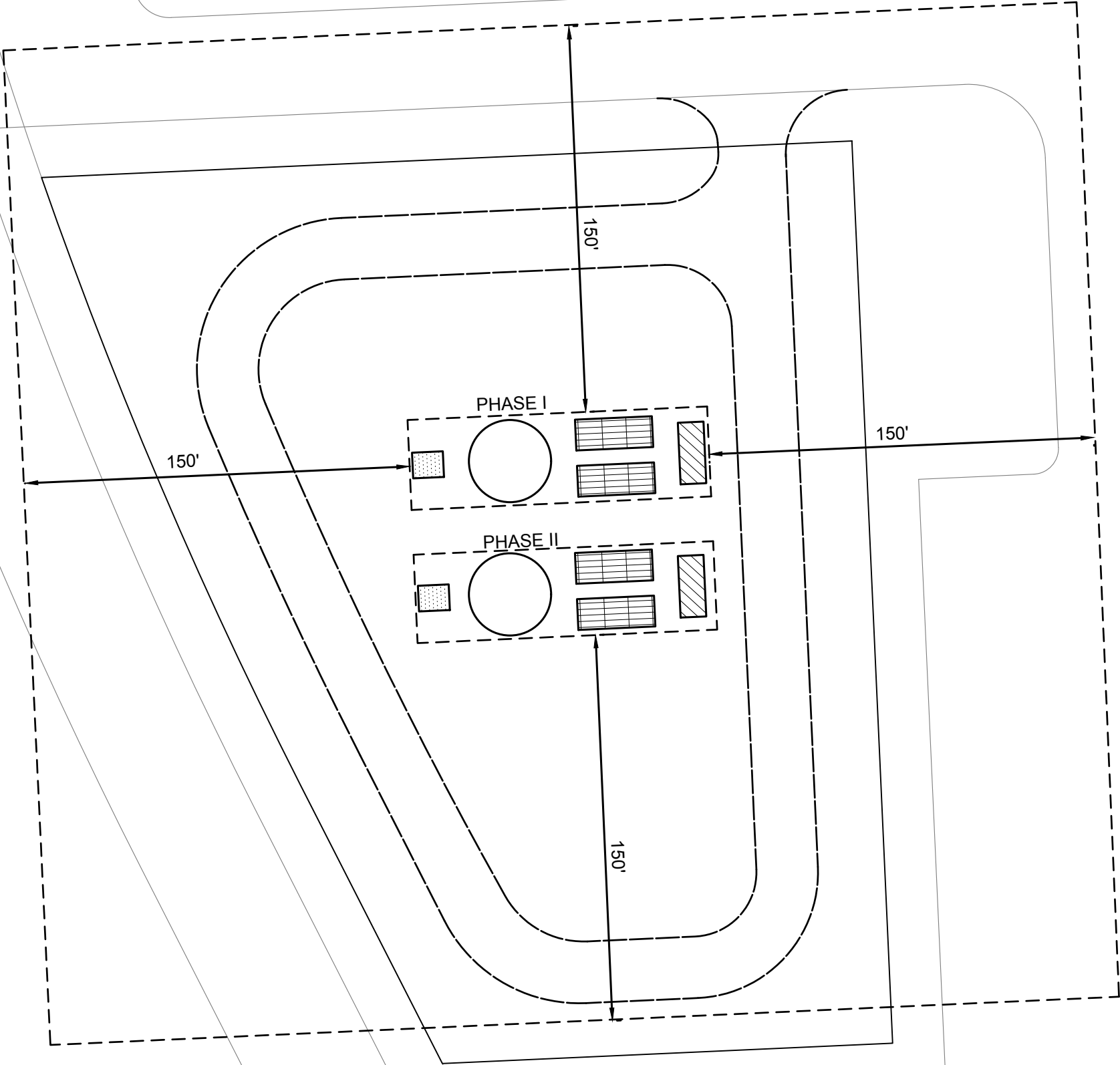
Corresponds to Domestic Administrative Report 1.1, Section 3, Page 13







FUTURE ROADWAY

FUTURE ROADWAY

BLDG 2B



LEGEND

-  CLARIFIER
-  AERATION
-  DIGESTER
-  CHLORINE CONTACT

GOOSE CREEK COMMERCE CENTER, LP

**BGE, Inc.**  
10777 Westheimer, Suite 400, Houston, TX 77042  
Tel: 281-558-8700 • www.bgeinc.com  
TBPE Registration No. F-1046

NEW TPDES PERMIT

**BUFFER ZONE MAP**  
(CORRESPONDS TO DOMESTIC ADMINISTRATIVE  
REPORT 1.1, SECTION 3, PAGE 13)

DATE: FEB. 2025	PROJECT #: 14179-00	EXHIBIT: 7
--------------------	------------------------	---------------

## **Attachment 8 – Supplemental Permit Information Form**

Corresponds to Domestic Administrative Report 1.1, Page 14

# 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: Goose Creek Commerce Center, LP

Permit No. WQ00 \_\_\_\_\_

EPA ID No. TX \_\_\_\_\_

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

Proposed site location is in Harris County, approximately 0.5 miles northwest of the intersection of John Martin Rd and Battlebell Rd.

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

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

First and Last Name: Shiann Hernandez

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

Title: Project Manager

Mailing Address: 10777 Westheimer Rd Ste 400

City, State, Zip Code: Houston, TX 77042

Phone No.: 713-488-8391 Ext.:

Fax No.:

E-mail Address: shernandez@bgeinc.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.

N/A

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

Facility wastewater will outfall into a future detention basin system consisting of three future detention basins connected by underground RCPs, from which it will then outfall via RCP into Goose Creek (Segment ID 2426A) approximately 0.71 miles downstream of the initial outfall into detention.

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):

The proposed plant site will be approximately 2.03 acres.

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

The plant site will be cleared. Site is currently a grassy field site used for agriculture.

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

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

N/A. The area has been agriculture with some homes since the 1940s.

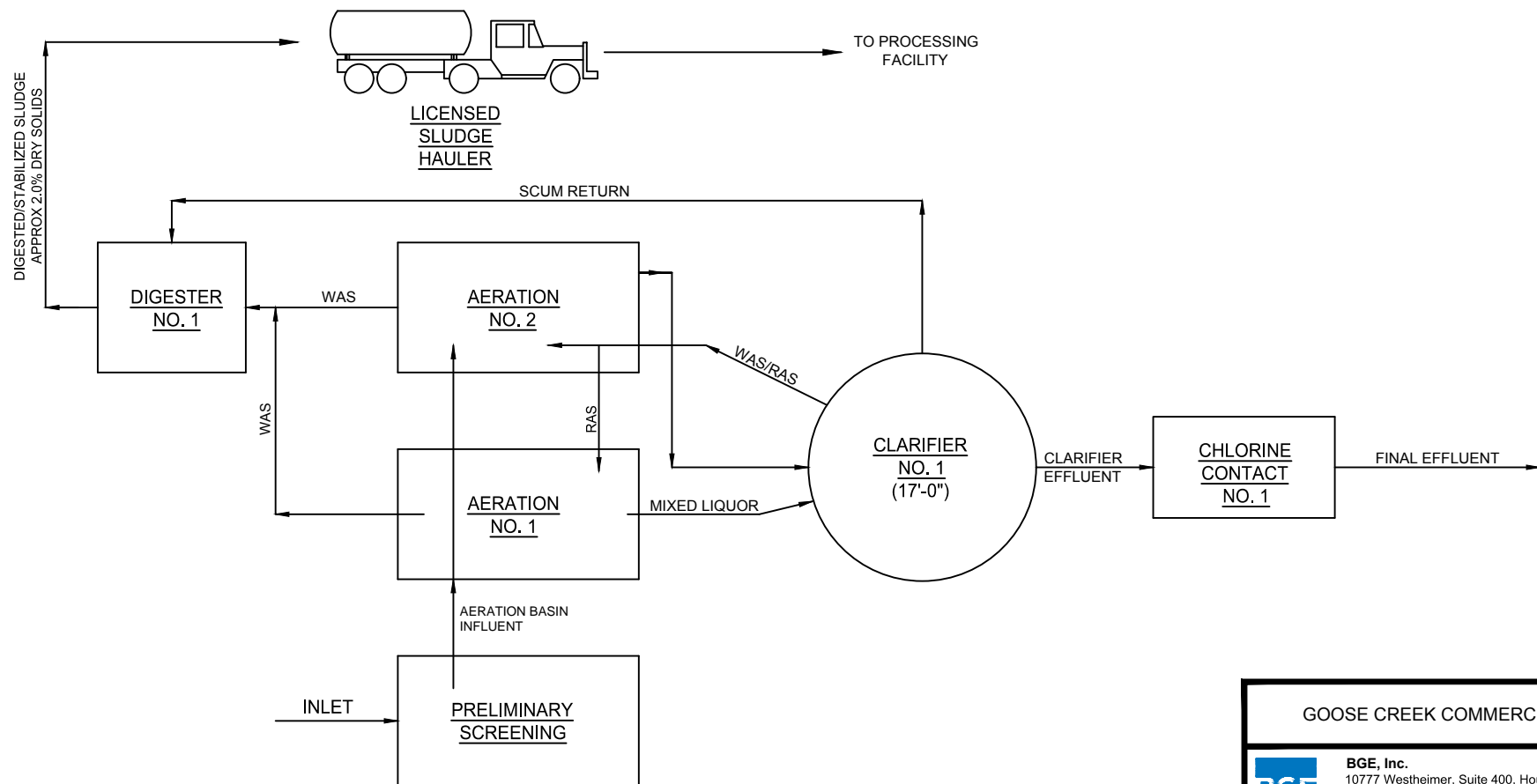
4. Provide a brief history of the property, and name of the architect/builder, if known.


Project site development name is Goose Creek Logistics Center. The site is currently undeveloped.

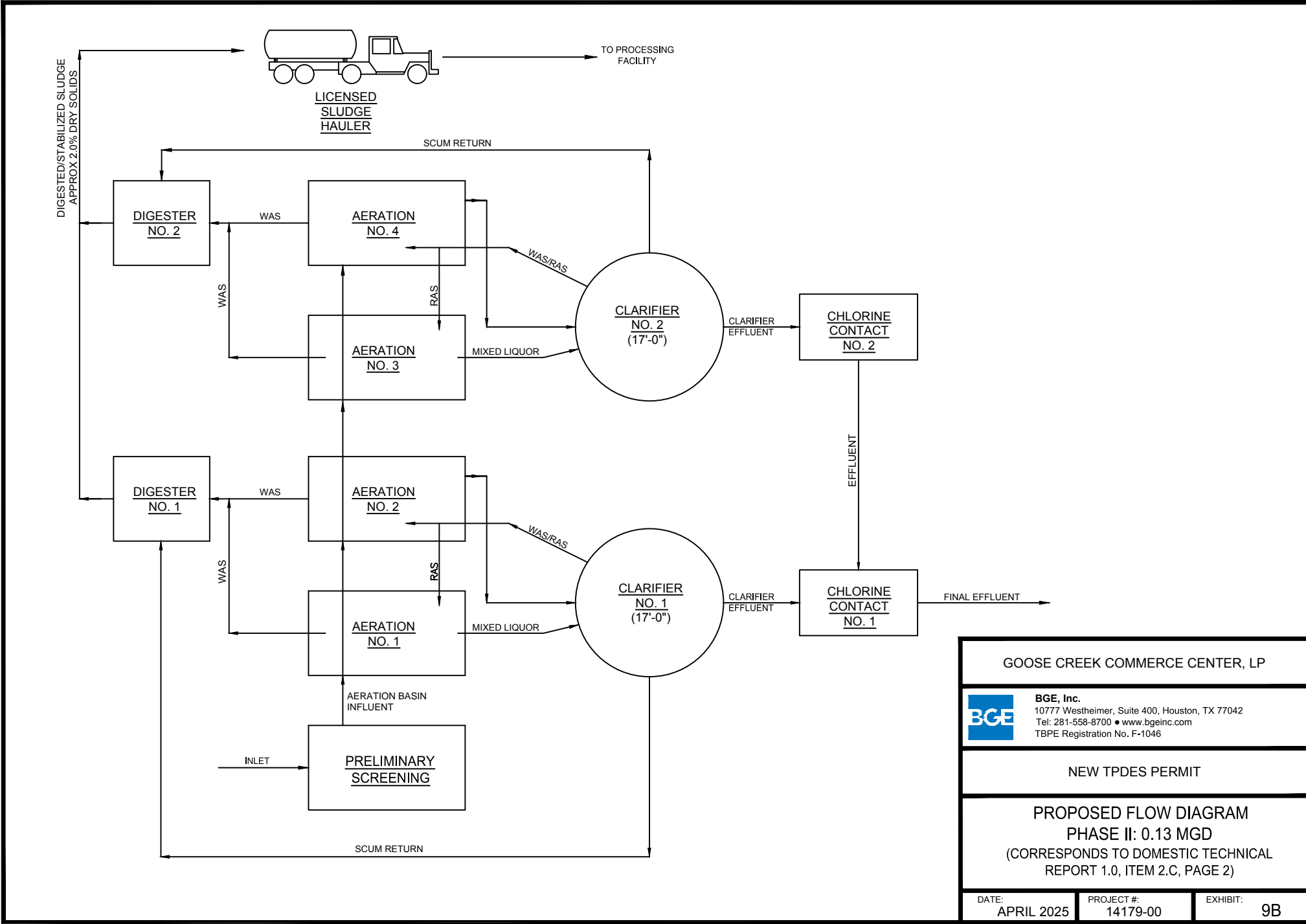
## **Attachment 9 – Process Flow Diagrams**

Corresponds to Domestic Technical Report 1.0, Section 2.c, Page 2





GOOSE CREEK COMMERCE CENTER, LP		
	<b>BGE, Inc.</b> 10777 Westheimer, Suite 400, Houston, TX 77042 Tel: 281-558-8700 • www.bgeinc.com TBPE Registration No. F-1046	
NEW TPDES PERMIT		
PROPOSED FLOW DIAGRAM PHASE I: 0.065 MGD (CORRESPONDS TO DOMESTIC TECHNICAL REPORT 1.0, ITEM 2.C, PAGE 2)		
DATE: APRIL 2025	PROJECT #: 14179-00	EXHIBIT: 9A

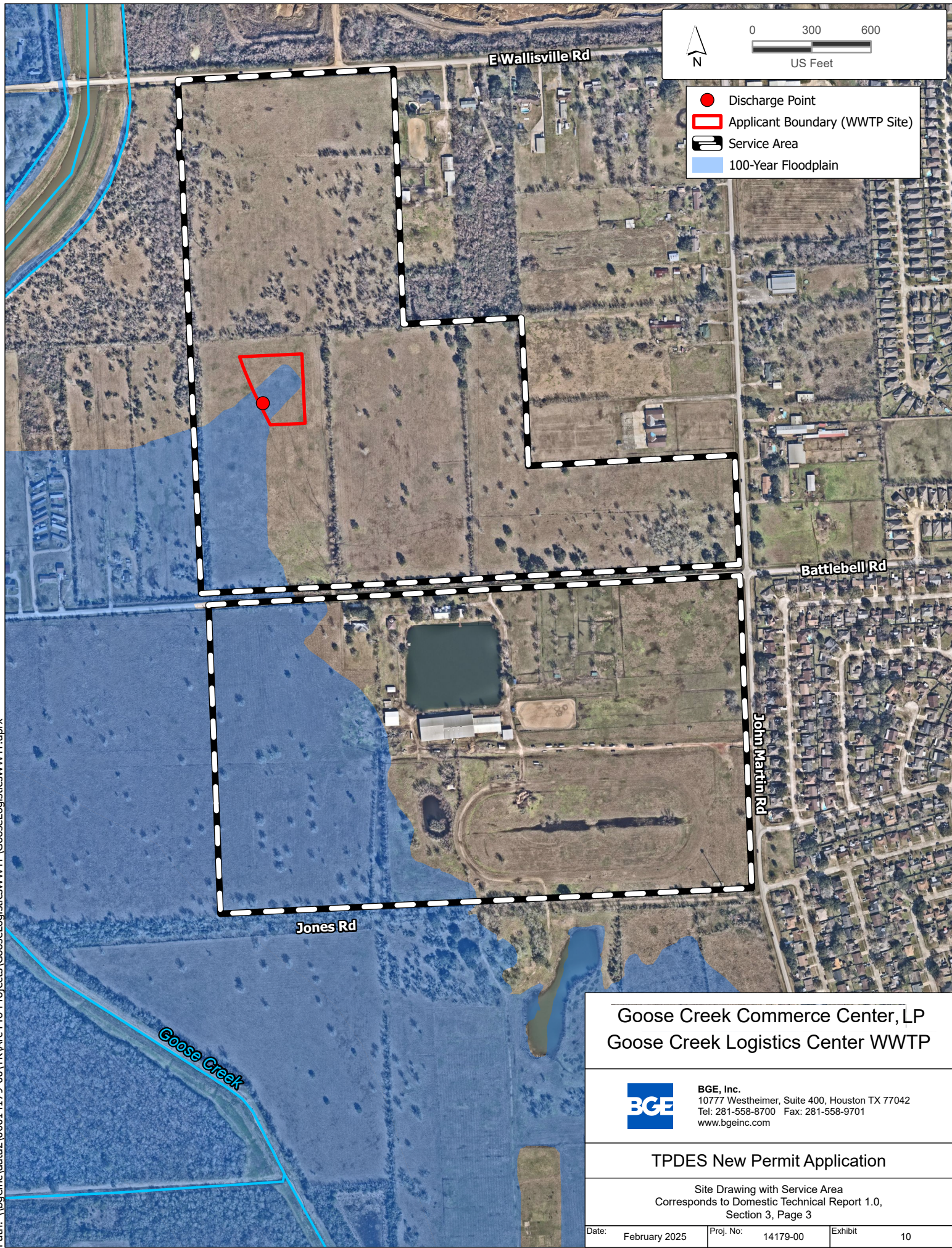


## **Attachment 10 – Site Drawing with Service Area**

Corresponds to Domestic Technical Report 1.0, Section 3, Page 3



Path: \\bgeinc\data2\00014179-00\TK\Arc Pro Projects\GooseLogisticsWWTP\GooseLogisticsWWTP.aprx



Goose Creek Commerce Center, LP  
Goose Creek Logistics Center WWTP



**BGE, Inc.**  
10777 Westheimer, Suite 400, Houston TX 77042  
Tel: 281-558-8700 Fax: 281-558-9701  
www.bgeinc.com

TPDES New Permit Application

Site Drawing with Service Area  
Corresponds to Domestic Technical Report 1.0,  
Section 3, Page 3

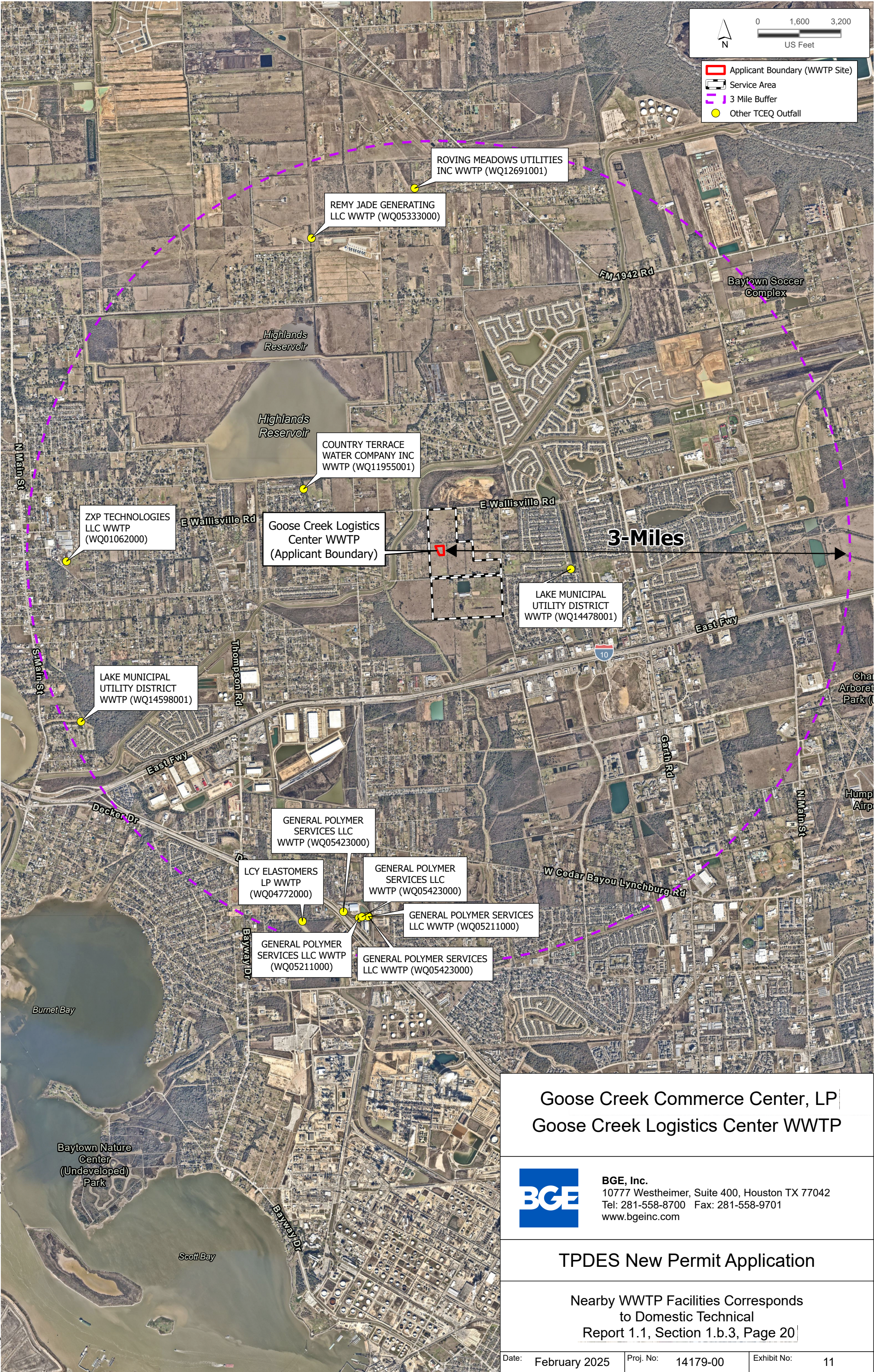


## **Attachment 11 – Nearby WWTP Facilities**

Corresponds to Domestic Technical Report 1.1, Section 1.b.3, Page 20



Path: \\bgeinc\data2\00014179-00\TKArc Pro Projects\GooseLogistics\WWTP\GooseLogistics\WWTP.aprx



## Goose Creek Commerce Center, LP Goose Creek Logistics Center WWTP



**BGE, Inc.**  
10777 Westheimer, Suite 400, Houston TX 77042  
Tel: 281-558-8700 Fax: 281-558-9701  
www.bgeinc.com

### TPDES New Permit Application

Nearby WWTP Facilities Corresponds  
to Domestic Technical  
Report 1.1, Section 1.b.3, Page 20



## Attachment 11 – Nearby WWTP Facilities

Corresponds to Domestic Technical Report 1.1, Section 1.b.3, Page 20

Facility Name	Permit Number	Contacted?	Reason If No
Roving Meadows Utilities, Inc.	WQ0012691001	N	Daily average flow lower than applicant's requested effluent
ZXP Technologies, Inc.	WQ0001062000	N	Not a domestic WWTP facility
Lake Municipal Utility District	WQ0014598001	Y	--
Country Terrace Water Company, Inc.	WQ0011955001	Y	--
Lake Municipal Utility District	WQ0014478001	Y	--
LCY Elastomers, LP	WQ0004772000	N	Not a domestic WWTP facility
General Polymer Services, LLC	WQ0005211000, Outfall 001	N	Not a domestic WWTP facility
General Polymer Services, LLC	WQ0005211000, Outfall 002	N	Not a domestic WWTP facility
General Polymer Services, LLC	WQ0005423000, Outfall 001	N	Not a domestic WWTP facility
General Polymer Services, LLC	WQ0005423000, Outfall 101	N	Not a domestic WWTP facility
General Polymer Services, LLC	WQ0005423000, Outfalls 002 & 003	N	Not a domestic WWTP facility
Remy Jade Generating, LLC	WQ0005333000	N	Not a domestic WWTP facility



March 19, 2025

Vikki Nowling, Owner  
Country Terrace Water Company, Inc.  
P.O. Box 1018  
Highlands, TX 77562

Re: Country Terrace Water Company, Inc. WWTP, TPDES Permit No. WQ0011955001  
TPDES Wastewater Treatment Plant Application Requirement for Goose Creek Logistics Center

Dear Ms. Nowling,

BGE, Inc. is submitting a TPDES application on behalf of Goose Creek Logistics Center for the construction of a wastewater treatment plant (WWTP) to serve an ultimate average flow of 0.130 million gallons per day. The application requires all applicants to correspond with all WWTPs and sanitary sewer collection systems within a three-mile radius of the wastewater service area to determine if one or more have the necessary collection system and plant capacity to accept the proposed increase in flow.

As part of this application, I am requesting a response from the plant representative stating whether or not your facility has unused capacity to provide the proposed Goose Creek Logistics Center with wastewater treatment service (in lieu of the proposed WWTP). The wastewater service area is located adjacent to and west of the intersection of Battlebell Rd and John Martin Rd.

Your response to this request on or before **April 2, 2025** would be greatly appreciated. Responses can be sent by email to [shernandez@bgeinc.com](mailto:shernandez@bgeinc.com) or by regular mail, at my attention, to 10777 Westheimer Blvd Suite 400, Houston, TX 77042. If you have any questions regarding this matter, contact me at (713) 488-8391. Thank you for your attention to this important matter.

Sincerely,

Shiann Hernandez, P.E.  
Project Manager

☐ YES, there is capacity available to serve the proposed plant.

☒ NO, there is not enough capacity available to serve the proposed plant.

\_\_\_\_\_  
Signature

3-25-25  
Date

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March 19, 2025

Linda Mason, Board Director  
Lake Municipal Utility District  
c/o Bacon, Wallace & Philbin, LLP  
6363 Woodway Dr Ste 800  
Houston, TX 77057

Re: Lake Municipal Utility District WWTPs 1 and 2, TPDES Permit No. WQ0014478001 and Permit No. WQ0014598001  
TPDES Wastewater Treatment Plant Application Requirement for Goose Creek Logistics Center

Dear Ms. Mason,

BGE, Inc. is submitting a TPDES application on behalf of Goose Creek Logistics Center for the construction of a wastewater treatment plant (WWTP) to serve an ultimate average flow of 0.130 million gallons per day. The application requires all applicants to correspond with all WWTPs and sanitary sewer collection systems within a three-mile radius of the wastewater service area to determine if one or more have the necessary collection system and plant capacity to accept the proposed increase in flow.

As part of this application, I am requesting a response from the plant representative(s) stating whether or not your facilities have unused capacity to provide the proposed Goose Creek Logistics Center with wastewater treatment service (in lieu of the proposed WWTP). The wastewater service area is located adjacent to and west of the intersection of Battlebell Rd and John Martin Rd.

Your response to this request on or before **April 2, 2025** would be greatly appreciated. Responses can be sent by email to [shernandez@bgeinc.com](mailto:shernandez@bgeinc.com) or by regular mail, at my attention, to 10777 Westheimer Blvd Suite 400, Houston, TX 77042. If you have any questions regarding this matter, contact me at (713) 488-8391. Thank you for your attention to this important matter.

Sincerely,

A handwritten signature in black ink that reads "Shiann Hernandez".

Shiann Hernandez, P.E.  
Project Manager

\_\_\_\_\_ **YES, there is capacity available to serve the proposed plant.**

\_\_\_\_\_ **NO, there is not enough capacity available to serve the proposed plant.**

\_\_\_\_\_  
**Signature**

\_\_\_\_\_  
**Date**

7021 2720 0003 0073 3175

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\$	
Extra Services & Fees (check box, add fee as appropriate)	
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<input type="checkbox"/> Return Receipt (electronic)	\$
<input type="checkbox"/> Certified Mail Restricted Delivery	\$
<input type="checkbox"/> Adult Signature Required	\$
<input type="checkbox"/> Adult Signature Restricted Delivery	\$
Postage	
\$	
Total Postage and Fees	
\$	

Delivered  
3-24-25  
Postmark  
Here

Sent To	Vicki Noulting
Street and Apt. No., or PO Box No.	Donny Terrace water D.
P.O. Box No.	P.O. Box 1013
City, State, ZIP+4®	Highlands B 77542

7021 2720 0003 0073 3182

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<input type="checkbox"/> Return Receipt (electronic)	\$ _____
<input type="checkbox"/> Certified Mail Restricted Delivery	\$ _____
<input type="checkbox"/> Adult Signature Required	\$ _____
<input type="checkbox"/> Adult Signature Restricted Delivery	\$ _____

Postage \$ \_\_\_\_\_

Total Postage and Fees \$ \_\_\_\_\_

**Sent to**  
Linda Mason  
c/o Bea Wallace, Philan UP

**Postmark Here**  
Houston TX 77057

**3-20-25**

**SHIAN**  
**Hester**

**Sent to**  
6343 Woodward Dr # 800  
Houston TX 77057

**Street and Apt. No., or PO Box No.**

**City, State, ZIP+4<sup>®</sup>**

**SENDER: COMPLETE THIS SECTION**

■ Complete Items 1, 2, and 3.  
■ Print your name and address on the reverse so that we can return the card to you.  
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:  
Linda Mason Board Dir  
Lake Municipal Utility District  
c/o Bea Wallace, Philan UP  
6343 Woodward Dr # 800  
Houston TX 77057

  
9590 9402 7898 2234 0098 91

2. Article Number (Transfer from service label)  
7021 2720 0003 0073 3182

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature  
☒ Agent  
☐ Addressee  
X *Bea Wallace*

B. Received by (Printed Name)  
*Bea Wallace*

C. Date of Delivery  
*3/22/25*

D. Is delivery address different from item 1? ☐ Yes  
If YES, enter delivery address below: ☐ No

3. Service Type  
☐ Adult Signature  
☐ Adult Signature Restricted Delivery  
☐ Certified Mail<sup>®</sup>  
☐ Certified Mail Restricted Delivery  
☐ Collect on Delivery  
☐ Collect on Delivery Restricted Delivery

☐ Priority Mail Express<sup>®</sup>  
☐ Registered Mail<sup>TM</sup>  
☐ Registered Mail Restricted Delivery  
☒ Signature Confirmation<sup>TM</sup>  
☐ Signature Confirmation Restricted Delivery

☐ Mail Restricted Delivery (0)

Tracking Number:

**70212720000300733175**



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Your item was picked up at the post office at 1:30 pm on March 24, 2025 in HIGHLANDS, TX 77562.

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**Delivered, Individual Picked Up at Post Office**

HIGHLANDS, TX 77562

March 24, 2025, 1:30 pm

[See All Tracking History](#)

[What Do USPS Tracking Statuses Mean?](#)

Tracking Number:

**70212720000300733182**



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**Delivered, Left with Individual**

HOUSTON, TX 77057

March 22, 2025, 4:04 pm

[See All Tracking History](#)

[What Do USPS Tracking Statuses Mean?](#)

## **Attachment 12 – Design Calculations**

Corresponds to Domestic Technical Report 1.1, Section 4, Page 22



## Attachment 12 - Design Calculations

Corresponds to Domestic Technical Report 1.1, Section 4, Page 22

### Phase 1:

#### 1. Influent Flow

Average Daily Flow	0.065 mgd
2-hour Peak Flow	0.26 mgd
Influent BOD	300 mg/l

$$\begin{aligned}\text{Solids Loading} & \quad 163 \text{ lb BOD}_5/\text{day} \\ & 300\text{mg/l} \times 0.065\text{mgd} \times 8.34 = 163\text{lbBOD}_5/\text{day}\end{aligned}$$

#### 2. Aeration Basins

Design criteria allow a maximum BOD<sub>5</sub> loading of 35 lb BOD<sub>5</sub>/day per 1,000 cu ft of capacity.

$$\frac{1000\text{cu. ft}}{35 \frac{\text{lb. BOD}_5}{\text{day}}} \times 163 \frac{\text{lb. BOD}_5}{\text{day}} = 4,647\text{cu. ft}$$

Two (2) aeration basins, each with an area of 225 sq ft x 10.50 ft SWD.

$$\begin{aligned}225\text{sq. ft} \times 10.50\text{ft} &= 2,362.5\text{cu. ft} \\ 2\text{units} \times 2,362.5 \text{ cu. ft} &= 4,725\text{cu. ft}\end{aligned}$$

#### 3. Clarifier

Design requirements are 1,200 gal per day per sq ft at peak flow.

$$\frac{260,000\text{gal/day}}{1200 \frac{\text{gal/day}}{\text{sq. ft}}} = 217\text{sq. ft}$$

There is one (1) clarifier, 227 sq ft x 12ft SWD.

$$\begin{aligned}227\text{sq. ft} \times 12\text{ft} &= 2,724\text{cu. ft} \\ 1\text{unit} \times 2,724\text{cu. ft} &= 2,724 \text{ cu. ft}\end{aligned}$$

#### 4. Chlorine Contact Basin

Design requirements are 20 minutes contact time at peak flow (gpm).

$$\frac{20 \text{ min} \times \frac{260,000 \text{ gpd}}{1440 \frac{\text{min}}{\text{day}}}}{7.48 \frac{\text{gal}}{\text{cu. ft}}} = 483 \text{ cu. ft}$$

There is one (1) chlorine contact basin, 54 sq ft x 9.5 ft SWD.

$$\begin{aligned} 54 \text{ sq. ft} \times 9.5 \text{ ft} &= 513 \text{ cu. ft} \\ 1 \text{ unit} \times 513 \text{ cu. ft} &= 513 \text{ cu. ft} \end{aligned}$$

#### 5. Aerobic Digesters

Design criteria require digester basins to be sized based on 15 day solids retention time.

Total Solids Loading to Digester:

$$0.065 \text{ MGD} \times 1.0 \frac{\text{lb}}{\text{lb}} \times 300 \frac{\text{mg}}{\text{l}} \times 8.34 \frac{\text{cu. ft}}{\text{gal}} = 162.6 \frac{\text{lb}}{\text{day}}$$

VSS Loading to Digesters:

$$0.7 \times 162.6 \frac{\text{lb}}{\text{day}} = 113.8 \frac{\text{lb}}{\text{day}}$$

Non-Volatile Solids:

$$162.6 \frac{\text{lb}}{\text{day}} - 113.8 \frac{\text{lb}}{\text{day}} = 48.8 \frac{\text{lb}}{\text{day}}$$

Volatile Solids Required:

$$113.8 \frac{\text{lb}}{\text{day}} \times 0.3 = 34 \frac{\text{lb}}{\text{day}}$$

Solids Capacity Required:

$$(113.8 \frac{\text{lb}}{\text{day}} + 48.8 \frac{\text{lb}}{\text{day}} - 34 \frac{\text{lb}}{\text{day}}) \times 15 \text{ days} = 1,927 \text{ lbs}$$

Total Digester Capacity Required:

$$1,927 \text{ lbs} / 0.02 / 8.34 \frac{\text{lb}}{\text{gal}} / 7.48 \frac{\text{gal}}{\text{cu. ft.}} = 1,545 \text{ cu. ft.}$$

There is one (1) digester, with an area of 150 sq ft x 10.5 ft SWD.

$$\begin{aligned} 150 \text{ sq. ft} \times 10.5 \text{ ft} &= 1,575 \text{ cu. ft} \\ 1 \text{ unit} \times 1,575 \text{ cu. ft} &= 1,575 \text{ cu. ft} \end{aligned}$$

## Attachment 12 - Design Calculations

Corresponds to Domestic Technical Report 1.1, Section 4, Page 22

### Phase 2:

#### 1. Influent Flow

Average Daily Flow	0.13 mgd
2-hour Peak Flow	0.52 mgd
Influent BOD	300 mg/l

$$\begin{aligned} \text{Solids Loading} & \quad 325 \text{ lb BOD}_5/\text{day} \\ & 300\text{mg/l} \times 0.13\text{mgd} \times 8.34 = 325\text{lbBOD}_5/\text{day} \end{aligned}$$

#### 2. Aeration Basins

Design criteria allow a maximum BOD<sub>5</sub> loading of 35 lb BOD<sub>5</sub>/day per 1,000 cu ft of capacity.

$$\frac{1000\text{cu. ft}}{35 \frac{\text{lb. BOD}_5}{\text{day}}} \times 325 \frac{\text{lb. BOD}_5}{\text{day}} = 9,293\text{cu. ft}$$

Four (4) aeration basins, each with an area of 225 sq ft x 10.50 ft SWD.

$$\begin{aligned} 225\text{sq. ft} \times 10.50\text{ft} &= 2,362.5\text{cu. ft} \\ 4\text{units} \times 2,362.5 \text{ cu. ft} &= 9,450\text{cu. ft} \end{aligned}$$

#### 3. Clarifier

Design requirements are 1,200 gal per day per sq ft at peak flow.

$$\frac{520,000\text{gal/day}}{1200 \frac{\text{gal/day}}{\text{sq. ft}}} = 433\text{sq. ft}$$

There are two (2) clarifiers, 227 sq ft x 12ft SWD.

$$\begin{aligned} 227\text{sq. ft} \times 12\text{ft} &= 2,724\text{cu. ft} \\ 2\text{units} \times 2,724\text{cu. ft} &= 5,448 \text{ cu. ft} \end{aligned}$$

#### 4. Chlorine Contact Basin

Design requirements are 20 minutes contact time at peak flow (gpm).

$$\frac{20 \text{ min} \times \frac{520,000 \text{ gpd}}{1440 \frac{\text{min}}{\text{day}}}}{7.48 \frac{\text{gal}}{\text{cu. ft}}} = 966 \text{ cu. ft}$$

There are two (2) chlorine contact basins, 54 sq ft x 9.5 ft SWD.

$$\begin{aligned} 54 \text{ sq. ft} \times 9.5 \text{ ft} &= 513 \text{ cu. ft} \\ 2 \text{ units} \times 513 \text{ cu. ft} &= 1,026 \text{ cu. ft} \end{aligned}$$

#### 5. Aerobic Digesters

Design criteria require digester basins to be sized based on 15 day solids retention time.

Total Solids Loading to Digester:

$$0.13 \text{ MGD} \times 1.0 \frac{\text{lb}}{\text{lb}} \times 300 \frac{\text{mg}}{\text{l}} \times 8.34 \frac{\text{cu. ft}}{\text{gal}} = 325.3 \frac{\text{lb}}{\text{day}}$$

VSS Loading to Digesters:

$$0.7 \times 325.3 \frac{\text{lb}}{\text{day}} = 227.7 \frac{\text{lb}}{\text{day}}$$

Non-Volatile Solids:

$$325.3 \frac{\text{lb}}{\text{day}} - 227.7 \frac{\text{lb}}{\text{day}} = 97.6 \frac{\text{lb}}{\text{day}}$$

Volatile Solids Required:

$$227.7 \frac{\text{lb}}{\text{day}} \times 0.3 = 68 \frac{\text{lb}}{\text{day}}$$

Solids Capacity Required:

$$(227.7 \frac{\text{lb}}{\text{day}} + 97.6 \frac{\text{lb}}{\text{day}} - 68 \frac{\text{lb}}{\text{day}}) \times 15 \text{ days} = 3,854 \text{ lbs}$$

Total Digester Capacity Required:

$$3,854 \text{ lbs} / 0.02 / 8.34 \frac{\text{lb}}{\text{gal}} / 7.48 \frac{\text{gal}}{\text{cu. ft.}} = 3,089 \text{ cu. ft.}$$

There are two (2) digesters, with an area of 150 sq ft x 10.5 ft SWD.

$$\begin{aligned} 150 \text{ sq. ft} \times 10.5 \text{ ft} &= 1,575 \text{ cu. ft} \\ 2 \text{ units} \times 1,575 \text{ cu. ft} &= 3,150 \text{ cu. ft} \end{aligned}$$

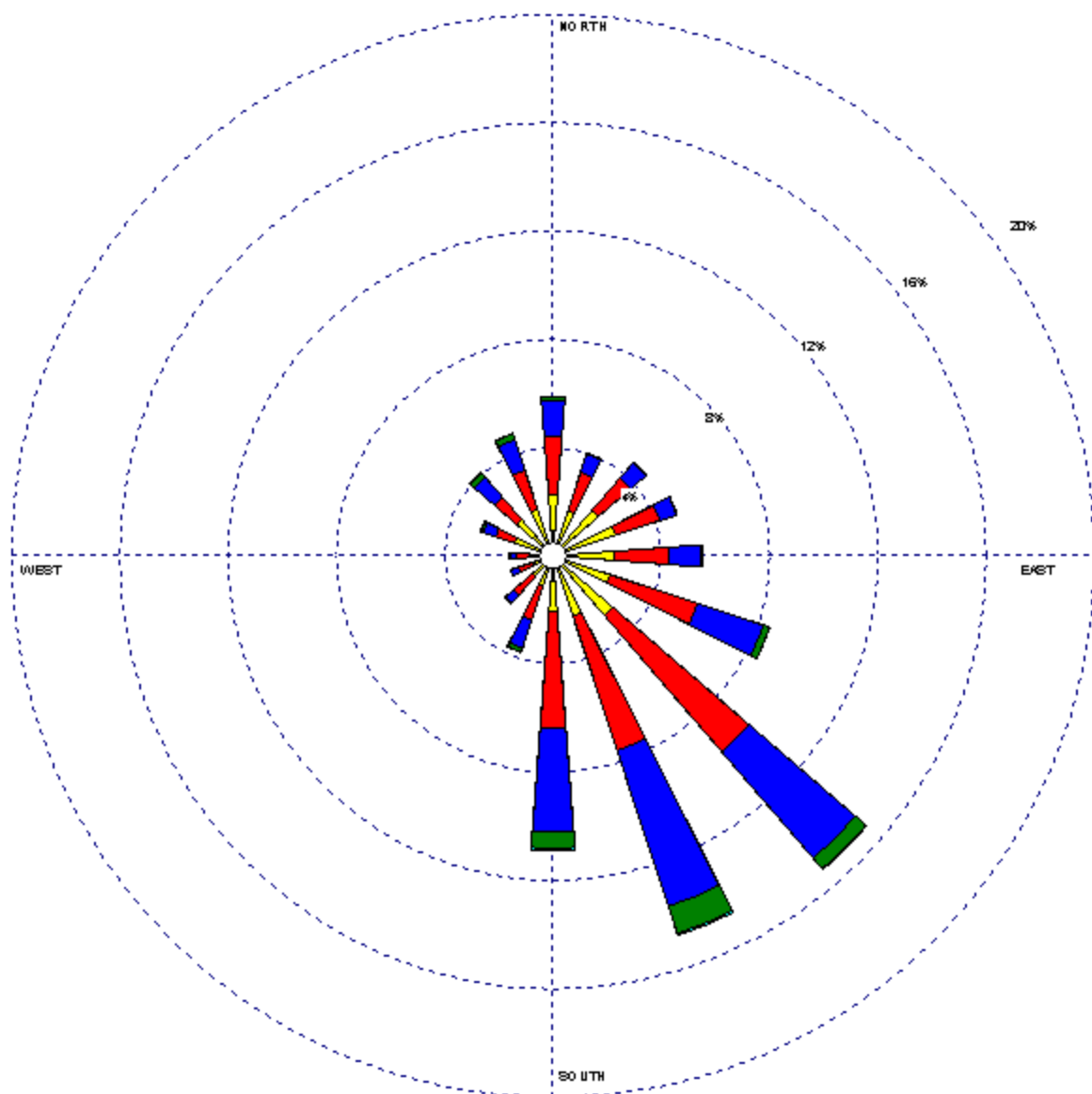
## **Attachment 13 – Wind Rose**

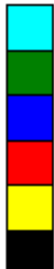
Corresponds to Domestic Technical Report 1.1, Section 5.b, Page 23



## WIND ROSE PLOT

Station #12960 - HOUSTON/INTERCONTINENTAL ARPT, TX



<b>Wind Speed (m/s)</b> 	MODELER	DATE	COMPANY NAME
	Sara West	8/29/2002	USDA-ARS
	DISPLAY	UNIT	COMMENTS
	Wind Speed	m/s	
	AVG. WIND SPEED	CALM WINDS	
	4.63 m/s	4.65%	
	ORIENTATION	PLOT YEAR-DATETIME	
	Direction (blowing from)	1961 Apr 1 - Apr 30 Midnight - 11 PM	

## **Attachment 14 – Sludge Solids Management Plan**

Corresponds to Domestic Technical Report 1.1, Section 7, Page 23

## Attachment 14 – Sludge Solids Management Plan

Corresponds to Domestic Technical Report 1.1, Section 7, Page 23

### 1. Dimensions of all sewage sludge treatment units

Phase I: 0.065 mgd – digestion  
1 – 15 ft. x 10 ft. x 10.5 ft.  
1,575 cu. ft. total capacity

Phase II: 0.13 mgd – digestion  
2 – 15 ft. x 10 ft. x 10.5 ft.  
3,150 cu. ft. total capacity

Influent BOD Concentration = 300 mg/L

### 2. Calculation of solids generated at Q, 0.25Q, 0.5Q, 0.75Q

#### Phase I: **0.065 mgd**

<b>Solids Generated</b>	<b>100% flow</b>	<b>75% flow</b>	<b>50% flow</b>	<b>25% flow</b>
Pounds Influent BOD <sub>5</sub>	163	122	81	41
Pounds of digested dry sludge produced*	57	43	28	14
Pounds of wet sludge produced	2,846	2,135	1,423	712
Gallons of wet sludge produced	341	256	171	85

\*Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD<sub>5</sub> at average temperatures and 2.0% solids concentration in the digester.

#### Phase II: **0.13 mgd**

<b>Solids Generated</b>	<b>100% flow</b>	<b>75% flow</b>	<b>50% flow</b>	<b>25% flow</b>
Pounds Influent BOD <sub>5</sub>	325	244	163	81
Pounds of digested dry sludge produced*	114	85	57	28
Pounds of wet sludge produced	5,692	4,269	2,846	1,423
Gallons of wet sludge produced	683	512	341	171

3. Operating Range for mixed liquor suspended solids (MLSS) in the treatment process are:

The plant will be operated in the single-stage nitrification mode. The expected operating range for the MLSS will be 2,000 to 3,000 mg/l.

4. Description of procedure and method of solids removal:

After organic reduction and sludge stabilization occurs in the digesters, sludge will be removed by a TCEQ registered hauler to a TCEQ registered/ permitted land applications/ disposal site. The disposal site has not yet been determined.