



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

1. Resumen en lenguaje sencillo (PLS, por sus siglas en inglés) de la actividad propuesta
 - Inglés
 - Idioma alternativo (español)
2. Primer aviso (NORI, el Aviso de Recepción de Solicitud e Intención de Obtener un Permiso)
 - Inglés
 - Idioma alternativo (español)
3. Solicitud original



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Fort Bend County Municipal Utility District No. 134A (CN603653288) operates Fort Bend County Municipal Utility District No. 134A WWTP No. 1 (RN104956511), a wastewater treatment plant. The facility is located at 1706 Madden Road, in Richmond, Fort Bend County, Texas 77407. This is an application for a TPDES permit to increase the permitted flow from 0.6 MGD to 0.96 MGD.

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 is treated by an activated sludge process treatment facility. The treatment units include a bar screen, aeration basins, final clarifiers, sludge digesters, filters and a chlorine contact basin that will be treated by Chlorine.

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /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.

Fort Bend County Municipal Utility District No. 134A (CN603653288) opera Fort Bend County Municipal Utility District No. 134A WWTP No. 1 (RN104956511), una planta de tratamiento de aguas residuales. La instalación está ubicada en 1706 Madden Road, en la ciudad de Richmond, Condado de Fort Bend County, Texas 77407. Esta solicitud es para un permiso TPDES para aumentar el flujo permitido de 0.6 MGD a 0.96 MGD.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno de cinco días (CBOD₅ por sus siglas en inglés), sólidos suspendidos totales (TSS por sus siglas en inglés), nitrógeno amoniacal (NH₃-N), y Escherichia Coli. Las aguas residuales de uso doméstico. están tratado por una planta con un sistema de lodos activados que incluye un contenedor con rejillas, tanques aerobicos, un tanques de clarificador, tanques de digestión, filtros, y un tanque de contacto de cloro.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0014715001

APPLICATION. Fort Bend County Municipal Utility District No. 134A, c/o Coats Rose, 9 Greenway Plaza, Suite 1000, Houston, Texas 77046, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014715001 (EPA I.D. No. TX0128791) to authorize an increase of the discharge of treated wastewater to a volume not to exceed a daily average flow of 960,000 gallons per day. The domestic wastewater treatment facility is located at 1706 Madden Road, in the city of Richmond, in Fort Bend County, Texas 77407. The discharge route is from the plant site to Red Gully, thence to Upper Oyster Creek. TCEQ received this application on November 18, 2025. The permit application will be available for viewing and copying at Sugar Land Branch Library, behind reference desk, 550 Eldridge Road, Sugar Land, Texas prior to the date this notice is published in the newspaper. The application is available for viewing and copying at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.694166,29.665555&level=18>

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public

interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application.** If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <https://www14.tceq.texas.gov/epic/eComment/>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Fort Bend County Municipal Utility District No. 134A at the address stated above or by calling Mrs. Margaret Gillentine, P.E., Program Manager, LJA, Engineering, Inc, at 713-953-5100.

Issuance Date: December 15, 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 MODIFICACION

PERMISO NO. WQ0014715001

SOLICITUD. Fort Bend County Municipal Utility District No. 134A, c/o Coats Rose, 9 Greenway Plaza, Suite 1000, Houston, Texas 77046, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para modificar el Permiso No. WQ0014715001 (EPA I.D. No. TX 0128791) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar un aumento en la descarga de aguas residuales tratadas a un volumen que no supere un caudal promedio diario de 960,000 galones por día. La planta está ubicada 1706 Madden Road, en la ciudad de Richmond, en el Condado de Fort Bend County, Texas 77407. La ruta de descarga es del sitio de la planta a hasta Red Gully, y de allí hasta Upper Oyster Creek. La TCEQ recibió esta solicitud el November 18, 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Sugar Land Branch Library, atrás de el escritotio de referencia 550 Eldridge Road, Sugar Land, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud está disponible para su visualización y copia en la siguiente página web: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.694166,29.665555&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. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

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

También se puede obtener información adicional del Fort Bend County Municipal Utility District No. 134A a la dirección indicada arriba o llamando a Mrs. Margaret Gillentine, P.E., Program Manager, LJA, Engineering, Inc, al 713-953-5100.

Fecha de emisión: 15 de diciembre de 2025



PERMIT APPLICATION

WASTEWATER TREATMENT PLANT

TO SERVE

FORT BEND COUNTY

MUNICIPAL UTILITY DISTRICT

NO. 134A – WWTP 1

FORT BEND COUNTY, TEXAS

LJA Job No. 1882-2501

November 2025

Prepared by:
LJA Engineering, Inc
3600 W. Sam Houston Parkway S., Suite 600
Houston, TX 77042
713-953-5200
FRN F-1386



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Fort Bend County MUD No. 134 A

PERMIT NUMBER (If new, leave blank): WQ0014715001

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

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

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____

Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

Transaction Information

Voucher Number: 794891
Trace Number: 582EA000696035
Date: 11/18/2025 03:59 PM
Payment Method: CC - Authorization 0000018980
Voucher Amount: \$1,600.00
Fee Type: WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS
ePay Actor: SARAH VELEZ
Actor Email: svelez@lja.com
IP: 209.133.67.114

Payment Contact Information

Name: SARAH VELEZ
Company: LJA ENGINEERING
Address: 3600 W SAM HOUSTON PKWY ST 600, HOUSTON, TX 77042
Phone: 713-341-8093

Site Information

RN: RN104956511
Site Name: FBCMUD 134A
Site Location: 1706 MADDEN ROAD FORT BEND COUNTY TX 77407

Customer Information

CN: CN603653288
Customer Name: FBCMUD 134A
Customer Address: 9 GREENWAY PLAZA SUITE 1000, HOUSTON, TX 77046

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Print this voucher for your records. If you are sending the TCEQ hardcopy documents related to this payment, include a copy of this voucher.

Transaction Information

Voucher Number: 794892
Trace Number: 582EA000696035
Date: 11/18/2025 03:59 PM
Payment Method: CC - Authorization 0000018980
Voucher Amount: \$50.00
Fee Type: 30 TAC 305.53B WQ NOTIFICATION FEE
ePay Actor: SARAH VELEZ
Actor Email: svelez@lja.com
IP: 209.133.67.114

Payment Contact Information

Name: SARAH VELEZ
Company: LJA ENGINEERING
Address: 3600 W SAM HOUSTON PKWY ST 600, HOUSTON, TX 77042
Phone: 713-341-8093

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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 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 checked="" 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: N/A

Check/Money Order Amount: N/A

Name Printed on Check: N/A

EPAY Voucher Number: 794891 & 794892

Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

- | | |
|--|---|
| <input type="checkbox"/> New | |
| <input type="checkbox"/> Major Amendment <u>with</u> Renewal | <input type="checkbox"/> Minor Amendment <u>with</u> Renewal |
| <input checked="" type="checkbox"/> Major Amendment <u>without</u> Renewal | <input type="checkbox"/> Minor Amendment <u>without</u> Renewal |
| <input type="checkbox"/> Renewal without changes | <input type="checkbox"/> Minor Modification of permit |

e. For amendments or modifications, describe the proposed changes: Increase the permitted flow from 0.6 MGD to 0.96 MGD

f. For existing permits:

Permit Number: WQ00 14715001

EPA I.D. (TPDES only): TX 0128791

Expiration Date: 04/24/2030

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?

Fort Bend County Municipal Utility District No.134A

(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: 603653288

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: Muller, Larry W.

Title: President

Credential: Click to enter text.

B. Co-applcant 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-applcant 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: Velez, Sarah

Title: Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 3600 W Sam Houston Parkway S, Suite 600
TX 77042

City, State, Zip Code: Houston,

Phone No.: 713-341-8093

E-mail Address: svelez@lja.com

Check one or both:



Administrative Contact



Technical Contact

B. Prefix: Ms.

Last Name, First Name: Kusumo, Rachel

Title: Graduate Engineer

Credential: Click to enter text.

Organization Name: LJA Engineering, Inc.

Mailing Address: 3600 W Sam Houston Parkway S, Suite 600
TX 77042

City, State, Zip Code: Houston,

Phone No.: 281-674-1170

E-mail Address: rkusumo@lja.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: Velez, Sarah

Title: Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc

Mailing Address: 3600 W Sam Houston Parkway S, Suite 600
TX 77042

City, State, Zip Code: Houston,

Phone No.: 713-341-8093

E-mail Address: svelez@lja.com

B. Prefix: Ms.

Last Name, First Name: Kusumo, Rachel

Title: Graduate Engineer

Credential: Click to enter text.

Organization Name: LJA Engineering, Inc

Mailing Address: 3600 W Sam Houston Parkway S, Suite 600
TX 77042

City, State, Zip Code: Houston,

Phone No.: 281-674-1170

E-mail Address: rkusumo@lja.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: Loggins, Debra

Title: Bookkeeper

Credential: Click to enter text.

Organization Name: L&S District Services, LLC

Mailing Address: PO Box 80

City, State, Zip Code: Tomball, TX 77377-0080

Phone No.: 281-356-7542

E-mail Address: debraloggins@gmail.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: Mendez, Ricardo

Title: Operator

Credential: Wastewater Treatment Operator B

Organization Name: Inframark LLC

Mailing Address: 10431 Westmoor Rd

City, State, Zip Code: Richmond, TX 77407-9508

Phone No.: 281-579-4500

E-mail Address: Click to enter text.

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms.

Last Name, First Name: Kusumo, Rachel

Title: Graduate Engineer

Credential: Click to enter text.

Organization Name: LJA Engineering, Inc

Mailing Address: 3600 W Sam Houston Parkway S, Suite 600
TX 77042

City, State, Zip Code: Houston,

Phone No.: 281-674-1170

E-mail Address: rkusumo@lja.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: Mrs.

Last Name, First Name: Gillentine, Margaret

Title: Program Manager

Credential: P.E.

Organization Name: LJA, Engineering, Inc

Mailing Address: 3600 W Sam Houston Parkway S, Suite 600
Tx 77042

City, State, Zip Code: Houston,

Phone No.: 713-953-5100

E-mail Address: mgillentine@lja.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: Sugar Land Branch Library

Location within the building: Behind Reference Desk

Physical Address of Building: 550 Eldridge Rd.

City: Sugar Land

County: Fort Bend

Contact (Last Name, First Name): Mary Hulse

Phone No.: 281-238-2140 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

☒ Yes

☐ No

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

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?
☒ Yes ☐ No
3. Do the students at these schools attend a bilingual education program at another location?
☐ Yes ☒ No
4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?
☐ Yes ☒ No
5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? Spanish

F. Summary of Application in Plain Language Template

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

Attachment: 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 104956511

Search the TCEQ's Central Registry at <http://www15.tceq.texas.gov/crpub/> to determine if the site is currently regulated by TCEQ.

- B. Name of project or site (the name known by the community where located):

Fort Bend County MUD No. 134A WWTP No. 1

- C. Owner of treatment facility: Fort Bend County Municipal Utility District No. 134A

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: Fort Bend County Municipal Utility District No. 134A

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: 9 Greenway Plaza, Suite 1000

City, State, Zip Code: Houston, TX 77046

Phone No.: 713-651-0220

E-mail Address: Click to enter text.

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

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

E. Owner of effluent disposal site:

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

Last Name, First Name: [Click to enter text.](#)

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

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

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

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

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

Phone No.: [Click to enter text.](#)

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

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

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

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

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

Last Name, First Name: [Click to enter text.](#)

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

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

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

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

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

Phone No.: [Click to enter text.](#)

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

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

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

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒

Yes

☐

No

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

[Click to enter text.](#)

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

☒

Yes

☐

No

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

[Click to enter text.](#)

City nearest the outfall(s): Richmond

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

- 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?

☐ Yes ☐ No

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

[Click to enter text.](#)

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

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

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

[Click to enter text.](#)

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

Click to enter text.

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

☐ Yes ☒ No

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

- D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

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

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

- E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

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

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

Section 13. Attachments (Instructions Page 33)

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

- ☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- ☒ Original full-size USGS Topographic Map with the following information:
- Applicant's property boundary
 - Treatment facility boundary
 - Labeled point of discharge for each discharge point (TPDES only)
 - Highlighted discharge route for each discharge point (TPDES only)
 - Onsite sewage sludge disposal site (if applicable)
 - Effluent disposal site boundaries (TLAP only)
 - New and future construction (if applicable)
 - 1 mile radius information
 - 3 miles downstream information (TPDES only)
 - All ponds.
- ☐ Attachment 1 for Individuals as co-applicants
- ☐ Other Attachments. Please specify: [Click to enter text.](#)

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0014715001

Applicant: Fort Bend County Municipal Utility District No. 134A

Certification:

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

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

Signatory name (typed or printed): Larry W. Muller

Signatory title: President

Signature: _____

(Use blue ink)

Date: _____

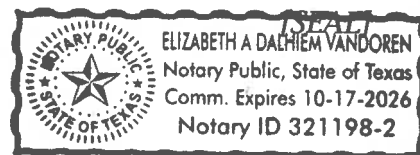
8.7.25

Subscribed and Sworn to before me by the said Larry Muller

on this 7th day of August, 20 25.

My commission expires on the 10 day of October, 20 26.

Elizabeth A. Daldem Vandoren
Notary Public



Harris
County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☒ The applicant's property boundaries
 - ☒ The facility site boundaries within the applicant's property boundaries
 - ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☐ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. ☒ Indicate by a check mark that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).
- D. Provide the source of the landowners' names and mailing addresses: Fort Bend 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.

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes ☐ No

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

This form applies to TPDES permit applications only. (Instructions, Page 53)

Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely.

Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: Fort Bend County MUD No. 134A

Permit No. WQ00 14715001EPA ID No. TX 0128791

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

1706 Madden Road, Fort Bend County, TX 77407

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): Mrs.

First and Last Name: Ashley Broughton

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

Title: Senior Project Manager

Mailing Address: 3600 W Sam Houston Parkway S, Suite 600

City, State, Zip Code: Houston, TX 77042

Phone No.: 713-380-4431 Ext.: Fax No.: 713-380-4431

E-mail Address:

2. List the county in which the facility is located: Fort Bend
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 discharges through a pipe to Red Gully: Thence to Upper Oyster Creek in Segment No. 1245 of the Brazos River basin.

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

There is no proposal construction.

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

The site is an existing wastewater treatment plant.

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:

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

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: 0014715001**

1. Check or Money Order Number: [Click to enter text.](#)
2. Check or Money Order Amount: [Click to enter text.](#)
3. Date of Check or Money Order: [Click to enter text.](#)
4. Name on Check or Money Order: LJA, Engineering, Inc
5. APPLICATION INFORMATION

Name of Project or Site: Fort Bend County MUD No. 134A WWTP No. 1

Physical Address of Project or Site: 1706 Madden Road, Fort Bend County, TX 77407

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

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

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

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

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

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

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

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

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

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

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






For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

**ALIANA WWTP
DISCHARGE PERMIT**
USGS TOPOGRAPHIC MAP
AUGUST 2025

-  POINT OF DISCHARGE
-  DISCHARGE ROUTE
-  APPLICANT PROPERTY
AND WWTP SITE
BOUNDARY
-  OUTFALL 1 MILE BUFFER
-  MEASUREMENT

0 1,000 2,000
FEET



**APPLICANT PROPERTY
AND WWTP SITE
BOUNDARY**

**1-MILE
DOWNSTREAM**

**POINT OF
DISCHARGE**

**3-MILE
DOWNSTREAM**



3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
*(Full-size map if seeking "New" permit.
 8 ½ x 11 acceptable for Renewals and Amendments)*

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

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

Things to Know:

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

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

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

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

Summary of Application (in Plain Language) ☒ Yes

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.60

2-Hr Peak Flow (MGD): 2.40

Estimated construction start date: 3/30/2015

Estimated waste disposal start date: 05/09/2016

Interim II Phase

Design Flow (MGD): N/A

2-Hr Peak Flow (MGD): N/A

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

B. Final Phase

Design Flow (MGD): 0.96

2-Hr Peak Flow (MGD): 3.84

Estimated construction start date: 10/01/2027

Estimated waste disposal start date: 05/01/2029

C. Current Operating Phase

Provide the startup date of the facility: 5/9/16

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

See Attachment 9

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of each treatment unit, accounting for ***all*** phases of operation.

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
See Attachment 10		

C. Process Flow Diagram

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

Attachment: 11

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

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

- Latitude: 29.6655
- Longitude: -95.6943

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: 12

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

The facility serves the northern area of the Aliana development located north of W. Belfort Blvd and east of the Grand Parkway.

Collection System Information for wastewater TPDES permits only: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. Please see the instructions for a detailed explanation and examples.

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
Fort Bend County MUD 134B	Fort Bend County MUD 134B	Publicly Owned	7742
Fort Bend County MUD 134C	Fort Bend County MUD 134C	Publicly Owned	7133
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 44)

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

Steel tanks will be removed in the future; closure plan will be submitted accordingly

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☒ Yes ☐ No

If **yes**, provide the date(s) of approval for each phase: 10/1/07, 6/30/14

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.

Buffer zone requirements are met through ownership and odor abatement

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 BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

[Click to enter text.](#)

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

2. *Acceptance of septic waste*

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☒ Yes ☐ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l	3.51	2.40	8	SM5210	7/14/2025 10:17
Total Suspended Solids, mg/l	<1.00	1.00	2	BIH3529	8/27/2025
Ammonia Nitrogen, mg/l	.339	2.00	4	EPA 350.1	7/9/2025 2:58
Nitrate Nitrogen, mg/l	14.7	1.00	2	EPA300	7/9/2025 6:42
Total Kjeldahl Nitrogen, mg/l	<1.00	1.00	4	SM4500-NH3 C	7/10/2025 12:25
Sulfate, mg/l	<10.0	10.0	2	BIH3450	8/26/2025
Chloride, mg/l	17.4	1.00	3	EPA300	7/9/2025 6:42
Total Phosphorus, mg/l	16.2	0.500	5	EPA 365.1	7/14/2025 4:53
pH, standard units	7.53	1.00	1	SM4500-H+B	7/8/2025 7:35
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l	0.27	.25	1	SM4500-Cl G	7/8/2025 7:35
<i>E.coli</i> (CFU/100ml) freshwater	<1.00	1.00	2	SM9223 B	7/9/2-25 3:55
Enterococci (CFU/100ml) saltwater	<1.00	1.00	2	ASTM D6503-99	7/9/2025 3:10
Total Dissolved Solids, mg/l	<10.0	10.0	3	BIH3523	8/27/2025
Electrical Conductivity, μ mohs/cm, †	624	2.00	4	DUP1 BS2 BLK1	7/9/2025
Oil & Grease, mg/l	40.7	5.00	4	EPA1664	7/11/2025
Alkalinity (CaCO ₃)*, mg/l	66.2	10.0	4	SM2320 B	7/9/2025 10:48

*TPDES permits only

†TLAP permits only

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
pH, standard units	7.53	1.00	1	SM4500-H+B	7/8/2025 7:35
Fluoride, mg/l	<0.250	0.250	6	EPA300	7/8/2025 8:18
Aluminum, mg/l	<0.0300	0.0300	7	EPA 200.7	7/10/2025 6:49
Alkalinity (CaCO ₃), mg/l	66.2	10.0	4	SM2320 B	7/9/2025 12:48

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Ricardo Mendez

Facility Operator's License Classification and Level: Wastewater Treatment Operator B

Facility Operator's License Number: WW0061121

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

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

Check all that apply. See instructions for guidance

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

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting
- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation

- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (>= 2 years)
- ☐ Methane or Biogas Recovery
- ☒ Other Treatment Process: Transported to another permitted wastewater treatment plant or permitted sludge processing facility.

C. Sewage Sludge or Biosolids Management

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Handler or Preparer	Bulk		N/A: Transported to another facility for further processing	N/A: Transported to another facility for further processing
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Transport to another WWTP

D. Disposal site

Disposal site name: K-3 Resources, LP

TCEQ permit or registration number: WQ000445400, WQ000451800, WQ000444500, WQ444800, WQ445000, WQ000522200, WQ0005248000

County where disposal site is located: Waller County

E. Transportation method

Method of transportation (truck, train, pipe, other): Sludge Hauling Commercial Vehicles

Name of the hauler: K-3 Resources, LP

Hauler registration number: 22430

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

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

- Federal Emergency Management Map:

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

- Site map:

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

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

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

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

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

[Click to enter text.](#)

B. Temporary storage information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

[Click to enter text.](#)

D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

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

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

E. Groundwater monitoring

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

☐ Yes ☐ No

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

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

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

A. Additional authorizations

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

☐ Yes ☒ No

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

[Click to enter text.](#)

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

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

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

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

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

Signature: _____

Date: _____

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

Increase the permitted flow from 0.6 MGD to 0.96 MGD due to growth in the development. See Attachment 15 for the growth projections.

B. Regionalization of facilities

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

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

1. Municipally incorporated areas

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

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

☐ Yes ☒ No ☐ Not Applicable

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

If yes, attach correspondence from the city.

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

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

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

2. Utility CCN areas

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

☐ Yes ☒ No

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

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

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

3. *Nearby WWTPs or collection systems*

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

☒ Yes ☐ No

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

Attachment: [Attachment 16](#)

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: [Attachment 17](#)

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

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

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☒ Yes ☐ No

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

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

A. Current organic loading

Facility Design Flow (flow being requested in application): 0.96MGD

Average Influent Organic Strength or BOD₅ Concentration in mg/l: 325

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): 2602

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

Residential & commercial development concentration is based on other similar developments.

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

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

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

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 7

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 2

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

Dissolved Oxygen, mg/l: 4

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.](#)

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: 7

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 2

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

Dissolved Oxygen, mg/l: 4

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

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1.0-4.0 mg/l after 20 minutes detention time at peak flow

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

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

☐ Other: [Click to enter text.](#)

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: [Attachment 18](#)

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

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

☒ Yes ☐ No

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

[Click to enter text.](#)

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

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: [Exhibit 19](#)

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

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

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

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

Attach a solids management plan to the application.

Attachment: [Exhibit 20](#)

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

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

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☒ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: Red Gully

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

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

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

☐ Intermittent - dry for at least one week during most years

☒ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Red Gully

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

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

Hardly noticeable in Red Gully

Date and time of observation: 5/2/2016 2:00 PM

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

☒ Other(s), specify: Area Drainage

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>Area Drainage</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 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☒ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

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

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

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

A. Substantial modifications

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

☐ Yes ☒ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☒ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

Section 3. Significant Industrial User (SIU) Information and

A. General information

Company Name: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

B. Process information

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

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: [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.](#)



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)	<input checked="" type="checkbox"/> Other Major Amendment to WWTP No. 1	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 603653288		RN 104956511

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership <input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Fort Bend County Municipal District No. 134A					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:	c/o Coats Rose				
	9 Greenway Plaza, Suite 1000				
	City	Houston	State	TX	ZIP 77046 ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				tgreen@coatsrose.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(713) 651-0111		() -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input checked="" type="checkbox"/> Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Fort Bend County MUD No. 134A WWTP No. 1								
23. Street Address of the Regulated Entity: (No PO Boxes)	1706 Madden Road							
	City	Richmond	State	TX	ZIP	77407	ZIP + 4	
24. County	Fort Bend							

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

25. Description to Physical Location:								
26. Nearest City					State	Nearest ZIP Code		
Richmond					TX	77407		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:		29.6655			28. Longitude (W) In Decimal:		-95.6943	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
29	39	55.8	95	41	39.4794			
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
4952			22132					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Treatment facility for sewage								
34. Mailing Address:	c/o Coats Rose							
	9 Greenway Plaza, Suite 1000							
	City	Houston	State	TX	ZIP	77046	ZIP + 4	
35. E-Mail Address:		tgreen@coatsrose.com						
36. Telephone Number			37. Extension or Code			38. Fax Number (if applicable)		
(713) 651-111						() -		

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

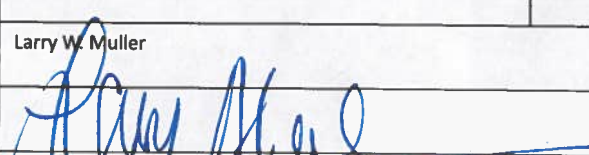
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review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

SECTION IV: Preparer Information

40. Name:	Sarah Velez, P.E.		41. Title:	Assistant Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(713) 341-8093		() -	svelez@lja.com	

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	Fort Bend County Municipal utility District No. 134A	Job Title:	President
Name (In Print):	Larry W. Muller	Phone:	() -
Signature:			Date: 8.7.25



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Fort Bend County Municipal Utility District No. 134A (CN603653288) operates Fort Bend County Municipal Utility District No. 134A WWTP No. 1 (RN104956511), a wastewater treatment plant. The facility is located at 1706 Madden Road, in Richmond, Fort Bend County, Texas 77407. This is an application for a TPDES permit to increase the permitted flow from 0.6 MGD to 0.96 MGD.

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 is treated by an activated sludge process treatment facility. The treatment units include a bar screen, aeration basins, final clarifiers, sludge digesters, filters and a chlorine contact basin that will be treated by Chlorine.

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí /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.

Fort Bend County Municipal Utility District No. 134A (CN603653288) opera Fort Bend County Municipal Utility District No. 134A WWTP No. 1 (RN104956511), una planta de tratamiento de aguas residuales. La instalación está ubicada en 1706 Madden Road, en la ciudad de Richmond, Condado de Fort Bend County, Texas 77407. Esta solicitud es para un permiso TPDES para aumentar el flujo permitido de 0.6 MGD a 0.96 MGD.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno de cinco días (CBOD₅ por sus siglas en inglés), sólidos suspendidos totales (TSS por sus siglas en inglés), nitrógeno amoniacal (NH₃-N), y Escherichia Coli. Las aguas residuales de uso doméstico. están tratado por una planta con un sistema de lodos activados que incluye un contenedor con rejillas, tanques aerobicos, un tanques de clarificador, tanques de digestión, filtros, y un tanque de contacto de cloro.



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

New Permit or Registration Application

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

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

Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

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

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

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

Section 3. Application Information

Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V
Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire
Radioactive Material Licensing Underground Injection Control

Water Quality

Texas Pollutant Discharge Elimination System (TPDES)
Texas Land Application Permit (TLAP)
State Only Concentrated Animal Feeding Operation (CAFO)
Water Treatment Plant Residuals Disposal Permit
Class B Biosolids Land Application Permit
Domestic Septage Land Application Registration

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

Add a New Appropriation of Water
Add a New or Existing Reservoir
Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

(City)

(County)

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

City

County

Census Tract

- (a) Percent of people over 25 years of age who at least graduated from high school
- (b) Per capita income for population near the specified location
- (c) Percent of minority population and percent of population by race within the specified location
- (d) Percent of Linguistically Isolated Households by language within the specified location
- (e) Languages commonly spoken in area by percentage
- (f) Community and/or Stakeholder Groups
- (g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

Yes No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

Yes No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

Yes No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

Yes No

(e) If a public meeting is held, will a translator be provided if requested?

Yes No

(f) Hard copies of the application will be available at the following (check all that apply):

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

Yes No

What types of notice will be provided?






Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

**ALIANA WWTP
DISCHARGE PERMIT**
USGS TOPOGRAPHIC MAP
AUGUST 2025

-  POINT OF DISCHARGE
-  DISCHARGE ROUTE
-  APPLICANT PROPERTY
AND WWTP SITE
BOUNDARY
-  OUTFALL 1 MILE BUFFER
-  MEASUREMENT

0 1,000 2,000
FEET



**APPLICANT PROPERTY
AND WWTP SITE
BOUNDARY**

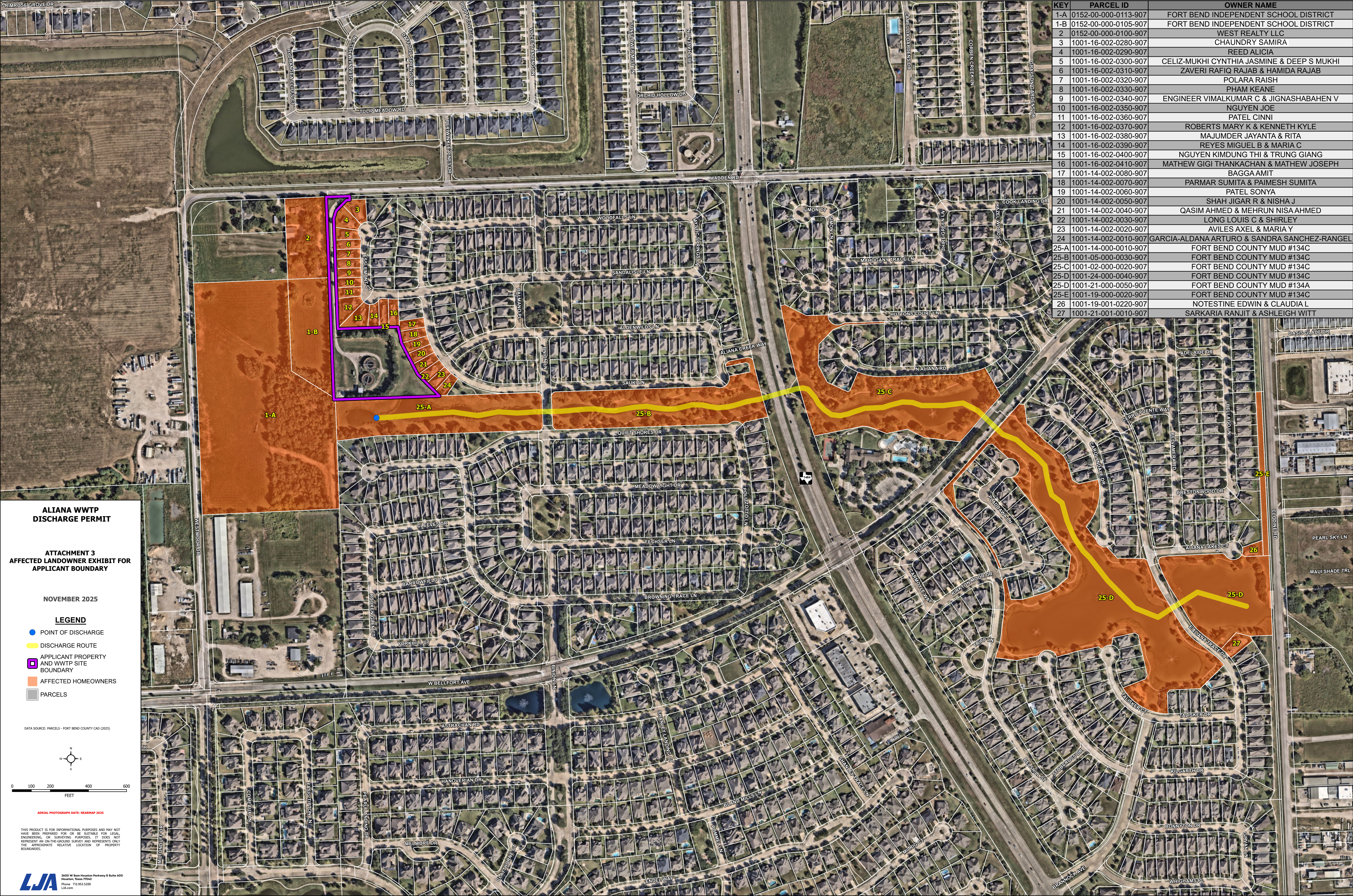
**1-MILE
DOWNSTREAM**

**POINT OF
DISCHARGE**

**3-MILE
DOWNSTREAM**



3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com



KEY	PARCEL ID	OWNER NAME
1-A	0152-00-000-0113-907	FORT BEND INDEPENDENT SCHOOL DISTRICT
1-B	0152-00-000-0105-907	FORT BEND INDEPENDENT SCHOOL DISTRICT
2	0152-00-000-0100-907	WEST REALTY LLC
3	1001-16-002-0280-907	CHAUNDRY SAMIRA
4	1001-16-002-0290-907	REED ALICIA
5	1001-16-002-0300-907	CELIZ-MUKHI CYNTHIA JASMINE & DEEP S MUKHI
6	1001-16-002-0310-907	ZAVERI RAFIQ RAJAB & HAMIDA RAJAB
7	1001-16-002-0320-907	POLARA RAISH
8	1001-16-002-0330-907	PHAM KEANE
9	1001-16-002-0340-907	ENGINEER VIMALKUMAR C & JIGNASHABAHEN V
10	1001-16-002-0350-907	NGUYEN JOE
11	1001-16-002-0360-907	PATEL CINNI
12	1001-16-002-0370-907	ROBERTS MARY K & KENNETH KYLE
13	1001-16-002-0380-907	MAJUMDER JAYANTA & RITA
14	1001-16-002-0390-907	REYES MIGUEL B & MARIA C
15	1001-16-002-0400-907	NGUYEN KIMDUNG THI & TRUNG GIANG
16	1001-16-002-0410-907	MATHEW GIGI THANKACHAN & MATHEW JOSEPH
17	1001-14-002-0080-907	BAGGA AMIT
18	1001-14-002-0070-907	PARMAR SUMITA & PAIMESH SUMITA
19	1001-14-002-0060-907	PATEL SONYA
20	1001-14-002-0050-907	SHAH JIGAR R & NISHA J
21	1001-14-002-0040-907	QASIM AHMED & MEHRUN NISA AHMED
22	1001-14-002-0030-907	LONG LOUIS C & SHIRLEY
23	1001-14-002-0020-907	AVILES AXEL & MARIA Y
24	1001-14-002-0010-907	GARCIA-ALDANA ARTURO & SANDRA SANCHEZ-RANGEL
25-A	1001-14-000-0010-907	FORT BEND COUNTY MUD #134C
25-B	1001-05-000-0030-907	FORT BEND COUNTY MUD #134C
25-C	1001-02-000-0020-907	FORT BEND COUNTY MUD #134C
25-D	1001-24-000-0040-907	FORT BEND COUNTY MUD #134C
25-D	1001-21-000-0050-907	FORT BEND COUNTY MUD #134A
25-E	1001-19-000-0020-907	FORT BEND COUNTY MUD #134C
26	1001-19-001-0220-907	NOTESTINE EDWIN & CLAUDIA L
27	1001-21-001-0010-907	SARKARIA RANJIT & ASHLEIGH WITT

ALIANA WWTP
DISCHARGE PERMIT

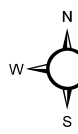
ATTACHMENT 3
AFFECTED LANDOWNER EXHIBIT FOR
APPLICANT BOUNDARY

NOVEMBER 2025

LEGEND

- POINT OF DISCHARGE
- DISCHARGE ROUTE
- APPLICANT PROPERTY AND WWTP SITE BOUNDARY
- AFFECTED HOMEOWNERS
- PARCELS

DATA SOURCE: PARCELS - FORT BEND COUNTY CAD (2025)



AERIAL PHOTOGRAPHY DATE: NEARMAP 2025

THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.

KEY	PARCEL_ID	OWNER_NAME
1-A	0152-00-000-0113-907	Fort Bend Independent School District
1-B	0152-00-000-0105-907	Fort Bend Independent School District
2	0152-00-000-0100-907	West Realty LLC
3	1001-16-002-0280-907	Multiple Owners
4	1001-16-002-0290-907	Reed Alicia
5	1001-16-002-0300-907	Celiz-Mukhi Cynthia Jasmine & Deep S Mukhi
6	1001-16-002-0310-907	Zaveri Rafiq Rajab & Hamida Rajab
7	1001-16-002-0320-907	Polara Raish
8	1001-16-002-0330-907	Pham Keane
9	1001-16-002-0340-907	Engineer Vimalkumar C & Jignashababen V
10	1001-16-002-0350-907	Nguyen Joe
11	1001-16-002-0360-907	Patel Cinni
12	1001-16-002-0370-907	Roberts Mary K & Kenneth Kyle
13	1001-16-002-0380-907	Majumder Jayanta & Rita
14	1001-16-002-0390-907	Reyes Miguel B & Maria C
15	1001-16-002-0400-907	Nguyen Kimdung Thi & Trung Giang
16	1001-16-002-0410-907	Mathew Gigi Thankachan & Mathew Joseph
17	1001-14-002-0080-907	Bagga Amit
18	1001-14-002-0070-907	Parmar Sumita & Paimesh Sumita
19	1001-14-002-0060-907	Patel Sonya
20	1001-14-002-0050-907	Shah Jigar R & Nisha J
21	1001-14-002-0040-907	Qasim Ahmed & Mehrun Nisa Ahmed
22	1001-14-002-0030-907	Long Louis C & Shirley
23	1001-14-002-0020-907	Aviles Axel & Maria Y
24	1001-14-002-0010-907	Garcia-Aldana Arturo & Sandra Sanchez-Rangel
24-A	1001-14-000-0010-907	Fort Bend County MUD #134C
24-B	1001-05-000-0030-907	Fort Bend County MUD #134C
24-C	1001-02-000-0020-907	Fort Bend County MUD #134C
24-D	1001-24-000-0040-907	Fort Bend County MUD #134C
24-D	1001-21-000-0050-907	Fort Bend County MUD #134A
25-E	1001-19-000-0020-907	Fort Bend County MUD #134C
26	1001-19-001-0220-907	Notestine Edwin & Claudia L
27	1001-21-001-0010-907	Sarkaria Ranjit & Ashleigh Witt

FORT BEND MUD 134A WWTP NO. 1 OUTFALL PHOTO LOCATION MAP



FORT BEND COUNTY MUD NO. 134A WWTP NO. 1

OUTFALL PHOTOS

PHOTO 1 – LOOKING EAST



PHOTO 2 – LOOKING EAST FROM FAR UPSTREAM END OF RED GULLY



Date\Time : Thu, 13 Nov 2025 -- 2:04pm User Name : mpotter
Path\Name : W:\Land\1882\2501\Major Amendment Permit\Attachments\5 Site layout\Site Layout MPSV.dwg



FORT BEND COUNTY MUD
134A WWTP1
ULTIMATE WITH BUFFER ZONE

LJA Engineering, Inc. **LJA**

3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386

ATTACHMENT 9
DESCRIPTION OF THE TREATMENT PROCESS

(In reference to Domestic Technical Report 1.0, Page 1, Item 3a)

The existing treatment system includes a concentric ring plant employing the activated sludge process operating in the complete mix mode, followed by chlorination effluent disinfection and a filter for potential future reuse. The current phase has a capacity of 0.60 MGD and is currently in operation. The ultimate plant will have a capacity of 0.96 MGD,

The existing plant has two separate treatment trains, each with a capacity of 0.30 MGD. The two trains operate in parallel, except for the filter. Each treatment train consists of a concentric ring structure with a 36-foot clarifier surrounded by an aeration basin, two digesters, and a chlorine contact basin.

The ultimate plant will consist of two concrete concentric rings, each with a capacity of 0.4 MGD and 0.56 MGD. The two concentric rings will operate in parallel. Each concentric ring will consist of a clarifier surrounded by two aeration basins, two digesters. The flow from the clarifiers will combine into a chlorine contact basin before entering the filters.

Influent to this facility is currently pumped from the onsite lift station to a bar screen with a flow splitter. The bar screen with flow splitter splits the influent to the two aeration basins. The mix liquor from the aeration basins flows to the clarifiers. The clarified effluent from the clarifiers flows to the chlorine contact basins, and the disinfected plant effluent to the filter, and then outfalls to an onsite manhole which drains through a 36" diameter pipe to Red Gully. The filter backwash water is returned to the onsite lift station and then to the head of the plant. Sludge is returned to the aeration basins and wasted to the digester basins via air lifts, and truck hauled from the digesters to another WWTP for dewatering previous to disposal at a registered disposal site.

ATTACHMENT 10
MAJOR COMPONENTS OF EXISTING TREATMENT SYSTEM
(Dimension of Treatment Units)

(In reference to Technical Report 1.0, Page 1&2, Item 3a & 3g)

Existing Interim Phase 1 (0.60 MGD) Major components and sizes are as follows:

<u>Type of Unit</u>	<u>Number of Units</u>	<u>Unit Size</u>
Exist South Bullseye:		
Aeration Basins	1	19,531ft ³
Digester Basins	2	11,108 ft ³
Clarifier	1	36' dia x 10' swd
Chlorine Contact Basin	1	2,317 ft ³
Exist North Bullseye:		
Aeration Basins	1	29,146 ft ³
Digester Basins	2	15,040 ft ³
Clarifier	1	36' dia x 13.24' swd
Chlorine Contact Basin	1	2,523 ft ³
Filter	1	2.4 MGD

ATTACHMENT 10
MAJOR COMPONENTS OF ULTIMATE TREATMENT SYSTEM
(Dimension of Treatment Units)

(In reference to Technical Report 1.0, Page 1&2, Item 3a & 3g)

Ultimate Phase (0.96 MGD) Major components and sizes are as follows:

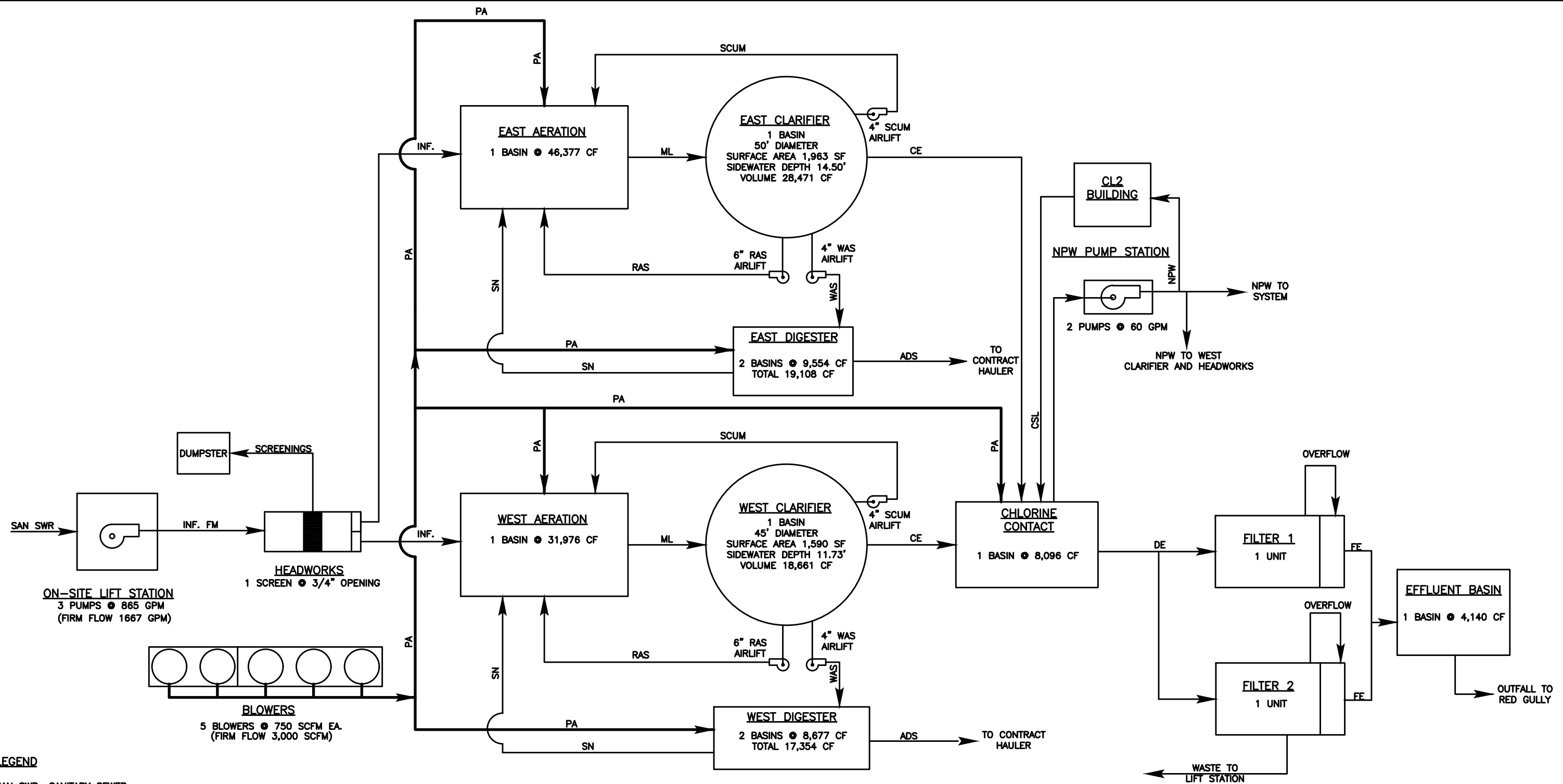
<u>Type of Unit</u>	<u>Number of Units</u>	<u>Unit Size</u>
Proposed West Bullseye (0.40 MGD)		
Aeration Basin	1	31,976ft ³
Digester Basins	2	17,354 ft ³
Clarifier	1	45' dia x 11.73' swd
Proposed East Bullseye (0.56 MGD)		
Aeration Basin	1	46,377 ft ³
Digester Basins	2	19,108 ft ³
Clarifier	1	50' dia x 14.50' swd
Chlorine Contact Basin	1	32' x 22' x 11.50'
Filters	2	4.8 MGD
Effluent Basin	1	30' x 12' x 11.50'



SAN SWR	SANITARY SEWER
INF. FM	INFLUENT FORCE MAIN
INF.	INFLEUNT
ML	MIXED LIQUOR
CE	CLARIFIED EFFLUENT
DE	DISINFECTED EFFLUENT
RAS	RETURN ACTIVATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE
ADS	AEROBICALLY DIGESTED SLUDGE
NPW	NON-POTABLE WATER
CS	CHLORINE SOLUTION
TOW	TOP OF WALL ELEVATION
FG	FINISHED GRADE ELEVATION
WSEL	WATER SURFACE ELEVATION
PA	PRESSURE AIR
FE	FILTERED EFFLUENT
PE	POND EFFLUENT
HB	HIGH BANK ELEVATION
SN	SUPERNATANT DECANT

LJA Engineering, Inc. 
3600 W Sam Houston Parkway S Phone 713.953.5200
Suite 600 Fax N/A
Houston, Texas 77042 FRN - F-1386

Date\\Time : Mon, 17 Nov 2025 - 5:22pm User Name : rkusumo
Path\\Name : W:\\LAND\\1882\\2501\\Major Amendment Permit\\Attachments\\4 Flow Diagram\\Exhibit 3 - Flow Diagram.dwg



LEGEND

SAN SWR	SANITARY SEWER
INF. FM	INFLUENT FORCE MAIN
INF.	INFLUENT
ML	MIXED LIQUOR
CE	CLARIFIED EFFLUENT
DE	DISINFECTED EFFLUENT
RAS	RETURN ACTIVATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE
ADS	AEROBICALLY DIGESTED SLUDGE
NPW	NON-POTABLE WATER
CS	CHLORINE SOLUTION
TOW	TOP OF WALL ELEVATION
FG	FINISHED GRADE ELEVATION
WSEL	WATER SURFACE ELEVATION
PA	PRESSURE AIR
FE	FILTERED EFFLUENT
PE	POND EFFLUENT
HB	HIGH BANK ELEVATION
SN	SUPERNATANT DECANT

ATTACHMENT 11
FORT BEND COUNTY M.U.D. NO. 134A
ULTIMATE FLOW DIAGRAM

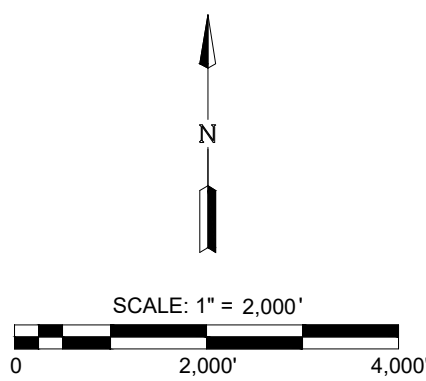
LJA Engineering, Inc.

3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386



Date\Time : Wed, 12 Nov 2025 -- 6:40pm User Name : svelez
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ATTACHMENT 12
SITE DRAWING





August 12, 2025

Laboratory Report

Patrick Bond
Inframark
32259 Morton Road
Brookshire, TX 77423

Report ID: 20250812140616JKW

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Justin Wood For Rebecca Rabon
Assistant Project Manager



Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Sample Results

Client Sample ID: Outfall 001
Lab Sample ID: 25G2350-01

Sample Matrix: Waste Water
Date Collected: 07/08/2025 7:35
Collected by: Eddie Blackshear

FB MUD 134A Plant 1 - NonPot - Permit Renewal

[none]

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

Metals, Total

EPA 200.7	Aluminum	A	<0.0300U	mg/L	1	0.0146	0.0300	BIG1098	07/10/2025 18:49	JBM
-----------	----------	---	----------	------	---	--------	--------	---------	------------------	-----

General Chemistry

SM 2320 B	Alkalinity as CaCO ₃	A	66.2	mg/L	1	10.0	10.0	BIG1083	07/09/2025 10:48	FPN
SM 5210 B	Carbonaceous BOD (CBOD)	A	3.28	mg/L	1.2	2.40	2.40	BIG1081	07/14/2025 10:17	BAK
SM 2510 B	Conductivity	A	906	umhos/cm @ 25 °C	1	2.00	2.00	BIG1083	07/09/2025 10:48	FPN
EPA 300.0	Fluoride	A	<0.250U	mg/L	1	0.0105	0.250	BIG0982	07/08/2025 20:18	JVG
EPA 350.1	Ammonia as N	A	0.339	mg/L	1	0.0140	0.0400	BIG1168	07/09/2025 14:58	TBB
EPA 1664A	n-Hexane Extractable Material (O&G)	A	<5.00U	mg/L	1	3.32	5.00	BIG1547	07/11/2025 11:13	AKA
EPA 300.0	Sulfate	A	43.4	mg/L	1	0.0341	1.00	BIG0982	07/08/2025 20:18	JVG
SM 2540 C	Residue-filterable (TDS)	A	514	mg/L	1	10.0	10.0	BIG1100	07/10/2025 15:39	BP
SM 4500-NH3 C	Total Kjeldahl Nitrogen - (TKN)	A	<1.00U	mg/L	1	0.100	1.00	BIG1106	07/10/2025 12:25	ENR
EPA 365.1	Total Phosphorus	A	4.11	mg/L	1	0.0586	0.100	BIG1640	07/14/2025 16:53	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	<1.00U	mg/L	1	1.00	1.00	BIG1341	07/11/2025 09:33	BP

Microbiology

Enterolert/ASTM D6503-99	Enterococci	A	>2420	MPN/100 mL	1	1.00	1.00	BIG0949	07/09/2025 15:10	ASB
SM 9223 B (Colilert Quanti-Tray)	Escherichia coli (E. coli)	A	>2420	MPN/100 mL	1	1.00	1.00	BIG0938	07/09/2025 15:55	ASB

Field

Hach 10360	DO Field	N	7.33	mg/L	1	1.00	1.00	BIG1247	07/08/2025 07:35	EEB
SM 4500-H+ B	pH	N	7.53	pH Units @ 25 °C	1	1.00	1.00	BIG1247	07/08/2025 07:35	EEB
SM 4500-Cl G	Total Residual Chlorine	N	0.27	mg/L	1	0.25	0.25	BIG1247	07/08/2025 07:35	EEB

* A = Accredited, N = Not Accredited or Accreditation not available



Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 25G2350-01RE1

Sample Matrix: Waste Water
Date Collected: 07/08/2025 7:35
Collected by: Eddie Blackshear

FB MUD 134A Plant 1 - NonPot - Permit Renewal

[none]

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
--------	---------	---	----------	-------	----	-----	-----	-------	----------	---------

General Chemistry

EPA 300.0	Chloride (Rerun)	A	158	mg/L	10	0.345	10.0	BIG1144	07/09/2025 18:42	JVG
EPA 300.0	Nitrate as N (Rerun)	A	14.7	mg/L	10	0.142	1.00	BIG1144	07/09/2025 18:42	JVG

* A = Accredited, N = Not Accredited or Accreditation not available



Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control

Metals, Total

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG1098 - EPA 200.7										
Blank (BIG1098-BLK1)					Prepared: 7/9/2025 Analyzed: 7/10/2025					
Aluminum	<0.0300	U	0.0300	mg/L						
LCS (BIG1098-BS1)					Prepared: 7/9/2025 Analyzed: 7/10/2025					
Aluminum	1.54		0.0300	mg/L	1.50		102	85-115		
Duplicate (BIG1098-DUP1)					Prepared: 7/9/2025 Analyzed: 7/10/2025					
Aluminum	0.0348		0.0300	mg/L		0.0314			10.2	20
Matrix Spike (BIG1098-MS1)					Prepared: 7/9/2025 Analyzed: 7/10/2025					
Aluminum	1.59		0.0300	mg/L	1.50	0.0314	104	70-130		
Post Spike (BIG1098-PS1)					Prepared: 7/9/2025 Analyzed: 7/10/2025					
Aluminum	1790	J1		ug/L	1500	30.6	117	85-115		
Dilution Check (BIG1098-SRL1)					Prepared: 7/9/2025 Analyzed: 7/10/2025					
Aluminum	<0.150	U	0.150	mg/L		<0.150			200	10



Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control (Continued)

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG0982 - EPA 300.0										
Duplicate (BIG0982-DUP1)		Source: 25G2535-01			Prepared & Analyzed: 7/8/2025					
Fluoride	<0.250	U	0.250	mg/L		<0.250				15
Chloride	17.4		1.00	mg/L		17.3			0.575	15
Nitrate as N	<0.100	U	0.100	mg/L		<0.100				15
Sulfate	1.18		1.00	mg/L		1.17			0.341	15
Duplicate (BIG0982-DUP2)		Source: 25G2449-02			Prepared & Analyzed: 7/9/2025					
Chloride	169		20.0	mg/L		171			1.26	15
Fluoride	0.330	J1	0.250	mg/L		0.494			39.8	15
Nitrate as N	19.0		2.00	mg/L		19.1			0.631	15
Sulfate	45.1		20.0	mg/L		44.7			0.846	15
MRL Check (BIG0982-MRL1)					Prepared & Analyzed: 7/8/2025					
Chloride	1.06		1.00	mg/L	1.00		106	50-150		
Sulfate	1.10		1.00	mg/L	1.00		110	50-150		
Nitrate as N	0.114		0.100	mg/L	0.100		114	50-150		
Fluoride	0.346		0.250	mg/L	0.250		138	50-150		
Matrix Spike (BIG0982-MS1)		Source: 25G2535-01			Prepared & Analyzed: 7/8/2025					
Sulfate	22.0		1.11	mg/L	22.2	1.17	93.7	80-120		
Chloride	28.0		1.11	mg/L	11.1	17.3	95.9	80-120		
Nitrate as N	2.17		0.111	mg/L	2.22	<0.111	97.8	80-120		
Fluoride	5.16		0.278	mg/L	5.56	<0.278	93.0	80-120		
Matrix Spike (BIG0982-MS2)		Source: 25G2449-02			Prepared & Analyzed: 7/9/2025					
Chloride	186	J1	22.2	mg/L	11.1	171	135	80-120		
Sulfate	64.6		22.2	mg/L	22.2	44.7	89.3	80-120		
Nitrate as N	20.8	J1	2.22	mg/L	2.22	19.1	76.4	80-120		
Fluoride	5.63		0.278	mg/L	5.56	0.494	92.4	80-120		

* A = Accredited, N = Not Accredited or Accreditation not available



Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG1081 - CBOD-5210										
LCS (BIG1081-BS1)										
Carbonaceous BOD (CBOD)	152	J1		mg/L	198		76.7	85-115		
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Duplicate (BIG1081-DUP1)										
Carbonaceous BOD (CBOD)	2.53		2.40	mg/L		<2.40			200	40
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Duplicate (BIG1081-DUP2)										
Carbonaceous BOD (CBOD)	2.51	J1	2.40	mg/L		4.19			50.1	40
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Duplicate (BIG1081-DUP3)										
Carbonaceous BOD (CBOD)	3.74		2.40	mg/L		4.00			6.66	40
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Duplicate (BIG1081-DUP4)										
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		3.28			200	40
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Duplicate (BIG1081-DUP5)										
Carbonaceous BOD (CBOD)	2.67		2.40	mg/L		<2.40			200	40
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Duplicate (BIG1081-DUP6)										
Carbonaceous BOD (CBOD)	3.73		2.40	mg/L		3.78			1.28	40
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Duplicate (BIG1081-DUP7)										
Carbonaceous BOD (CBOD)	2.78		2.40	mg/L		<2.40			200	40
Prepared: 7/9/2025 Analyzed: 7/14/2025										
Batch: BIG1083 - Alkalinity										
Blank (BIG1083-BLK1)										
Alkalinity as CaCO3	<10.0	U	10.0	mg/L						
Conductivity	<2.00	U	2.00	umhos/cm @ 25 °C						
Prepared & Analyzed: 7/9/2025										

* A = Accredited, N = Not Accredited or Accreditation not available



Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG1083 - Alkalinity (Continued)										
LCS (BIG1083-BS1)										
Conductivity	1380			umhos/cm @ 25 °C	1410		98.1	90-110		
Prepared & Analyzed: 7/9/2025										
QCS (BIG1083-BS2)										
Conductivity	512			umhos/cm @ 25 °C	500		102	90-110		
Prepared & Analyzed: 7/9/2025										
LCS (BIG1083-BS4)										
Alkalinity as CaCO ₃	103			mg/L	100		103	90-110		
Prepared & Analyzed: 7/9/2025										
Duplicate (BIG1083-DUP1) Source: 25G1267-01										
Alkalinity as CaCO ₃	283		10.0	mg/L		282			0.322	15
Conductivity	911		2.00	umhos/cm @ 25 °C		912			0.110	15
Prepared & Analyzed: 7/9/2025										
Duplicate (BIG1083-DUP2) Source: 25G2551-08										
Conductivity	624		2.00	umhos/cm @ 25 °C		629			0.798	15
Alkalinity as CaCO ₃	92.6		10.0	mg/L		93.4			0.860	15
Prepared & Analyzed: 7/9/2025										
Batch: BIG1100 - TDS										
Blank (BIG1100-BLK1)										
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
Prepared: 7/9/2025 Analyzed: 7/10/2025										
LCS (BIG1100-BS1)										
Residue-filterable (TDS)	150		10.0	mg/L	150		100	90-110		
Prepared: 7/9/2025 Analyzed: 7/10/2025										
Duplicate (BIG1100-DUP1) Source: 25G2449-02										
Residue-filterable (TDS)	652		10.0	mg/L		632			3.12	10
Prepared: 7/9/2025 Analyzed: 7/10/2025										

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG1106 - TKN T										
Blank (BIG1106-BLK1)					Prepared: 7/9/2025 Analyzed: 7/10/2025					
Total Kjeldahl Nitrogen - (TKN)	<1.00	U	1.00	mg/L						
LCS (BIG1106-BS1)										
Total Kjeldahl Nitrogen - (TKN)	1.34		1.00	mg/L	1.56		85.9	85-115		
Duplicate (BIG1106-DUP1)					Source: 25G0253-01 Prepared: 7/9/2025 Analyzed: 7/10/2025					
Total Kjeldahl Nitrogen - (TKN)	<1.00	U	1.00	mg/L		<1.00				20
Matrix Spike (BIG1106-MS1)					Source: 25G0253-01 Prepared: 7/9/2025 Analyzed: 7/10/2025					
Total Kjeldahl Nitrogen - (TKN)	1.57	J1	1.00	mg/L	4.00	<1.00	39.2	85-115		
Batch: BIG1144 - EPA 300.0										
Duplicate (BIG1144-DUP1)					Source: 25G2525-02 Prepared & Analyzed: 7/9/2025					
Chloride	114		10.0	mg/L		116			1.62	15
Nitrate as N	16.0		1.00	mg/L		16.2			1.36	15
MRL Check (BIG1144-MRL1)					Prepared & Analyzed: 7/9/2025					
Chloride	1.11		1.00	mg/L	1.00		111	50-150		
Nitrate as N	0.110		0.100	mg/L	0.100		110	50-150		
Matrix Spike (BIG1144-MS1)					Source: 25G2525-02 Prepared & Analyzed: 7/9/2025					
Chloride	131	J1	11.1	mg/L	11.1	116	137	80-120		
Nitrate as N	18.2		1.11	mg/L	2.22	16.2	90.1	80-120		
Batch: BIG1168 - NH3-N SEAL-350.1										
Matrix Spike (BIG1168-MS1)					Source: 25G2387-02 Prepared & Analyzed: 7/9/2025					
Ammonia as N	6.16		2.00	mg/L	0.200	5.95	106	90-110		

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BIG1168 - NH3-N SEAL-350.1 (Continued)

Matrix Spike (BIG1168-MS2)

Source: 25G2372-01

Prepared & Analyzed: 7/9/2025

Ammonia as N	0.256		0.0401	mg/L	0.200	0.0510	102	90-110		
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Matrix Spike Dup (BIG1168-MSD1)

Source: 25G2387-02

Prepared & Analyzed: 7/9/2025

Ammonia as N	6.16		2.00	mg/L	0.200	5.95	106	90-110	0.00	20
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Matrix Spike Dup (BIG1168-MSD2)

Source: 25G2372-01

Prepared & Analyzed: 7/9/2025

Ammonia as N	0.260		0.0401	mg/L	0.200	0.0510	104	90-110	1.56	20
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Batch: BIG1341 - TSS

Blank (BIG1341-BLK1)

Prepared: 7/10/2025 Analyzed: 7/11/2025

Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
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LCS (BIG1341-BS1)

Prepared: 7/10/2025 Analyzed: 7/11/2025

Residue-nonfilterable (TSS)	99.6		1.00	mg/L	100		99.6	85-115		
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Duplicate (BIG1341-DUP1)

Source: 25G0556-01

Prepared: 7/10/2025 Analyzed: 7/11/2025

Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L		1.26			200	10
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Duplicate (BIG1341-DUP2)

Source: 25G2447-01

Prepared: 7/10/2025 Analyzed: 7/11/2025

Residue-nonfilterable (TSS)	4.63		1.00	mg/L		4.84			4.44	10
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Batch: BIG1547 - EPA 1664

Blank (BIG1547-BLK1)

Prepared & Analyzed: 7/11/2025

n-Hexane Extractable Material (O&G)	<5.00	U	5.00	mg/L						
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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG1547 - EPA 1664 (Continued)										
LCS (BIG1547-BS1)					Prepared & Analyzed: 7/11/2025					
n-Hexane Extractable Material (O&G)	42.2		5.00	mg/L	40.0		106	77.5-114.5		
LCS Dup (BIG1547-BSD1)					Prepared & Analyzed: 7/11/2025					
n-Hexane Extractable Material (O&G)	40.3		5.00	mg/L	40.0		101	77.5-114.5	4.61	20
Matrix Spike (BIG1547-MS1)					Source: 25G2350-01		Prepared & Analyzed: 7/11/2025			
n-Hexane Extractable Material (O&G)	19.4	J1	5.00	mg/L	40.0	<5.00	48.5	77.5-114.5		
Batch: BIG1640 - Phosphorus EPA 365.1										
LCS (BIG1640-BS1)					Prepared: 7/12/2025 Analyzed: 7/14/2025					
Total Phosphorus	0.243		0.0100	mg/L	0.250		97.1	90-110		
Matrix Spike (BIG1640-MS1)					Source: 25G2387-05		Prepared: 7/12/2025 Analyzed: 7/14/2025			
Total Phosphorus	17.7		0.500	mg/L	12.5	4.68	104	80-120		
Matrix Spike (BIG1640-MS2)					Source: 25G2388-04		Prepared: 7/12/2025 Analyzed: 7/14/2025			
Total Phosphorus	23.9		0.500	mg/L	12.5	10.8	105	80-120		
Matrix Spike Dup (BIG1640-MSD1)					Source: 25G2387-05		Prepared: 7/12/2025 Analyzed: 7/14/2025			
Total Phosphorus	18.0		0.500	mg/L	12.5	4.68	106	80-120	1.46	20
Matrix Spike Dup (BIG1640-MSD2)					Source: 25G2388-04		Prepared: 7/12/2025 Analyzed: 7/14/2025			
Total Phosphorus	23.7		0.500	mg/L	12.5	10.8	103	80-120	0.778	20

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Quality Control
(Continued)

Microbiology

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG0938 - TC EC Quantitray										
Blank (BIG0938-BLK1)										
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL						
Prepared: 7/8/2025 Analyzed: 7/9/2025										
Duplicate (BIG0938-DUP1)										
Escherichia coli (E. coli)	45.5		1.00	MPN/100 mL		40.4			11.9	200
Prepared: 7/8/2025 Analyzed: 7/9/2025										
Batch: BIG0949 - ENT Quantitray										
Blank (BIG0949-BLK1)										
Enterococci	<1.00	U	1.00	MPN/100 mL						
Prepared: 7/8/2025 Analyzed: 7/9/2025										
Duplicate (BIG0949-DUP1)										
Enterococci	>2420		1.00	MPN/100 mL		>2420			0.00	200
Prepared: 7/8/2025 Analyzed: 7/9/2025										

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130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
www. NWDLS.com
TCEQ TX-C25-00094

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Sample Condition Checklist

Work Order: 25G2350

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
08/12/2025 14:06

Term and Qualifier Definitions

Item	Definition
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
U	Non-detected compound.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.

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CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com



Page 1 of 1

25G2350

TCEQ TX-C25-00094

Lab PM : Rebecca Rabon	Project Name : FB MUD 134A Plant 1 - NonPot - Permit Renewal	Schedule Comments:
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	Project Comments: DO reading must be recorded before 9am If CL2 not between 1-4 Call Office Mark out Duplicated Outfall samples on the reg chain 1766 1/2 Sauki Ln 77407 Bruce Dubiel 832-427-9064 Juan Lara - 954-557-7013	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
25G2350-01	Outfall 001		7/8/2025 10:35	AQ Grab	A HDPE 250mL B PreCleaned HDPE 250mL HNO3 C HDPE 1L D HDPE 250mL E HDPE 250mL H2SO4 F HDPE 250mL H2SO4 G Glass Wide 1L w/ Teflon-lined Lid HCl pH <2 H HDPE S250mL Na2S2O3 I HDPE S250mL Na2S2O3 J HDPE 250mL K HDPE 250mL H2SO4 L HDPE 1L	Aluminum ICP 200.7 ENT-ASTMD6503 TC EC-9223 O&G-1664 Alkalinity-2320 CBOD-5210 Chloride IC 300.0 Conductivity-2510 Fluoride IC 300.0 NH3-N SEAL-350.1 Nitrate as N IC 300.0 Sulfate IC 300.0 TDS-2540 TKN T-4500 C Total Phosphorus-365.1-H2SO4 4°C TSS-2540 HNO3 Na2S2O3 <10°C Na2S2O3 <10°C HCl 4°C 4°C 4°C 4°C 4°C 4°C H2SO4 4°C 4°C 4°C H2SO4 4°C 4°C	DO Field 7.33 pH Field 7.53 Total Chlorine 0.27 Residual VWW Field 5.53 7-8-25

Field Remarks: per Justin EEB		Lab Preservation: H2SO4 HNO3 NaOH Other: _____		
Sampler (Signature) 	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Print Name Eddie Blackshear	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation NWDLS	Relinquished To Lab By: (Signature) 	Date/Time 15:35 7-8-25	Received for Laboratory By: (Signature) 	Date/Time 15:35 7-8-25
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No	Temperature: _____ °C
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No	Thermometer ID: _____

Katy South

wko_NWDLS_COC_LS Revision 4.1 Effective: 2/17/2022



September 19, 2025

Laboratory Report

Patrick Bond
Inframark
32259 Morton Road
Brookshire, TX 77423

Report ID: 20250919143135JKW

The following test results meet all NELAP requirements for analytes for which certification is available. Any deviations from our quality system will be noted in the case narrative. All analyses performed by North Water District Laboratory Services, Inc. unless noted.

For questions regarding this report, contact Monica Martin at 936-321-6060.

Sincerely,

Justin Wood For Rebecca Rabon
Assistant Project Manager



Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
09/19/2025 14:31

Sample Results

Client Sample ID: Outfall 001
Lab Sample ID: 25H4458-01

Sample Matrix: Waste Water
Date Collected: 08/26/2025 7:40
Collected by: Eddie Blackshear

FB MUD 134A Plant 1 - NonPot - Permit Renewal

[none]

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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Metals, Total

EPA 200.7	Aluminum	A	<0.0300 U, CB	mg/L	1	0.0146	0.0300	BIH3524	09/09/2025 18:47	JBM
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General Chemistry

SM 2320 B	Alkalinity as CaCO ₃	A	134	mg/L	1	10.0	10.0	BIH3521	08/27/2025 09:23	FPN
SM 5210 B	Carbonaceous BOD (CBOD)	A	<2.03 U, FF	mg/L	13514	2.03	2.03	BIH3526	09/01/2025 08:51	PJM
SM 2510 B	Conductivity	A	929	umhos/cm @ 25 °C	1	2.00	2.00	BIH3521	08/27/2025 09:23	FPN
EPA 350.1	Ammonia as N	A	6.15	mg/L	25	0.350	1.00	BIH3500	08/27/2025 14:58	NAZ
EPA 300.0	Nitrate as N	A	2.19	mg/L	1	0.0142	0.100	BIH3451	08/26/2025 16:52	JVG
EPA 1664A	n-Hexane Extractable Material (O&G)	A	<5.00 U	mg/L	1	3.32	5.00	BIH3932	08/29/2025 08:04	AKA
SM 2540 C	Residue-filterable (TDS)	A	494	mg/L	1	10.0	10.0	BIH3523	08/29/2025 08:20	BP
SM 4500-NH ₃ C	Total Kjeldahl Nitrogen - (TKN)	A	5.82	mg/L	1	0.100	1.00	BIH3504	08/27/2025 10:03	ENR
EPA 365.1	Total Phosphorus	A	2.26	mg/L	1	0.0586	0.100	BIH3913	08/29/2025 17:07	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	1.16	mg/L	1	1.00	1.00	BIH3529	08/28/2025 07:19	JRU

Microbiology

Enterolert/ASTM D6503-99	Enterococci	A	2.00	MPN/100 mL	1	1.00	1.00	BIH3483	08/27/2025 16:40	TGR
SM 9223 B (Colilert Quanti-Tray)	Escherichia coli (E. coli)	A	1.00	MPN/100 mL	1	1.00	1.00	BIH3477	08/27/2025 17:03	TGR

Field

Hach 10360	DO Field	N	7.56	mg/L	1	1.00	1.00	BIH3645	08/26/2025 07:40	EEB
SM 4500-H+ B	pH	N	7.64	pH Units @ 25 °C	1	1.00	1.00	BIH3645	08/26/2025 07:40	EEB
SM 4500-Cl G	Total Residual Chlorine	N	4.00	mg/L	1	0.25	0.25	BIH3645	08/26/2025 07:40	EEB

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TCEQ TX-C25-00094

Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
09/19/2025 14:31

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 25H4458-01RE2
FB MUD 134A Plant 1 - NonPot - Permit Renewal

[none]

Sample Matrix: Waste Water
Date Collected: 08/26/2025 7:40
Collected by: Eddie Blackshear

Method	Analyte	*	Result Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
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General Chemistry

EPA 300.0	Chloride (Rerun)	A	165	mg/L	10	0.345	10.0	BIH4064	08/29/2025 18:30	JVG
EPA 300.0	Fluoride (Rerun)	A	<0.250U	mg/L	1	0.0105	0.250	BIH4064	08/29/2025 18:10	JVG
EPA 300.0	Sulfate (Rerun)	A	39.0	mg/L	1	0.0341	1.00	BIH4064	08/29/2025 18:10	JVG

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
09/19/2025 14:31

Quality Control

Metals, Total

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIH3524 - EPA 200.7										
Blank (BIH3524-BLK1)					Prepared: 8/27/2025 Analyzed: 9/9/2025					
Aluminum	<0.0300	U	0.0300	mg/L						
LCS (BIH3524-BS1)					Prepared: 8/27/2025 Analyzed: 9/9/2025					
Aluminum	1.50		0.0300	mg/L	1.50		100	85-115		
Duplicate (BIH3524-DUP2)					Prepared: 8/27/2025 Analyzed: 9/9/2025					
Aluminum	0.0161	U	0.0300	mg/L		0.0177			9.57	20
Duplicate (BIH3524-DUP9)					Prepared: 8/27/2025 Analyzed: 9/15/2025					
Aluminum	13.9		0.300	mg/L		15.0			7.62	20
Matrix Spike (BIH3524-MS2)					Prepared: 8/27/2025 Analyzed: 9/9/2025					
Aluminum	1.59		0.0300	mg/L	1.50	0.0177	105	70-130		
Matrix Spike (BIH3524-MS8)					Prepared: 8/27/2025 Analyzed: 9/14/2025					
Aluminum	15.9	J1	0.300	mg/L	1.50	15.0	64.1	70-130		
Post Spike (BIH3524-PS2)					Prepared: 8/27/2025 Analyzed: 9/9/2025					
Aluminum	1570			ug/L	1500	17.3	104	85-115		
Post Spike (BIH3524-PS6)					Prepared: 8/27/2025 Analyzed: 9/14/2025					
Aluminum	15600	J1		ug/L	1500	14600	63.8	85-115		
Dilution Check (BIH3524-SRL2)					Prepared: 8/27/2025 Analyzed: 9/9/2025					
Aluminum	<0.150	U	0.150	mg/L		<0.150			200	10

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Inframark
32259 Morton Road
Brookshire, TX 77423

Reported:
09/19/2025 14:31

Quality Control
(Continued)

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BIH3450 - EPA 300.0

Duplicate (BIH3450-DUP1)

Source: 25H4509-02

Prepared & Analyzed: 8/26/2025

Sulfate	<10.0	U	10.0	mg/L		<10.0				15
Fluoride	0.678		0.250	mg/L		0.599			12.4	15
Chloride	<10.0	U	10.0	mg/L		<10.0				15

MRL Check (BIH3450-MRL1)

Prepared & Analyzed: 8/26/2025

Sulfate	1.17		1.00	mg/L	1.00		117	50-150		
Fluoride	<0.250	U, J1	0.250	mg/L	0.250			50-150		
Chloride	1.12		1.00	mg/L	1.00		112	50-150		

Matrix Spike (BIH3450-MS1)

Source: 25H4509-02

Prepared & Analyzed: 8/26/2025

Sulfate	442	J1	11.1	mg/L	22.2	<11.1	NR	80-120		
Fluoride	5.27		0.278	mg/L	5.56	0.599	84.1	80-120		
Chloride	218	J1	11.1	mg/L	11.1	<11.1	NR	80-120		

Batch: BIH3451 - EPA 300.0

Duplicate (BIH3451-DUP1)

Source: 25H3882-01

Prepared & Analyzed: 8/26/2025

Nitrate as N	<0.100	U	0.100	mg/L		<0.100				15
Fluoride	<0.250	U	0.250	mg/L		<0.250				15
Sulfate	2570		1.00	mg/L		2570			0.0491	15
Chloride	15600		20.0	mg/L		16300			4.84	15

MRL Check (BIH3451-MRL1)

Prepared & Analyzed: 8/26/2025

Sulfate	1.09		1.00	mg/L	1.00		109	50-150		
Nitrate as N	0.113		0.100	mg/L	0.100		113	50-150		
Fluoride	0.319		0.250	mg/L	0.250		128	50-150		
Chloride	1.07		1.00	mg/L	1.00		107	50-150		



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09/19/2025 14:31

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
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Batch: BIH3451 - EPA 300.0 (Continued)

Matrix Spike (BIH3451-MS1)

Source: 25H3882-01

Prepared & Analyzed: 8/26/2025

Sulfate	2600	J1	1.11	mg/L	22.2	2570	153	80-120		
Nitrate as N	1.73	J1	0.111	mg/L	2.22	<0.111	77.9	80-120		
Chloride	16100	J1	22.2	mg/L	11.1	16300	NR	80-120		
Fluoride	3.01	J1	0.278	mg/L	5.56	<0.278	54.2	80-120		

Batch: BIH3500 - NH3-N SEAL-350.1

Matrix Spike (BIH3500-MS1)

Source: 25H0339-01

Prepared & Analyzed: 8/27/2025

Ammonia as N	0.259		0.0401	mg/L	0.200	0.0660	96.1	90-110		
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Matrix Spike (BIH3500-MS2)

Source: 25H4588-02

Prepared & Analyzed: 8/27/2025

Ammonia as N	0.234		0.0401	mg/L	0.200	0.0400	97.0	90-110		
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Matrix Spike Dup (BIH3500-MSD1)

Source: 25H0339-01

Prepared & Analyzed: 8/27/2025

Ammonia as N	0.263		0.0401	mg/L	0.200	0.0660	98.1	90-110	1.54	20
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Matrix Spike Dup (BIH3500-MSD2)

Source: 25H4588-02

Prepared & Analyzed: 8/27/2025

Ammonia as N	0.236		0.0401	mg/L	0.200	0.0400	98.0	90-110	0.851	20
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Batch: BIH3504 - TKN T

Blank (BIH3504-BLK1)

Prepared: 8/26/2025 Analyzed: 8/27/2025

Total Kjeldahl Nitrogen - (TKN)	<1.00	U	1.00	mg/L						
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LCS (BIH3504-BS1)

Prepared: 8/26/2025 Analyzed: 8/27/2025

Total Kjeldahl Nitrogen - (TKN)	1.46		1.00	mg/L	1.56		93.1	85-115		
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Reported:
09/19/2025 14:31

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIH3504 - TKN T (Continued)										
Duplicate (BIH3504-DUP1)		Source: 25H0266-01			Prepared: 8/26/2025 Analyzed: 8/27/2025					
Total Kjeldahl Nitrogen - (TKN)	1.12		1.00	mg/L		1.12			0.00	20
Matrix Spike (BIH3504-MS1)		Source: 25H0266-01			Prepared: 8/26/2025 Analyzed: 8/27/2025					
Total Kjeldahl Nitrogen - (TKN)	3.47	J1	1.00	mg/L	4.00	1.12	58.8	85-115		
Batch: BIH3521 - Alkalinity										
Blank (BIH3521-BLK1)		Prepared & Analyzed: 8/27/2025								
Alkalinity as CaCO3	<10.0	U	10.0	mg/L						
Conductivity	<2.00	U	2.00	umhos/cm @ 25 °C						
LCS (BIH3521-BS1)		Prepared & Analyzed: 8/27/2025								
Conductivity	1350			umhos/cm @ 25 °C	1410		95.6	90-110		
QCS (BIH3521-BS2)		Prepared & Analyzed: 8/27/2025								
Conductivity	506			umhos/cm @ 25 °C	500		101	90-110		
LCS (BIH3521-BS4)		Prepared & Analyzed: 8/27/2025								
Alkalinity as CaCO3	101			mg/L	100		101	90-110		
Duplicate (BIH3521-DUP1)		Source: 25H4458-01			Prepared & Analyzed: 8/27/2025					
Alkalinity as CaCO3	142		10.0	mg/L		134			5.80	15
Conductivity	934		2.00	umhos/cm @ 25 °C		929			0.537	15
Duplicate (BIH3521-DUP2)		Source: 25H4566-14			Prepared & Analyzed: 8/27/2025					
Alkalinity as CaCO3	79.7		10.0	mg/L		78.1			2.10	15
Conductivity	870		2.00	umhos/cm @ 25 °C		879			1.03	15

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Reported:
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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIH3523 - TDS										
Blank (BIH3523-BLK1)					Prepared: 8/27/2025 Analyzed: 8/29/2025					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BIH3523-BS1)					Prepared: 8/27/2025 Analyzed: 8/29/2025					
Residue-filterable (TDS)	150		10.0	mg/L	150		100	90-110		
Duplicate (BIH3523-DUP1)					Prepared: 8/27/2025 Analyzed: 8/29/2025					
Residue-filterable (TDS)	710		10.0	mg/L		720			1.40	10
Batch: BIH3526 - CBOD-5210										
LCS (BIH3526-BS1)					Prepared: 8/27/2025 Analyzed: 9/1/2025					
Carbonaceous BOD (CBOD)	176			mg/L	198		89.0	85-115		
Duplicate (BIH3526-DUP1)					Prepared: 8/27/2025 Analyzed: 9/1/2025					
Carbonaceous BOD (CBOD)	2.73		2.40	mg/L		<2.40			200	40
Duplicate (BIH3526-DUP2)					Prepared: 8/27/2025 Analyzed: 9/1/2025					
Carbonaceous BOD (CBOD)	2.74		2.40	mg/L		3.04			10.3	40
Duplicate (BIH3526-DUP3)					Prepared: 8/27/2025 Analyzed: 9/1/2025					
Carbonaceous BOD (CBOD)	4.56		2.40	mg/L		3.98			13.8	40
Duplicate (BIH3526-DUP4)					Prepared: 8/27/2025 Analyzed: 9/1/2025					
Carbonaceous BOD (CBOD)	3.11		2.40	mg/L		3.56			13.4	40
Duplicate (BIH3526-DUP5)					Prepared: 8/27/2025 Analyzed: 9/1/2025					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		3.26			200	40

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIH3526 - CBOD-5210 (Continued)										
Duplicate (BIH3526-DUP6)	Source: 25H4587-02		Prepared: 8/27/2025 Analyzed: 9/1/2025							
Carbonaceous BOD (CBOD)	2.53		2.40	mg/L		3.19			23.2	40
Duplicate (BIH3526-DUP7)	Source: 25H4456-09		Prepared: 8/27/2025 Analyzed: 9/1/2025							
Carbonaceous BOD (CBOD)	4.77		2.40	mg/L		<2.40			200	40
Duplicate (BIH3526-DUP8)	Source: 25H0029-01		Prepared: 8/27/2025 Analyzed: 9/1/2025							
Carbonaceous BOD (CBOD)	2.75		2.40	mg/L		2.90			5.10	40
Duplicate (BIH3526-DUP9)	Source: 25H0314-01		Prepared: 8/27/2025 Analyzed: 9/1/2025							
Carbonaceous BOD (CBOD)	4.01		2.40	mg/L		<2.40			200	40
Duplicate (BIH3526-DUPA)	Source: 25H4566-16		Prepared: 8/27/2025 Analyzed: 9/1/2025							
Carbonaceous BOD (CBOD)	136		50.0	mg/L		162			17.6	20
Batch: BIH3529 - TSS										
Blank (BIH3529-BLK1)			Prepared: 8/27/2025 Analyzed: 8/28/2025							
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BIH3529-BS1)			Prepared: 8/27/2025 Analyzed: 8/28/2025							
Residue-nonfilterable (TSS)	98.8		1.00	mg/L	100		98.8	85-115		
Duplicate (BIH3529-DUP1)	Source: 25H4437-02		Prepared: 8/27/2025 Analyzed: 8/28/2025							
Residue-nonfilterable (TSS)	2.74		1.00	mg/L		2.74			0.00	10
Duplicate (BIH3529-DUP2)	Source: 25H4488-01		Prepared: 8/27/2025 Analyzed: 8/28/2025							
Residue-nonfilterable (TSS)	<1.00	U, J1	1.00	mg/L		1.05			200	10

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIH3913 - Phosphorus EPA 365.1										
LCS (BIH3913-BS1)					Prepared: 8/28/2025 Analyzed: 8/29/2025					
Total Phosphorus	0.240		0.0100	mg/L	0.250		95.9	90-110		
Matrix Spike (BIH3913-MS1) Source: 25H4213-04 Prepared: 8/28/2025 Analyzed: 8/29/2025										
Total Phosphorus	16.2		0.500	mg/L	12.5	3.67	100	80-120		
Matrix Spike (BIH3913-MS2) Source: 25H4376-01 Prepared: 8/28/2025 Analyzed: 8/29/2025										
Total Phosphorus	16.7		0.500	mg/L	12.5	4.03	101	80-120		
Matrix Spike Dup (BIH3913-MSD1) Source: 25H4213-04 Prepared: 8/28/2025 Analyzed: 8/29/2025										
Total Phosphorus	16.2		0.500	mg/L	12.5	3.67	100	80-120	0.185	20
Matrix Spike Dup (BIH3913-MSD2) Source: 25H4376-01 Prepared: 8/28/2025 Analyzed: 8/29/2025										
Total Phosphorus	16.5		0.500	mg/L	12.5	4.03	99.4	80-120	1.51	20
Batch: BIH3932 - EPA 1664										
Blank (BIH3932-BLK1)					Prepared & Analyzed: 8/29/2025					
n-Hexane Extractable Material (O&G)	<5.00	U	5.00	mg/L						
LCS (BIH3932-BS1)					Prepared & Analyzed: 8/29/2025					
n-Hexane Extractable Material (O&G)	40.6		5.00	mg/L	40.0		102	77.5-114.5		
LCS Dup (BIH3932-BSD1)					Prepared & Analyzed: 8/29/2025					
n-Hexane Extractable Material (O&G)	40.8		5.00	mg/L	40.0		102	77.5-114.5	0.602	20
Matrix Spike (BIH3932-MS1) Source: 25H4374-03					Prepared & Analyzed: 8/29/2025					
n-Hexane Extractable Material (O&G)	23.3	J1	5.00	mg/L	40.0	<5.00	58.4	77.5-114.5		

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Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIH4064 - EPA 300.0										
Duplicate (BIH4064-DUP1)			Source: 25H4399-03			Prepared & Analyzed: 8/29/2025				
Chloride	25.6		1.00	mg/L		25.6			0.102	15
Fluoride	0.182	U	0.250	mg/L		0.175			3.92	15
Sulfate	6.65		1.00	mg/L		6.62			0.437	15
MRL Check (BIH4064-MRL1)										
					Prepared & Analyzed: 8/29/2025					
Chloride	1.05		1.00	mg/L	1.00		105	50-150		
Fluoride	0.339		0.250	mg/L	0.250		136	50-150		
Sulfate	1.17		1.00	mg/L	1.00		117	50-150		
Matrix Spike (BIH4064-MS1)										
			Source: 25H4399-03			Prepared & Analyzed: 8/29/2025				
Sulfate	27.9		1.11	mg/L	22.2	6.62	95.8	80-120		
Chloride	37.0		1.11	mg/L	11.1	25.6	103	80-120		
Fluoride	5.21		0.278	mg/L	5.56	0.175	90.7	80-120		

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Reported:
09/19/2025 14:31

Quality Control
(Continued)

Microbiology

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC Limits	RPD	RPD Limit
Batch: BIH3477 - TC EC Quantitray									
Blank (BIH3477-BLK1)									
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL					
Prepared: 8/26/2025 Analyzed: 8/27/2025									
Duplicate (BIH3477-DUP1)									
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL		<1.00			200
Prepared: 8/26/2025 Analyzed: 8/27/2025									
Source: 25H4591-01									
Batch: BIH3483 - ENT Quantitray									
Blank (BIH3483-BLK1)									
Enterococci	<1.00	U	1.00	MPN/100 mL					
Prepared: 8/26/2025 Analyzed: 8/27/2025									
Duplicate (BIH3483-DUP1)									
Enterococci	2.00	J1	1.00	MPN/100 mL		10.8		138	200
Prepared: 8/26/2025 Analyzed: 8/27/2025									
Source: 25H4531-01									

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130 S. Trade Center Parkway, Conroe TX 77385
Tel: (936) 321-6060
Email: lab@nwdls.com
www. NWDLS.com
TCEQ TX-C25-00094

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32259 Morton Road
Brookshire, TX 77423

Reported:
09/19/2025 14:31

Sample Condition Checklist

Work Order: 25H4458

Check Points

No	Custody Seals
Yes	Containers Intact
Yes	COC/Labels Agree
Yes	Received On Ice
Yes	Appropriate Containers
Yes	Appropriate Sample Volume
Yes	Coolers Intact
Yes	Samples Accepted



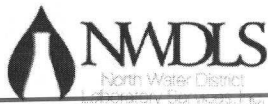
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09/19/2025 14:31

Term and Qualifier Definitions

Item	Definition
CB	Associated calibration blank QC is outside the established quality control criteria - data not affected and acceptable to report.
FF	The blank for biochemical oxygen demand depleted more than the method limit of 0.20 mg/l.
J1	Estimated value - The reported value is outside the established quality control criteria for accuracy and/or precision.
U	Non-detected compound.
RPD	Relative Percent Difference
%REC	Percent Recovery
Source	Sample that was matrix spiked or duplicated
*	A = Accredited, N = Not Accredited or Accreditation not available
DF	Dilution Factor - the factor applied to the reported data due to sample preparation, dilution, or moisture content
MDL	Method Detection Limit - The minimum concentration of a substance (or analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. Based on standard deviation of replicate spiked samples take through all steps of the analytical procedure following 40 CFR Part 136 Appendix B.
SDL	Sample Detection Limit - The minimum concentration of a substance (analyte) that can be measured and reported with 99% confidence that the analyte concentration is greater than zero. The SDL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MDL = SDL.
MRL	Method Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The MRL is at or above the lowest calibration standard.
LRL	Laboratory Reporting Limit - Analyte concentration that corresponds to the lowest level lab reports with confidence in accuracy of quantitation and without qualification (i.e. J-flagged). The LRL is an adjusted limit thus sample specific and accounts for preparation weights and volumes, dilutions, and moisture content of soil/sediments. If there are no sample specific parameters, the MRL = LRL.

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CHAIN OF CUSTODY RECORD

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com



Page 1 of 1

25H4458

TCEQ TX-C25-00094

Lab PM : Rebecca Rabon	Project Name : FB MUD 134A Plant 1 - NonPot - Permit Renewal	Schedule Comments:
Inframark Patrick Bond 32259 Morton Road Brookshire, TX 77423 Phone: (281) 505-0452	Project Comments: DO reading must be recorded before 9am If CL2 not between 1-4 Call Office Mark out Duplicated Outfall samples on the reg chain 1766 1/2 Sauki Ln 77407 Bruce Dubiel 832-427-9064 Juan Lara - 954-557-7013	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation	Field Results
25H4458-01	Outfall 001		8/26/2025 / 07:40	AQ Grab	A HDPE 250mL B PreCleaned HDPE 250mL HNO3 C HDPE 1L D HDPE 250mL	Aluminum ICP 200.7 HNO3 ENT-ASTMD6503 Na2S2O3 <10°C TC EC-9223 Na2S2O3 <10°C	DO Field 7.56 pH Field 7.64 Total Chlorine 4.00 Residual WW Field 5.48
					E HDPE 250mL H2SO4 F HDPE 250mL H2SO4 G Glass Wide 1L w/ Teflon-lined Lid HCl pH <2 H HDPE S250mL Na2S2O3 I HDPE S250mL Na2S2O3 J HDPE 250mL K HDPE 250mL H2SO4 L HDPE 1L	O&G-1664 HCl 4°C Alkalinity-2320 4°C CBOD-5210 4°C Chloride IC 300.0 4°C Conductivity-2510 4°C Fluoride IC 300.0 4°C NH3-N SEAL-350.1 H2SO4 4°C Nitrate as N IC 300.0 4°C Sulfate IC 300.0 4°C TDS-2540 4°C TKN T-4500 C H2SO4 4°C Total Phosphorus-365.1- H2SO4 4°C TSS-2540 4°C	8.2625

Field Remarks:		Lab Preservation: H2SO4 HNO3 NaOH Other: _____	
		(Circle and Write ID Below)	
Sampler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Print Name Eddie Backner	Relinquished By: (Signature)	Date/Time	Received By: (Signature)
Affiliation NWDL	Relinquished To Lab By: (Signature)	Date/Time 8-26-25	Received for Laboratory By: (Signature) Date/Time 8-26-25
Custody Seal : Yes / No	COC Labels Agree: Yes / No	Appropriate Volume: Yes / No	Received on Ice: Yes / No
Container Intact : Yes / No	Appropriate Containers: Yes / No	Coolers Intact: Yes / No	Samples Accepted: Yes / No
		Temperature: 14.8 °C	Thermometer ID: T-150

Katy South

wko_NWDLS_COC_LS Revision 4.1 Effective: 2/17/2022

Monthly Projections and Corresponding Influent

						75% of Ph I						90% of Ph I
Year 1	11/1/2026	12/1/2026	1/1/2027	2/1/2027	3/1/2027	4/1/2027	5/1/2027	6/1/2027	7/1/2027	8/1/2027	9/1/2027	10/1/2027
ESFC	1,250	1,300	1,350	1,400	1,450	1,500	1,550	1,600	1,650	1,700	1,750	1,800
Flow (gpd)	375,000	390,000	405,000	420,000	435,000	450,000	465,000	480,000	495,000	510,000	525,000	540,000
Year 2	11/1/2027	12/1/2027	1/1/2028	2/1/2028	3/1/2028	4/1/2028	5/1/2028	6/1/2028	7/1/2028	8/1/2028	9/1/2028	10/1/2028
ESFC	1,850	1,900	1,950	2,000	2,050	2,100	2,150	2,200	2,250	2,300	2,350	2,400
Flow (gpd)	555,000	570,000	585,000	600,000	615,000	630,000	645,000	660,000	675,000	690,000	705,000	720,000
Year 3	11/1/2028	12/1/2028	1/1/2029	2/1/2029	3/1/2029	4/1/2029	5/1/2029	6/1/2029	7/1/2029	8/1/2029	9/1/2029	10/1/2029
ESFC	2,450	2,500	2,550	2,600	2,650	2,700	2,750	2,800	2,850	2,900	2,950	3,000
Flow (gpd)	735,000	750,000	765,000	780,000	795,000	810,000	825,000	840,000	855,000	870,000	885,000	900,000
Year 4	11/1/2029	12/1/2029	1/1/2030	2/1/2030								
ESFC	3,050	3,100	3,150	3,200								
Flow (gpd)	915,000	930,000	945,000	960,000								

50	ESFC per month
300	gallons per ESFC

	Flow	75%	90%
Phase I:	600,000	450,000	540,000
Phase II:	960,000		

FORT BEND COUNTIES
M.U.D. NO. 134A
WWTP DISCHARGE PERMIT

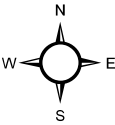
ATTACHMENT 14
NEARBY DOMESTIC PERMITTED WWTFs
(WITHIN 3-MILE RADIUS)

JUNE 2025

LEGEND

- POINT OF DISCHARGE
- WASTEWATER OUTFALLS
- APPLICANT PROPERTY AND WWTP SITE BOUNDARY
- COUNTY LINE

DATA SOURCE: TCEQ OUTFALLS - UPDATED JULY 2025,
COUNTY LINE - H-GAC



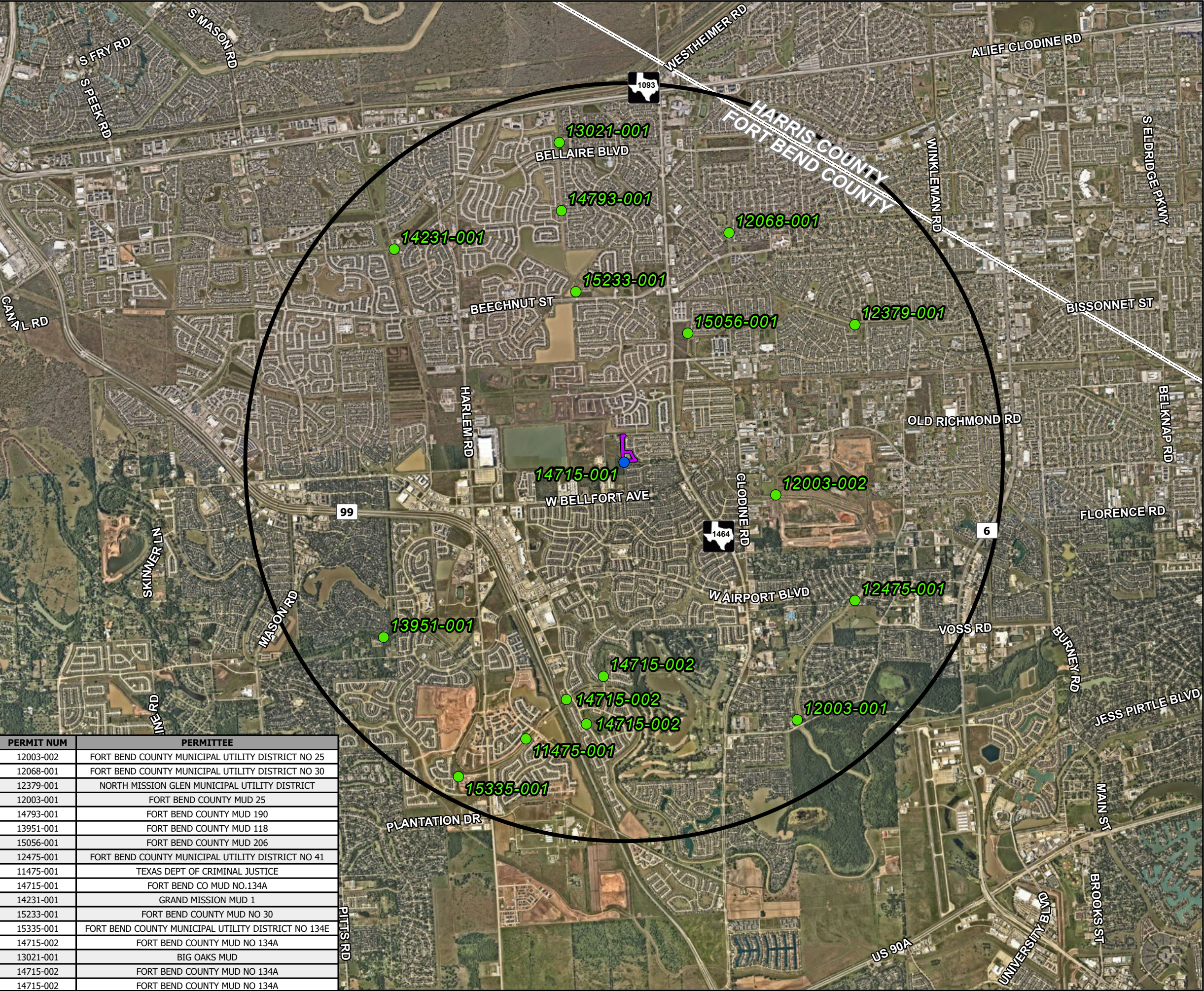
0 0.75 1.5
MILES

AERIAL PHOTOGRAPH DATE: NEARMAP 2024, 2025

THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT
HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL,
ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT
AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE
APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.



3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com





October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 25
6300 West Loop S STE 415
Bellaire, TX 77401-2913

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 25 Wastewater Treatment Facility No. 2 with TPDES Permit No. WQ0012003002 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 25
6300 West Loop S STE 415
Bellaire, TX 77401-2913

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 25 Wastewater Treatment Facility with TPDES Permit No. WQ0012003001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 30
3200 Southwest FWY STE 3200
Houston, TX 77027-7537

Re: Wastewater Service Request for Fort Bend County MUD No. 134A
WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 30 Wastewater Treatment Facility with TPDES Permit No. WQ0012068001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 30
3200 Southwest FWY STE 3200
Houston, TX 77027-7537

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 30 Wastewater Treatment Facility No. 2 with TPDES Permit No. WQ0015233001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

North Mission Glen MUD
9 Greenway PLZ STE 1000
Houston, TX 77046-0900

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the North Mission Glen Wastewater Treatment Facility with TPDES Permit No. WQ0012379001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 190
3200 Southwest FWY STE 2600
Houston, TX 77027-7537

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 190 Wastewater Treatment Facility with TPDES Permit No. WQ0014793001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 118
2727 Allen PKWY STE 1100
Houston, TX 77019-2191

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 118 Wastewater Treatment Facility with TPDES Permit No. WQ0013951001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 206
3200 Southwest FWY STE 2600
Houston, TX 77027-7537

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Victoria Gardens Wastewater Treatment Plant with TPDES Permit No. WQ0015056001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 41
1300 Post Oak BLVD STE 2400
Houston, TX 77056-3044

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 41 Wastewater Treatment Facility with TPDES Permit No. WQ0012475001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 134A
9 Greenway PLZ STE 1000
Houston, TX 77046-0900

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 134A Wastewater Treatment Facility with TPDES Permit No. WQ0014715001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Grand Mission MUD 1
9 Greenway PLZ STE 1000
Houston, TX 77046-0900

Re: Wastewater Service Request for Fort Bend County MUD No. 134A
WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Grand Mission Municipal Utility District No. 1 Wastewater Treatment Facility with TPDES Permit No. WQ0014231001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 134E
9 Greenway PLZ STE 1000
Houston, TX 77046-0900

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Harvest Green Wastewater Treatment Facility with TPDES Permit No. WQ0015335001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Big Oaks MUD
9 Greenway PLZ STE 1000
Houston, TX 77046-0900

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing an application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Big Oaks Municipal Utility District Wastewater Treatment Facility with TPDES Permit No. WQ0013021001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____



October 7, 2025

VIA CERTIFIED MAIL

Texas Department of Criminal Justice
PO Box 4011
Huntsville, Texas 77342

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing an application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 134A Wastewater Treatment Facility with TPDES Permit No. WQ004175002 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☐ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: _____ Title: _____

Signature: _____ Date: _____

7022 2410 0002 7028 4771

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Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

Fort Bend County MUD 134E
9 Greenway PLZ
STE 1000
Houston, TX 77046-0900

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 7028 4764

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OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

Grand Mission MUD 1
9 Greenway PLZ
STE 1000
Houston, TX 77046-0900

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 7028 4757

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OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

Fort Bend County MUD 30
3200 Southwest FWY
STE 3200
Houston, TX 77027-7537

7022 2410 0002 7028 4801

U.S. Postal Service™
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For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

Fort Bend County MUD 190
3200 Southwest FWY
Ste 2600
Houston, TX 77027-7537

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 7028 4795

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

North Mission Glen MUD
9 Greenway PLZ
Ste 1000
Houston, TX 77046-0900

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 7028 4832

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Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

Fort Bend County MUD 41
1300 Post Oak BLVD
STE 2400
Houston, TX 77056-3044

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 7028 4825

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

Fort Bend County MUD 206
3200 Southwest FWY
STE 2600
Houston, TX 77027-7537

PS Form 3800, April 2015 PSN 7530-02-000-9047

See Reverse for Instructions

7022 2410 0002 7028 4818

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

Fort Bend County MUD 118
2727 Allen PKWY
STE 1100
Houston, TX 77019-2191

7022 2410 0002 7028 4788

U.S. Postal Service™
CERTIFIED MAIL® RECEIPT

Domestic Mail Only

For delivery information, visit our website at www.usps.com®.


OFFICIAL USE

Certified Mail Fee

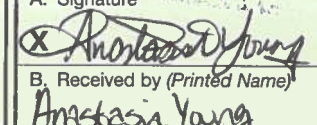
Ryan Canfield
Job # 1882-2501
10/27/25

mark
re

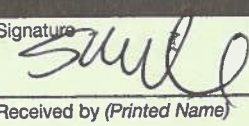
Big Oaks MUD
9 Greenway PLZ
STE 1000
Houston, TX 77046-0900


SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">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.		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X </p> <p>B. Received by (Printed Name) C. Date of Delivery 5/26/25</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail</p> <p>1. Article Addressed to: Fort Bend County MUD 25 6300 West Loop S Ste 415 Bellaire, TX 77401-2913</p> <p>2. Article Number (Transfer from service label) 9590 9402 7948 2305 3187 03</p>	
PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
<ul style="list-style-type: none">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.		<p>A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p>X </p> <p>B. Received by (Printed Name) C. Date of Delivery 11/7/25</p> <p>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</p> <p>3. Service Type <input type="checkbox"/> Priority Mail Express® <input type="checkbox"/> Adult Signature <input type="checkbox"/> Registered Mail™ <input type="checkbox"/> Adult Signature Restricted Delivery <input type="checkbox"/> Registered Mail Restricted Delivery <input type="checkbox"/> Certified Mail® <input type="checkbox"/> Signature Confirmation™ <input type="checkbox"/> Certified Mail Restricted Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery <input type="checkbox"/> Signature Confirmation Restricted Delivery <input type="checkbox"/> Collect on Delivery Restricted Delivery <input type="checkbox"/> Insured Mail</p> <p>1. Article Addressed to: Big Oaks MUD 9 Greenway PLZ STE 1000 Houston, TX 77046-0900</p> <p>2. Article Number (Transfer from service label) 9590 9402 8447 3156 4247 21</p>	
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PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

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PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	

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PS Form 3811, July 2020 PSN 7530-02-000-9053		Domestic Return Receipt	



October 7, 2025

VIA CERTIFIED MAIL

Big Oaks MUD
9 Greenway PLZ STE 1000
Houston, TX 77046-0900

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing an application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Big Oaks Municipal Utility District Wastewater Treatment Facility with TPDES Permit No. WQ0013021001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

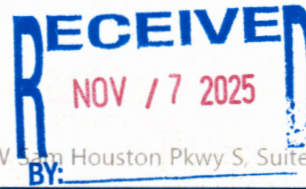
Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☒ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: Roy A. Ward, P.E. Title: Project Manager

Signature: Date: 11/10/2025



713.953.5200
TBPELS F-1386
TBPELS 10110501
www.LJA.com

3600 W Loop Houston Pkwy S, Suite 600 Houston, Texas 77042

October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 206
3200 Southwest FWY STE 2600
Houston, TX 77027-7537

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Victoria Gardens Wastewater Treatment Plant with TPDES Permit No. WQ0015056001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☒ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: Javier M. Casas, P.E. Title: Senior Project Manager

Signature: Date: 11/11/2025



October 7, 2025

Fort Bend County MUD 190
3200 Southwest FWY STE 2600
Houston, TX 77027-7537



Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWT
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 190 Wastewater Treatment Facility with TPDES Permit No. WQ0014793001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☒ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: Wesley Lay Title: District Engineer

Signature: Date: 11/10/2025



713.953.5200
TBPELS 1-1386
TBPELS 40110501
www.LJA.com

3600 W Sam Houston Pkwy S, Suite 600 Houston, Texas 77042

October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 25
6300 West Loop S STE 415
Bellaire, TX 77401-2913

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 25 Wastewater Treatment Facility No. 2 with TPDES Permit No. WQ0012003002 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☒ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: TERRIE SEGURIST Title: Attorney

Signature: [Handwritten Signature] Date: 10/27/2025



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 25
6300 West Loop S STE 415
Bellaire, TX 77401-2913

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 25 Wastewater Treatment Facility with TPDES Permit No. WQ0012003001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____

☒ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: TERRIE SEGURIST Title: Attorney

Signature: Terrie Segurist Date: 10/27/2025



October 7, 2025

VIA CERTIFIED MAIL

Fort Bend County MUD 118
2727 Allen PKWY STE 1100
Houston, TX 77019-2191

Re: Wastewater Service Request for Fort Bend County MUD No. 134A WWTP
LJA Job No. 1882-2501

To Whom It May Concern:

We are currently preparing a major amendment application for a discharge permit for the Fort Bend County MUD No. 134A Wastewater Treatment Plant, in Montgomery County. The proposed development will require 0.96 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond in writing or indicating below on this letter if the Fort Bend County Municipal Utility District No. 118 Wastewater Treatment Facility with TPDES Permit No. WQ0013951001 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/

- ☐ Yes, our wastewater treatment facility has sufficient capacity to serve the proposed development. Contact Phone Number: _____
- ☒ No, our wastewater treatment facility does not have sufficient capacity to serve the proposed development.

Name: NIRAV PATEL Title: DISTRICT ENGINEER

Signature: Nirav Patel Date: 11 / 11 / 25

Project Name: Aliana WWTP #1 0.6 MGD Exp.

Hydraulic Design:**WWTP Calculation Parameters**

BOD: 300 mg/l
 TSS: 300 mg/l
 NH3: 65 mg/l

Hydraulic Loading

Design Flow: 300,000 gpd
 Peak flow: 1,200,000 gpd
 Organic Loading: 750.6 lbsBOD/d

$$\text{Organic Loading} = \text{Design flow} \left(\frac{\text{gal.}}{\text{day}} \right) * 8.34 \frac{\text{lbs}}{\text{gal}} * \text{BOD}_5 \left(\frac{\text{mg}}{\text{l}} \right) * 1 * 10^{-6} \frac{\text{lbs}}{\text{mg}}$$

Aeration Requirements

Volume Required: 28,885 ft³
 Volume Used: 29,146 ft³

$$\text{Volume Required} = \text{Organic Loading} \left(\frac{\text{lbs BOD}}{\text{day}} \right) * \frac{1000 \text{ ft}^3}{26 \text{ lbs BOD/day}}$$

Final Clarifier Requirements

Surface Area:	1018 ft ²	Minimum Surf. Area:	1000 ft ²
Detention Time		Detention Time Req'd	
at Peak Flow:	2.02 hours	at Peak Flow:	≥ 1.8 hours
Weir Loading:	11,235 gpd/LF Weir	Req'd Weir Loading:	≤ 20,000 gpd/LF Weir
Diameter required:	35.68 ft		
Diameter used:	36 ft		

$$\text{Minimum surface area at peak flow} = \frac{\text{peak flow} \left(\frac{\text{gal.}}{\text{day}} \right)}{1200 \text{ gpd} / \text{ft}^2}$$

$$\text{Detention time at peak flow} = \frac{\text{Volume} \left(\text{ft}^3 \right) * 7.48 \left(\frac{\text{gal}}{\text{ft}^3} \right)}{\text{peak flow} \left(\frac{\text{gal.}}{\text{day}} \right)} * \frac{24 \text{ hrs}}{\text{day}}$$

$$\text{Weir Loading} = \frac{\text{Peak flow} \left(\frac{\text{gal.}}{\text{day}} \right)}{\pi * (\text{diameter} \left(\text{ft.} \right) - 2 \left(\text{ft.} \right))}$$

Chlorine Contact Basin RequirementsVolume Required: 2,229 ft³Volume Used: 2,523 ft³

Hydraulic Det. Time: 20.2 minutes

Hydr. Det. Time Req'd: ≥20mins

$$Volume = Peak\ flow \left(\frac{gal.}{day} \right) * \frac{1\ day}{1440\ min} * 0.1337 \left(\frac{ft^3}{gal} \right) * 20\ min$$

$$Hydraulic\ Detention\ Time = \frac{Volume\ (ft^3) * 7.48 \left(\frac{gal}{ft^3} \right)}{Peak\ flow \left(\frac{gal.}{day} \right)} * 1440 \left(\frac{min}{day} \right)$$

Aerobic Digester RequirementsVolume Required: 15,020 ft³Volume Used: 15,046 ft³

$$Volume\ Required = BOD\ loading \left(\frac{lbs\ BOD}{day} \right) * 20 \left(\frac{ft^3}{lb/day} \right) =$$

Concentric Ring Layout:

	Volume Required	Ring Degrees	Volume Used
Aeration Basin	28,885 ft ³	225°	29,146 ft ³
Chlorination Basin	2,229 ft ³	21°	2,523 ft ³
Digester (1&2)	15,020 ft ³	114°	15,046 ft ³

Volume of Ring:Total Volume Req'd: 46,134 ft³

Total Volume Used: 46,443 ft

Radius (ft):

	Section	Accumulative
Clarifier Radius:	18'	18'
Inside Thickness:	3/8"	18.03'
Outer Ring Width:	18.5'	36.53'
Outside Wall:	3/8"	36.56'

Height (ft):

Tank Height	16.5'
Aeration SWD	14.71'
Clarifier SWD	13.24'
CL2 Contact SWD	13.68'
Digester SWD	15'

6.4.4 Air Requirements**Aeration Basin Air requirement**

Clean Water Transfer efficiency at 13.71ft. of submergence = 10.97%

Waste Water Transfer efficiency = Clean Water Transfer Efficiency *65%= 0.07

$$O_2R = \frac{1.2 * BOD + 4.3 * NH_3 - N}{BOD} = \text{lbs Oxygen/lb BOD}$$

Correction Factor (CF)= Use Chapter 217subchapter 5, table F.5: Diffuser
Submergence Correction Factor

$$\begin{aligned} \text{Air Required} &= \text{BOD loading} \left(\frac{\text{lb BOD}}{\text{day}} \right) * O_2R \left(\frac{\text{lbs Oxygen}}{\text{lb BOD}} \right) * \frac{1}{0.07 * 0.23 * 0.075} * \frac{1 \text{ day}}{1440 \text{ min}} * CF \\ &= 907 \text{ SCFM} \end{aligned}$$

Digester Air Requirement

$$\begin{aligned} \text{Air Required for Digestion} &= \text{Digester Volume (ft}^3\text{)} * 30 \text{ CFM} / 1000 \text{ ft}^3 \\ &= 453 \text{ SCFM} \end{aligned}$$

Chlorine Contact Basin Air Requirement

$$\begin{aligned} \text{Air Required for Disinfection} &= \text{Contact Basin Volume (ft}^3\text{)} * 20 \text{ CFM} / 1000 \text{ ft}^3 \\ &= 45 \text{ SCFM} \end{aligned}$$

Miscellaneous Air Requirement

$$\begin{aligned} \text{RAS/WAS 6" Airlift Air requirements} &= 60 \text{ SCFM} \\ \text{Scum return 3" Airlift Air Requirements} &= 15 \text{ SCFM} \end{aligned}$$

Total Air Requirement

$$\begin{aligned} \text{Aeration Basin} &= 907 \text{ SCFM} \\ \text{Digester} &= 453 \text{ SCFM} \\ \text{Chlorine Contact Basin} &= 45 \text{ SCFM} \\ \text{Miscellaneous} &= 75 \text{ SCFM} \\ \text{Total Air required} &= 1480 \text{ SCFM} \end{aligned}$$

Use 2 blowers at 750 SCFM of air and 6.7 psi.

Project Name:

Aliana WWTP - Ultimate Concrete Trains

Permanent Wastewater Treatment Plant

Process Design Calculations

Project #:

1882-2404

		Ult. Train 1	Ult. Train 2	Total
WWTP Influent Flow				
Average Daily Flow	gpd	400,000	560,000	960,000
Peaking Factor		4	4	4
Peak Flow	gpd	1,600,000	2,240,000	3,840,000
Equivalent Single Family Connections	ESFC	1,333	1,866	3,200
Water Usage per Connection	gal/ESFC	300	300	300

WWTP Organic Parameters

BOD ₅	325	mg/L		
NH ₃	75	mg/L		
BOD Loading		lbs/d	1,084	1,518
				2,602

Concentric Ring Design

Height	16	ft
--------	----	----

Aeration Basin Design

Process Description	Conventional Activated Sludge Process With Nitrification When Reactor Temperatures Exceed 15C			
Organic Loading Rate	35	lbs BOD5/day/1,000ft3		
Minimum Free Board	1.5	ft		
Minimum Aeration Volume		ft ³	30,977	43,368
				74,345
Number of Tanks			2	2
Width of Aeration	ft		17.00	17.00
Ring Degrees	°		120.0	130.0
Calculated Side Water Depth at Average Flow	ft		13.58	13.56
Calculated Side Water Depth at Peak Flow			13.82	14.00
Proposed Free Board at Peak Flow	ft		2.00	2.00
Proposed Area	ft ³		2314	3313
Proposed Volume	ft ³		31,976	46,377
				78,353

Secondary Clarifier Design

Process Description	Activated Sludge - Secondary, Enhanced Secondary, or Secondary With Nitrification			
Maximum Surface Loading @ 2-hr Peak Flow	1,200	gpd/ft ²		
Minimum Detention Time	1.8	hrs		
Minimum SWD	10	ft		
Minimum Free Board	1	ft		
Maximum Weir Loading		gpd/lf	20,000	20,000
Maximum Vertical Velocity in Stilling Well	0.15	ft/s		
Minimum Surface Area Required		ft ²	1333	1867
				3200
Number of Clarifiers			1	1
Diameter		ft	45	50
Launder Trough Width		ft	2	2
Proposed Weir Loading		gpd/lf	12,422	15,500
Calculated Side Water Depth		ft	11.73	14.50
Proposed Free Board at Peak Flow		ft	2.39	1.50
Proposed Surface Area		ft ²	1,590	1,963
Proposed Volume		ft ³	18,661	28,471
Proposed Detention Time		hrs	2.09	2.28
Stilling Well Diameter		ft	10.0	10.0
Proposed Stilling Well Velocity		ft/s	0.02	0.02

Chlorine Contact Basin

Minimum Contact Time	20	min		
Minimum Free Board	1	ft		
Minimum Required Volume		ft ³		7,130
Number of Basins				1
Width		ft		22.00
Length		ft		32.00
Height		ft		13.00
Calculated Side Water Depth at Peak Flow		ft		11.50
Calculated Free Board at Peak Flow		ft		1.50
Proposed Area		ft ²		704
Proposed Volume		ft ³		8,096
Proposed Detention Time		min		22.71

Effluent Basin

Number of Basins				1
Width of Tank	ft			12
Height of Tank	ft			13
Calculated Side Water Depth at Peak Flow	ft			11.50
Calculated Free Board at Peak Flow	ft			1.50
Proposed Length of Tank	ft			30
Proposed Area	ft ²			156
Proposed Volume	ft ³	-	-	4,140

Aerobic Digester Design

Volatile Soilds Wasted (From Solids Balance)	lbs/d	967	1354	2321
TCEQ Loading Rate	200 lbs/d/1,000ft ³			
$V = \frac{P_{x,tss}}{Loading Rate}$				
Minimum Required Volume	ft ³	4,835	6,769	11,603
Minimum Required Volume (3 Days)	ft ³	14,504	20,306	34,810
Minimum Free Board	1 ft			
Number of Digesters		2	2	
Radius	ft	17.00	20.00	
Ring Degrees	°	60.0	50.0	
Proposed Area	ft ³	1156.96	1273.87	
Proposed Volume	ft ³	17,354	19,108	36,462

Chlorine Dosage Requirements

Type of Effluent	Activated Sludge			
Chlorine Concentration	8 mg/L			
Storage of Chlorine Tanks	Temperature-Controlled Enclosure			
Low Ambient Temperature	65 °F			
Required Chlorine Dosage	lbs/d	107	149	256
Withdrawal Rate per 150-lb Chlorine Cylinder	65 lbs/d			
Withdrawal Rate per 1-ton Chlorine Cylinder	520 lbs/d			
Number of 150-lb Chlorine Cylinders per Bank		3	5	4
Number of 1-ton Chlorine Cylinders per Bank		0	0	0
Proposed Maximum Chlorine Withdrawal Rate		195	325	260

Air Requirements

Aeration Basins

Type of Diffuser	Coarse Bubble Diffuser			
Transfer Efficiency Factor	0.65			
Length of Diffuser to Bottom of Tank	1.50 ft			
Depth of Diffuser		12.08	12.06	
Submergence Correction Factor		1.00	1.00	
CWOTE per foot of Submergence	0.45%			
Calculated Clean Water Transfer Efficiency	5.44%			
Design Clean Water Transfer Efficiency*	5.44%			
Wastewater Transfer Efficiency	3.53%	*If Clean Water Transfer Efficiency exceeds TCEQ maximum for inovative technology use maximum in lieu of calculated		
Aeration Oxygen Requirement	2.19 lb O ₂ /lb BOD ₅			
Aeration Airflowrate	scfm	2,700	3,783	
Mixing Oxygen Requirement	20 scfm/1,000 ft3			
Mixing Airflowrate	scfm	640	928	
Required Airflowrate	scfm	2,700	3,783	6,483

Aerobic Digester

Type of Diffuser	Coarse Bubble Diffuser			
Required Mixing Air Rate	20 scfm/1,000 ft3			
Required Airflowrate	scfm	347	382	729

Chlorine Contact Basin

Effluent DO Concentration	6	mg/L
Initial DO Concentration*	0	mg/L
Diffuser Capacity	150%	
Required Oxygen at Peak Flow		lb O ₂ /d
Required Airflowrate		scfm
Airflowrate Required by Diffusers		
Minimum Airdrops (20 scfm)		

* Minimum DO Concentration in the Aeration Basin is 2 mg/L however, to be conservative an estimated DO of 0 mg/L has been assumed entering the CCB

80.11	112.15	
91.24	127.73	218.97
136.86	191.60	
7	10	

Airlifts

Amount Required/ Basin	200	scfm
------------------------	-----	------

Total Air Requirement

Basin 1 & Chlorine Contact Air	scfm	3,466		
Basin 2 Air	scfm		4,365	
Total Plant Required Air	scfm			7,831

Blower Sizing

Blower Capacity	1200	scfm		
Blower Required Basin 1 & Chlorine Contact		3		
Proposed Blowers Basin 1 & Chlorine Contact		4		
Blower Required Basin 2			4	
Proposed Blowers Basin 2			5	

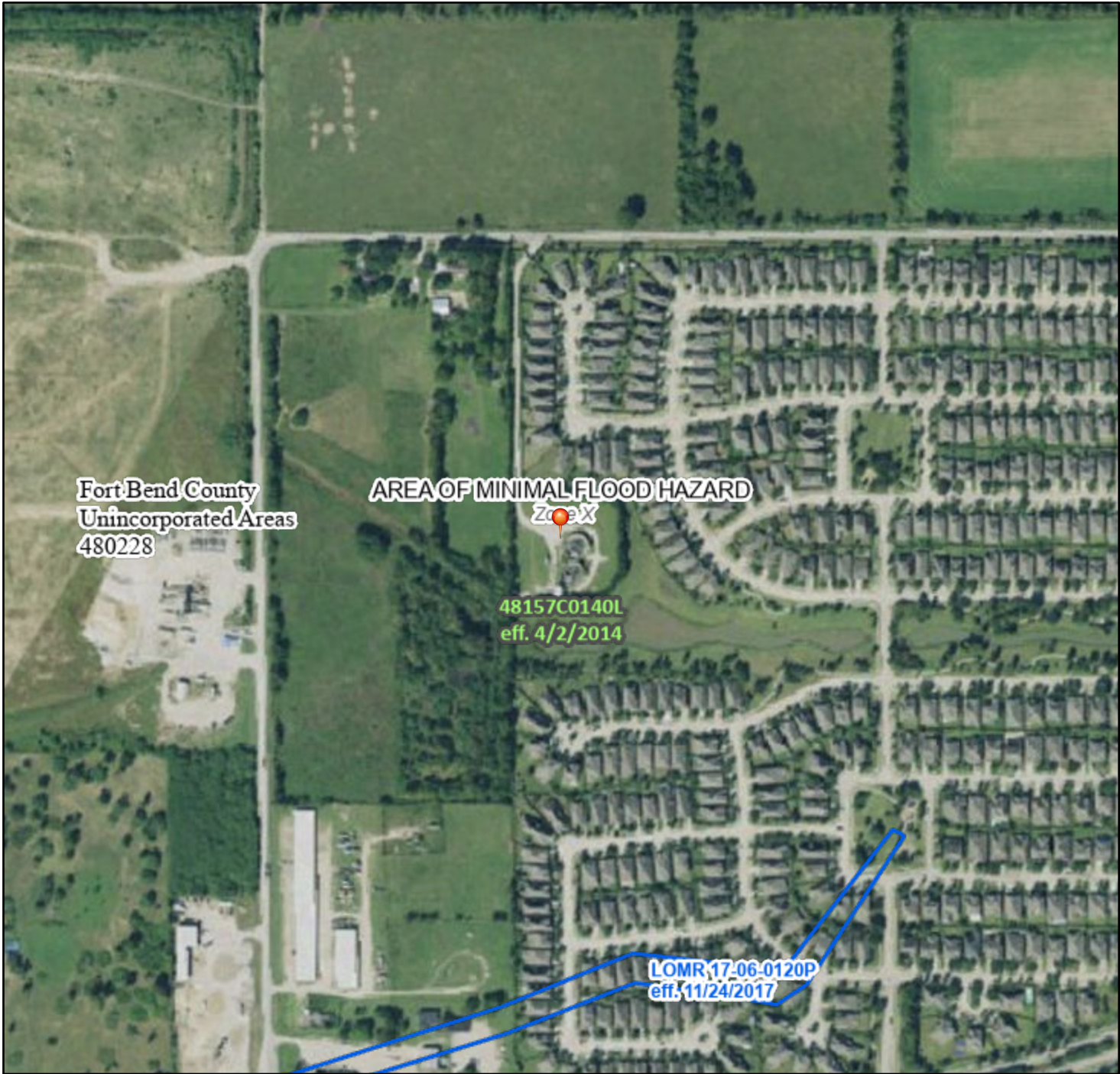
Return Sludge Pumps

Max	400	gpd/sf	442	gpm
Min	200	gpd/sf	221	gpm

National Flood Hazard Layer FIRMMette



95°41'59"W 29°40'13"N



1:6,000

95°41'21"W 29°39'41"N

Basemap Imagery Source: USGS National Map 2023

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

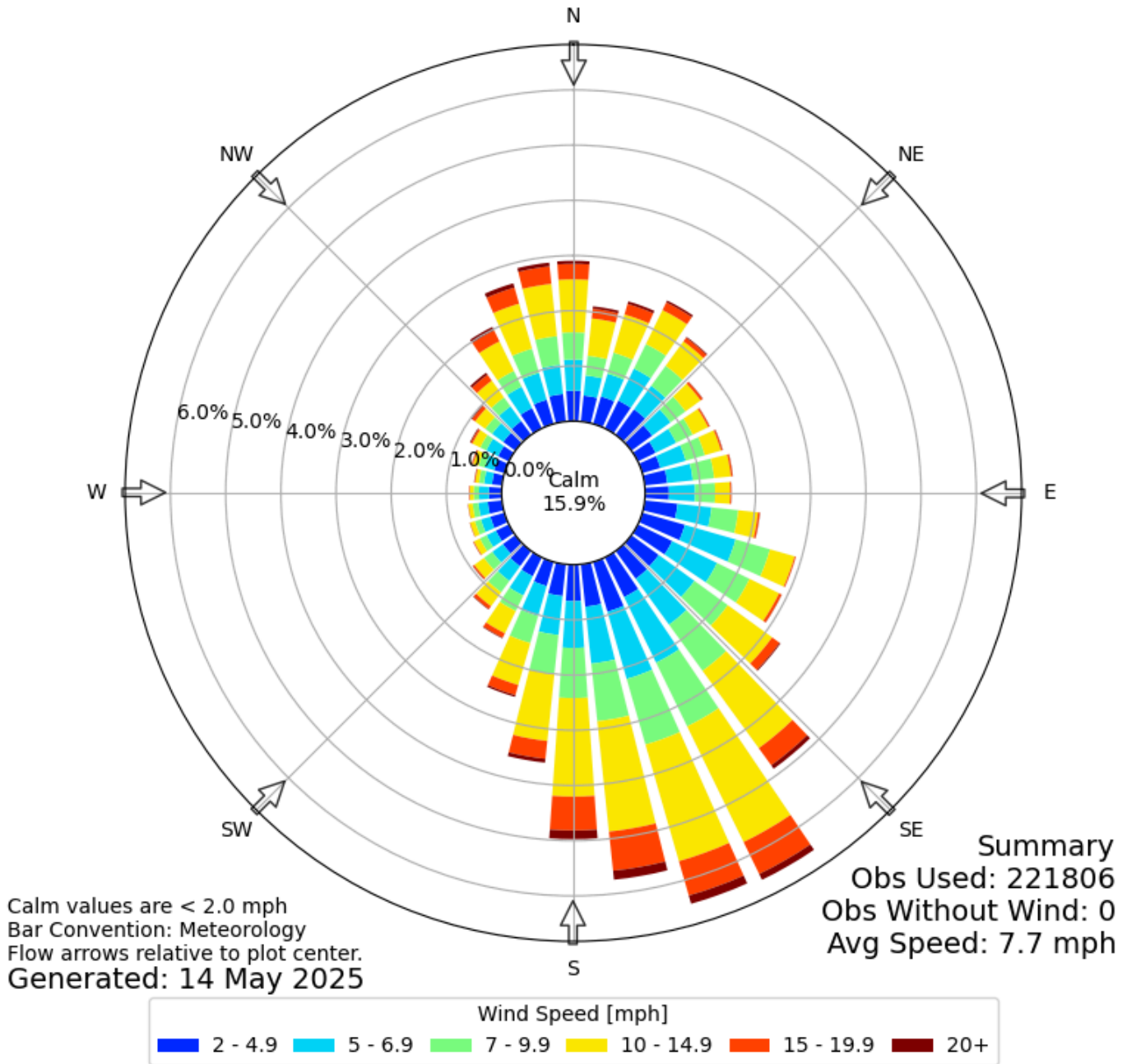
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/13/2025 at 12:48 AM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Windrose Plot for [SGR] HOUSTON/HULL FIELD

Obs Between: 01 Jul 1996 06:47 AM - 14 May 2025 06:53 AM America/Chicago



Monthly Climatology: (click thumbnail)

January

[View raw data](#)

FORT BEND COUNTY MUD 134A

Sludge Management Plan

Exist - 0.60 MGD

Influent Design Flow	0.6 MGD
Influent BOD ₅ Concentration	300 mg/L
Aerobic Digester Volume	195,632 Gal
Aeration Basin MLSS	3000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	1501	1126	751	375
Pounds (lbs) of digested dry sludge produced*	525	394	263	131
Pounds (lbs) of wet sludge produced	26271	19703	13136	6568
Gallons (Gal) of wet sludge produced	3150	2363	1575	788

*Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD₅ at average temperature and 2.0% solids concentration in the digester

Sludge will be wasted from the RAS flow stream to the aerobic digester.

Sludge solids will be stabilized in the digester

Supernatant will be decanted from the digester and returned to the plant headworks for treatment.

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	7	10	15	30

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required.

The calculated mean cell residence time (MCRT) for the digester storage volume of 195631.92 gal will be approximately 62 days at 100% capacity and annual average digested sludge produced of 525 ppd.

FORT BEND COUNTY MUD 134A

Sludge Management Plan

Ultimate - 0.96 MGD

Influent Design Flow	0.96 MGD
Influent BOD ₅ Concentration	325 mg/L
Aerobic Digester Volume	272,736 Gal
Aeration Basin MLSS	3000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	2602	1952	1301	651
Pounds (lbs) of digested dry sludge produced*	911	683	455	228
Pounds (lbs) of wet sludge produced	45536	34152	22768	11384
Gallons (Gal) of wet sludge produced	5460	4095	2730	1365

*Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD₅ at average temperature and 2.0% solids concentration in the digester

Sludge will be wasted from the RAS flow stream to the aerobic digester.

Sludge solids will be stabilized in the digester

Supernatant will be decanted from the digester and returned to the plant headworks for treatment.

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	6	8	12	24

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required.

The calculated mean cell residence time (MCRT) for the digester storage volume of 272735.76 gal will be approximately 49 days at 100% capacity and annual average digested sludge produced of 911 ppd.

December 5, 2025

VIA EMAIL

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

Re: Application to Amend Permit No. WQ0014715001 (EPA I.D. No. TX0128791)
Applicant Name: Fort Bend County Municipal Utility District No. 134A (CN603653288)
Site Name: Fort Bend County MUD No. 134A WWTP No. 1 (RN104956511)
Type of Application: Major amendment (without renewal)
LJA Job No. 1882-2501

Dear Ms. Ellis,

Below are your comments and our responses to your letter dated November 24, 2025 regarding the permit application for proposed permit number WQ0014715001:

1. Comment: Please submit a copy of the complete application: Provide a copy via mailing address below, with the complete application, including technical report and attachments.

Mailing address:
P.O. Box 13087
Austin, Texas 78711

Response: A complete copy of the application was sent to the address above.

2. Comment: Landowner labels: Please list each name and address to be capitalized, contain no punctuation, and the appropriate two-character abbreviation must be used for the state. Each entity must be blocked and space consecutively. The format is required by the Postal Service for machine readability. In addition, do not include the numbers used to cross-reference the landowners on the landowners' map. The mailing list should be the name and address only. Please provide a mailing list via MS Word document typed in format mentioned and as an example seen below. (Avery label 5160 format 3 columns across, 10 columns down for a total of 30 labels per page.)

EXAMPLES:

SHARMAN DUNN
RR 1 BOX 34
SEA TX 76724

MR AND MRS EDWARD PEABODY
1405 MONTAGUE LN
SEA TX 76710-1234

BRIAR LP
PO BOX 249
SEA TX 76710-0249

Response: Please see the attached landowners list word document.

3. Comment: The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

APPLICATION. Fort Bend County Municipal Utility District No. 134A, c/o Coats Rose, 9 Greenway Plaza, Suite 1000, Houston, Texas 77046, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014715001 (EPA I.D. No. TX0128791) to authorize an increase of the discharge of treated wastewater to a volume not to exceed a daily average flow of 960,000 gallons per day. The domestic wastewater treatment facility is located at 1706 Madden Road, in the city of Richmond, in Fort Bend County, Texas 77407. The discharge route is from the plant site to Red Gully, thence to Upper Oyster Creek. (pending RWA) TCEQ received this application on November 18, 2025. The permit application will be available for viewing and copying at Sugar Land Branch Library, behind reference desk, 550 Eldridge Road, Sugar Land, Texas prior to the date this notice is published in the newspaper. The application is available for viewing and copying at the following webpage:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=95.694166,29.665555&level=18>

Further information may also be obtained from Fort Bend County Municipal Utility District No. 134A at the address stated above or by calling Mrs. Margaret Gillentine, P.E., Program Manager, LJA, Engineering, Inc, at 713-953-5100.

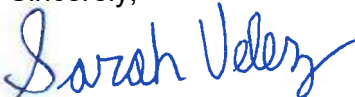
Response: There are no comments on the above NORI.

4. Comment: The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

Response: Please see attached translated NORI.

Please contact me if you have any questions or need additional information at 713.341.8093 or by email at svelez@lja.com.

Sincerely,



Sarah Velez
Project Manager

Attachment(s)

- Landowners List (Word)
- NORI in Spanish (Word)

Fort Bend Independent School District
16431 Lexington BLVD
Sugar Land TX 77479-2308

Reed Alicia
10006 Esslemont CT
Richmond TX 77407-1626

West Realty LLC
13907 Emerald Forest CT
Sugar Land TX 77498-2660

Chaundry, Sumaira
10002 Esslemont CT
Richmond, TX 77407-162

Polara Raish
10018 Esslemont CT
Richmond TX 77407-1626

Celiz-Mukhi Cynthia Jasmine & Deep S
Mukhi
10010 Esslemont CT
Richmond TX 77407-1626

Zaveri Rafiq Rajab & Hamida Rajab
10014 Esslemont CT
Richmond TX 77407-1626

Nguyen Joe
10030 Esslemont CT
Richmond TX 77407-1626

Pham Keane
10022 Esslemont CT
Richmond TX 77407-1626

Engineer Vimalkumar C &
Jignashababen V
10026 Esslemont CT
Richmond TX 77407-1626

Majumder Jayanta & Rita
17623 Sandalisle LN
Richmond TX 77407-2851

Patel Cinni
10034 Esslemont CT
Richmond TX 77407-1626

Roberts Mary K & Kenneth Kyle
10038 Esslemont CT
Richmond TX 77407

Mathew Gigi Thankachan & Mathew
Joseph
17611 Sandalisle LN
Richmond TX 77407-2851

Reyes Miguel B & Maria C
17619 Sandalisle LN
Richmond TX 77407-2851

Nguyen Kimdung Thi & Trung Giang
17615 Sandalisle LN
Richmond TX 77407-2851

Patel Sonya
17615 Sauki LN
Richmond TX 77407-2839

Bagga Amit
17623 Sauki LN
Richmond TX 77407-2839

Parmar Sumita & Paimesh Sumita
17619 Sauki LN
Richmond TX 77407-2839

Long Louis C & Shirley
17603 Sauki LN
Richmond TX 77407-2839

Shah Jigar R & Nisha J
17611 Sauki LN
Richmond TX 77407-2839

Qasim Ahmed & Mehrun Nisa Ahmed
17607 Sauki LN
Richmond TX 77407-2839

Aviles Axel & Maria Y
17531 Sauki LN
Richmond TX 77407-2837

Garcia-Aldana Arturo & Sandra
Sanchez-Rangel
17527 Sauki LN
Richmond TX 77407-2837

Fort Bend County MUD #134C
3 Greenway PLZ
Houston TX 77046-0307

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 MODIFICACION

PERMISO NO. WQ00

SOLICITUD. *Fort Bend County Municipal Utility District No. 134A, c/o Coats Rose, 9 Greenway Plaza, Suite 1000, Houston, Texas 77046*, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para modificar el Permiso No. WQ0014715001 (EPA I.D. No. TX 0128791) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar *un aumento en la descarga de aguas residuales tratadas a un volumen que no supere un caudal promedio diario de 960,000 galones por día*. La planta está ubicada *1706 Madden Road* en el Condado de *Fort Bend County*, Texas *77407*. La ruta de descarga es del sitio de la planta a *hasta Red Gully, y de allí hasta Upper Oyster Creek (pendiente RWA)*. La TCEQ recibió esta solicitud el *November 18, 2025*. La solicitud para el permiso estará disponible para leerla y copiarla en *Sugar Land Branch Library, atrás de el escritotio de referencia 550 Eldridge Road, Sugar Land, Texas* antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.694166,29.665555&level=18>

[Include the following non-italicized sentence if the facility is located in the Coastal Management Program boundary and is an application for a major amendment which will increase the pollutant loads to coastal waters or would result in relocation of an outfall to a critical areas, or a renewal with such a major amendment. The Coastal Management Program boundary is the area along the Texas Coast of the Gulf of México as depicted on the map in 31 TAC §503.1 and includes part or all of the following counties: Cameron, Willacy, Kenedy, Kleberg, Nueces, San Patricio, Aransas, Refugio, Calhoun, Victoria, Jackson, Matagorda, Brazoria, Galveston, Harris, Chambers, Jefferson y Orange. If the application is for amendment that does ot meet the above description, do not include the sentence: El Director Ejecutivo de la TCEQ ha revisado esta medida para ver si está de acuerdo con los objetivos y las regulaciones del Programa de Administración Costero de Texas (CMP) de acuerdo con las regulaciones del Consejo Coordinador de la Costa (CCC) y ha determinado que la acción es conforme con las metas y regulaciones pertinentes del CMP.

AVISO 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. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

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

También se puede obtener información adicional del *Fort Bend County Municipal Utility District No. 134A* a la dirección indicada arriba o llamando a *Mrs. Margaret Gillentine, P.E., Program Manager, LJA, Engineering, Inc,* al 713-953-5100.

Fecha de emisión: *[Date notice issued]*