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

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.

City of Montgomery (CN600644892) operates Stewart Creek Wastewater Treatment Plant (RN105021836), an activated sludge treatment plant. The facility is located southwest of the intersection of FM 2854 and State Highway 105, approximately 1,100 feet west of FM 2854 and approximately 600 feet south of State Highway 105, in the City of Montgomery, Montgomery County, Texas 77356. The applicant is proposing to amend the existing TPDES permit to increase the final phase discharge rate to 800,000 gallons per day of treated domestic wastewater into existing outfall 001.

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 plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a future dechlorination chamber.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

El Ciudad de Montgomery (CN600644892) opera Planta de tratamiento de aguas residuales de Stewart Creek (RN105021836), una Planta de tratamiento de lodos activados. La instalación está ubicada al suroeste de la intersección de FM 2854 y State Highway 105, aproximadamente 1,100 pies al oeste de FM 2854 y aproximadamente 600 pies al sur de State Highway 105, en el Ciudad de Montgomery, Condado de Montgomery, Texas 77356. El solicitante propone enmendar el permiso TPDES existente para aumentar la tasa de descarga de la fase final a 800,000 galones por día de aguas residuales domésticas tratadas en el desagüe 001 existente.

Se espera que las descargas de la instalación contengan demanda bioquímica carbonosa de oxígeno (CBOD5) durante cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Aguas residuales domésticas. está tratado por una planta de procesamiento de lodos activados y las unidades de tratamiento incluyen una criba de barras, una cámara de arena, cuencas de aireación, clarificadores finales, digestores de lodos, un filtro prensa de banda, cámaras de contacto de cloro y una futura cámara de decloración..

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0014737001

APPLICATION. City of Montgomery, P.O. Box 708, Montgomery, Texas 77356, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014737001 (EPA I.D. No. TX0128031) to authorize an interim phase and an increase in the discharge of treated wastewater to a volume not to exceed a daily averge flow of 800,000 gallons per day**.** The domestic wastewater treatment facility is located approximately 1,730 miles southwest of the intersection of State Highway 105 and Farm-to-Market Road 2854, near the city of Montgomery, in Montgomery County, Texas 77356. The discharge route is from the plant site to an unnamed ditch, thence to Stewart Creek, thence to Lake Conroe. TCEQ received this application on September 3, 2025. The permit application will be available for viewing and copying at Charles B. Stewart – West Branch Library, reference desk, 202 Bessie Price Owens Drive, Montgomery, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.681666,30.386111&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 City of Montgomery at the address stated above or by calling Mr. Christopher Todd, P.E., Ward, Getz & Associates LLC, at 832-413-5342.

Issuance Date: September 26, 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. WQ0014737001

SOLICITUD. Ciudad de Montgomery, P.O. Box 708, Montgomery, Texas 77356, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para modificar el Permiso No. WQ0014737001 (EPA I.D. No. TX 0128031) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) autorizar una fase interina y un aumento en el vertido de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario de 800,000 galones por día. La planta de tratamiento de aguas residuales domésticas está ubicada aproximadamente a 1,730 millas al suroeste de la intersección de la Carretera Estatal 105 y la Ruta de Mercado 2854, cerca de la ciudad de Montgomery, en el Condado de Montgomery, Texas 77356. La ruta de descarga es del sitio de la planta a una zanja sin nombre, de allí a Stewart Creek, de allí a una parte dragada de Stewart Creek que es parte del lago Conroe. La TCEQ recibió esta solicitud el septiembre 3, 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Charles B. Stewart – Biblioteca West Branch, mostrador de referencia, 202 Bessie Price Owens Drive, Montgomery, 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=95.681666,30.386111&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 especifico. Si desea que se agrega 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 de la Ciudad de Montgomery a la dirección indicada arriba o llamando Sr. Christopher Todd, P.E., Ward, Getz & Associates LLC al 832-413-5342.

Fecha de emisión: 26 de septiembre de 2025

September 2, 2025

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC148)
P.O. Box 13087
Austin, Texas 78711-3087

Re: City of Montgomery (CN600644892)
Cedar Creek 291 Wastewater Treatment Plant (RN105021836)
TPDES Permit Application (MAJOR AMENDMENT)
PERMIT NO. WQ0014737001

Water Quality Division:

Ward, Getz, and Associates LLC is submitting a complete Texas Pollutant Discharge Elimination System (TPDES) Permit Application for the proposed Stewart Creek Wastewater Treatment Plant on behalf of the City of Montgomery. Please find attached one (1) original and two (2) copies of the TPDES permit application. An electronic copy has been uploaded to TCEQ's FTP Server and sent to WQDeCopy@tceq.texas.gov.

The permit application fee was paid via check and mailed to the TCEQ Financial Administration Division. Please see the attached copy of the [electronic voucher/check].

If you have any questions, or require any additional information, please contact Audrey Anderson at 346-771-5311, or by email at aanderson@wga-llc.com.

Sincerely,

Audrey Anderson
Project Engineer
Ward, Getz & Associates LLC

September 2, 2025

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

Re: City of Montgomery (CN600644892)
Cedar Creek 291 Wastewater Treatment Plant (RN105021836)
TPDES Permit Application (MAJOR AMENDMENT)
PERMIT NO. WQ0014737001

Water Quality Division:

Ward, Getz, and Associates, LLC is submitting a complete Texas Pollutant Discharge Elimination System (TPDES) Permit Application for the expansion of the existing Stewart Creek Wastewater Treatment Plant on behalf of the City of Montgomery. Please find enclosed one (1) check in the amount of **$1,650.00** for the TPDES permit application fee to amend the existing permit.

If you have any questions, or require any additional information, please contact Audrey Anderson at 346-771-5311, or by email at aanderson@wga-llc.com.

Sincerely,

Audrey Anderson
Project Engineer
Ward, Getz & Associates LLC

TCEQ APPLICATION FOR TPDES PERMIT WQ0014737001 MAJOR AMENDMENT

FOR

STEWART CREEK WWTP (RN05021836)

IN

Montgomery County, Texas

ON BEHALF OF

THE CITY OF MONTGOMERY (CN600644892)

BY

WARD, GETZ & ASSOCIATES, PLLC
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, TX 77063
713.789.1900

SEPTEMBER 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: City of Montgomery

PERMIT NUMBER (If new, leave blank): WQ0014737001

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

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

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region_____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

Flow	New/Major Amendment	Renewal
<0.05 MGD	$350.00 ☐	$315.00 ☐
≥0.05 but <0.10 MGD	$550.00 ☐	$515.00 ☐
≥0.10 but <0.25 MGD	$850.00 ☐	$815.00 ☐
≥0.25 but <0.50 MGD	$1,250.00 ☐	$1,215.00 ☐
≥0.50 but <1.0 MGD	$1,650.00 ☒	$1,615.00 ☐
≥1.0 MGD	$2,050.00 ☐	$2,015.00 ☐

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed Check/Money Order Number: 13788

Check/Money Order Amount: $1,650.00

Name Printed on Check: Ward, Getz & Associates LLP

EPAY Voucher Number: N/A

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

☒ Publicly Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Water Treatment

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

☒ Active ☐ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: The proposed amendment includes the creation of an interim phase and the addition of a new final phase.

f. For existing permits:

Permit Number: WQ00 14737001

EPA I.D. (TPDES only): TX 0128031

Expiration Date: 05/10/2027

Section 3. Facility Owner (Applicant) and Co-Applicant Information (Instructions Page 26)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

City of Montgomery

(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: 600644892

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: Ms. Last Name, First Name: Countryman, Sara

Title: Mayor Credential: Click to enter text.

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

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

N/A.

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the

legal documents forming the entity.)

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

CN: N/A.

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

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

Title: N/A. Credential: N/A.

Provide a brief description of the need for a co-permittee: N/A.

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Todd, Christopher

Title: Project Manager Credential: P.E.

Organization Name: Ward, Getz & Associates, LLC.

Mailing Address: 2500 Tanglewilde Street City, State, Zip Code: Houston, Texas 77063

Phone No.: 832-413-5342 E-mail Address: ctodd@wga-llc.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Ms. Last Name, First Name: Anderson, Audrey

Title: Project Engineer Credential: Click to enter text.

Organization Name: Ward, Getz & Associates, LLC.

Mailing Address: 2500 Tanglewilde Street City, State, Zip Code: Houston, Texas 77063

Phone No.: 713-789-1900 E-mail Address: aanderson@wga-llc.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Walker, Brent

Title: City Administrator Credential: Click to enter text.

Organization Name: City of Montgomery

Mailing Address: 101 Old Plantersville City, State, Zip Code: Montgomery, TX 77316

Phone No.: 936-597-6434 E-mail Address: bwalker@ci.montgomery.tx.us

B. Prefix: Mr. Last Name, First Name: Roznovsky, Chris

Title: Practice Leader Credential: P.E.

Organization Name: Ward, Getz & Associates LLC.

Mailing Address: 4526 Research Forest, Suite 360 City, State, Zip Code: The Woodlands, TX 77381

Phone No.: 713-789-1900 E-mail Address: croznovsky@wga-llc.com

Section 6. Billing Contact Information (Instructions Page 27)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits ***in effect on September 1 of each year***. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix: Mr. Last Name, First Name: Carl, Maryann

Title: Bookkeeper Credential: Click to enter text.

Organization Name: City of Montgomery

Mailing Address: P.O. Box 708 City, State, Zip Code: Montgomery, Texas 77356

Phone No.: 936-597-6434 E-mail Address: mcarl@ci.montgomery.tx.us

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: Lewis, Brian

Title: Operator Credential: Click to enter text.

Organization Name: Hays Utility North

Mailing Address: 375 Lake Meadows Drive City, State, Zip Code: Montgomery, TX 77316

Phone No.: 936-588-1166 E-mail Address: BLucas@hayswater.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Todd, Christopher

Title: Project Manager Credential: P.E.

Organization Name: Ward, Getz & Associates, LLC.

Mailing Address: 2500 Tanglewilde City, State, Zip Code: Houston, Texas 77063

Phone No.: 832-413-5342 E-mail Address: ctodd@wga-llc.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mr. Last Name, First Name: Todd, Christopher

Title: Project Manager Credential: P.E.

Organization Name: Ward, Getz & Associates

Mailing Address: 2500 Tanglewilde City, State, Zip Code: Houston, Texas 77063

Phone No.: 832-413-5342 E-mail Address: ctodd@wga-llc.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: Charles B. Stewart – West Branch Library

Location within the building: Reference Desk

Physical Address of Building: 202 Bessie Price Owen Drive, Montgomery, Texas 77356

City: Montgomery County: Montgomery

Contact (Last Name, First Name): Click to enter text.

Phone No.: 936-788-8314 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: Appendix B

G. Public Involvement Plan Form

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

Attachment: Appendix C

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 105021836

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):

Stewart Creek WWTP

C. Owner of treatment facility: City of Montgomery

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

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

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

Title: N/A. Credential: N/A.

Organization Name: City of Montgomery

Mailing Address: 101 Old Plantersville Road City, State, Zip Code: Montgomery, Texas 77316

Phone No.: (936) 597-6434 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: N/A Last Name, First Name: N/A

Title: N/A Credential: N/A

Organization Name: N/A

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

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

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

Attachment: N/A

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

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

Title: N/A Credential: N/A

Organization Name: N/A

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

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

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☒ Yes ☐ No

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

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): City of Montgomery

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

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☒ No

If **yes**, indicate by a check mark if:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment: N/A

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

Click to enter text.

B. City nearest the disposal site: 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.

N/A

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: 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: WQ0014737001

Applicant: City of Montgomery

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): Sara Countryman

Signatory title: City of Montgomery Mayor

Signature: Sara Countryman Date: August 22, 2025

(Use blue ink)

Subscribed and Sworn to before me by the said Mayor Countryman

on this 22ND day of AUGUST, 2025.

My commission expires on the 22ND day of October, 2028.

Diana Titus

Notary Public

[SEAL]

DIANA TITUS
My Notary ID # 132717443
Expires October 22, 2028

MONTGOMERY

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: 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

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Appendix F

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

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

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

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

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

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

E-mail Address: Click to enter text.

CN: Click to enter text.

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

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

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

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

Summary of Application (in Plain Language) ☐ Yes

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.400

2-Hr Peak Flow (MGD): 1.20

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

B. 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

C. Final Phase

Design Flow (MGD): 0.800

2-Hr Peak Flow (MGD): 2.40

Estimated construction start date: 07/01/2027

Estimated waste disposal start date: 07/01/2028

D. Current Operating Phase

Provide the startup date of the facility: 2010

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 Appendix I – Treatment Process Descriptions

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 **Appendix J – Treatment Unit Descriptions**		

C. Process Flow Diagram

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

Attachment: Appendix K – Process Flow Diagram

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

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

- Latitude: 30.385898°
- Longitude: -95.681288°

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

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

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

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

Attachment: Appendix L – Site Drawing

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

The Stewart Creek Wastewater Treatment Facility serves the residences, businesses, and commercial operations located within the corporate city limits of the City of Montgomery, Texas.

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

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
City of Montgomery Collection System	City of Montgomery	**Publicly Owned**	
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

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.

N/A

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: Unknown

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

Buffer zone requirements are currently meet through an existing sanitary control easement that extends 150-ft from the existing wastewater treatment plant site boundary.

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*.

The existing permit requires the permittee to provide facilities for the protection of its wastewater treatment facility from a 100-year flood. The existing wastewater treatment facility is located outside of the 100-year flood plain and as such does not require additional facilities for protection against a 100-year flood.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

N/A

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

N/A

4. *Grease and decanted liquid disposal*

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

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

N/A

E. Stormwater management

1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. *Conditional exclusion*

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

☐ Yes ☐ No

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

N/A

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

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

☐ Yes ☐ No

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

N/A

5. ***Zero stormwater discharge***

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

☐ Yes ☐ No

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

N/A

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

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

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

☐ Yes ☐ No

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

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

N/A

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

N/A

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

N/A

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

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

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

☐ Yes ☒ No

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

N/A

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 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). **W*ater treatment facilities*** discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	3.41	3.41	1	Grab	07/17/2025 @ 0720
Total Suspended Solids, mg/l	14.8	14.8	1	Grab	07/17/2025 @ 0720
Ammonia Nitrogen, mg/l	0.0590	0.0590	1	Grab	07/17/2025 @ 0720
Nitrate Nitrogen, mg/l	12.1	12.1	1	Grab	07/17/2025 @ 0720
Total Kjeldahl Nitrogen, mg/l	1.57	1.57	1	Grab	07/17/2025 @ 0720
Sulfate, mg/l	30.8	30.8	1	Grab	07/17/2025 @ 0720
Chloride, mg/l	196	196	1	Grab	07/17/2025 @ 0720
Total Phosphorus, mg/l	4.54	4.54	1	Grab	07/17/2025 @ 0720
pH, standard units	7.64	7.64	1	Grab	07/17/2025 @ 0720
Dissolved Oxygen*, mg/l	7.41	7.41	1	Grab	07/17/2025 @ 0720
Chlorine Residual, mg/l	1.21	1.21	1	Grab	07/17/2025 @ 0720
E.coli (CFU/100ml) freshwater	14.8	14.8	1	Grab	07/17/2025 @ 0720
Entercocci (CFU/100ml) saltwater	25.6	25.6	1	Grab	07/17/2025 @ 0720
Total Dissolved Solids, mg/l	670	670	1	Grab	07/17/2025 @ 0720
Electrical Conductivity, µmohs/cm, †	1180	1180	1	Grab	07/17/2025 @ 0720
Oil & Grease, mg/l	<5.00U	<5.00U	1	Grab	07/17/2025 @ 0720
Alkalinity ($CaCO_3$)*, mg/l	182	182	1	Grab	07/17/2025 @ 0720

*TPDES permits only
†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	N/A				
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Aluminum, mg/l					
Alkalinity ($CaCO_3$), mg/l					

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Philip Wright

Facility Operator's License Classification and Level: A

Facility Operator's License Number: WW0057858

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

B. WWTP's 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: Click to enter text.

C. Sewage Sludge or Biosolids Management

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

Biosolids Management

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

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

D. Disposal site

Disposal site name: El Celoso

TCEQ permit or registration number: 0004518000

County where disposal site is located: Waller

E. Transportation method

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

Name of the hauler: K-3 Environmental Resources

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

  Attachment: Click to enter text.
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click to enter text.
- Federal Emergency Management Map:

  Attachment: Click to enter text.
- Site map:

  Attachment: Click to enter text.

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

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

Attachment: Click to enter text.

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

N/A

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: 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 $1x10^{-7}$ cm/sec?

☐ Yes ☐ No

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

N/A

D. Site development plan

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

N/A

Attach the following documents to the application.

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

  Attachment: 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:

N/A

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 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: Sara Countryman

Title: City of Montgomery Mayor

Signature: Sara Countryman

Date: August 22, 2025

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

Current wastewater projections for the City of Montgomery estimate a significant increase in development within the Stewart Creek Wastewater Treatment Facility's service area. The proposed wastewater flows from these developments are projected to be greater than the current permitted discharge from this facility. An amended permit would allow for the proper treatment and discharge of this flow. In anticipation of the projected flows an approximate construction date of July 2027 is set for the proposed final phase with the facility expected to be operational by July 2028. Anticipated construction dates may vary as needed.

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: Appendix M

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: Appendix M

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

Attachment: N/A

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): 0.400 MGD

Average Influent Organic Strength or BOD_5 Concentration in mg/l: Click to enter text.

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

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

Click to enter text.

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality	Phase I (Interim)– 0.40 MGD Phase II (Final) – 0.80 MGD	Phase I (Interim) – 300 Phase II (Final) – 300
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	Phase I (Interim)– 0.40 MGD Phase II (Final) – 0.80 MGD	
AVERAGE BOD_5 from all sources		Phase I (Interim) – 300 Phase II (Final) – 300

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

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10.0

Total Suspended Solids, mg/l: 15.0

Ammonia Nitrogen, mg/l: 2.0

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4.0

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

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

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10.0

Total Suspended Solids, mg/l: 10.0

Ammonia Nitrogen, mg/l: 2.0

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4.0

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 2.0 mg/l after 20 minutes detention time at peak flow

Dechlorination process: N/A

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

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: Appendix N – Process Calculations

Section 5. Facility Site (Instructions Page 59)

A. 100-year floodplain

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

☒ Yes ☐ No

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

Click to enter text.

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

Click to enter text.

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If yes, provide the permit number: Click to enter text.

If no, provide the approximate date you anticipate submitting your application to the Corps: Click to enter text.

B. Wind rose

Attach a wind rose: Click to enter text.

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

A. Beneficial use authorization

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

☐ Yes ☐ No

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

B. Sludge processing authorization

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

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

Attach a solids management plan to the application.

Attachment: Click to enter text.

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

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

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☐ No

If **no**, proceed it 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: Click to enter text.

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.

Click to enter text.

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.

Click to enter text.

Date and time of observation: Click to enter text.

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

Section 5. General Characteristics of the Waterbody (Instructions Page 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
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☐ Agricultural runoff
☐ Other(s), specify: Click to enter text.

B. Waterbody uses

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

- ☐ Livestock watering
- ☐ Irrigation withdrawal
- ☐ Fishing
- ☐ Domestic water supply
- ☐ Park activities
- ☐ Contact recreation
- ☐ Non-contact recreation
- ☐ Navigation
- ☐ Industrial water supply
- ☐ Other(s), specify: Click to enter text.

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

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

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

Section 1. General Information (Instructions Page 65)

Date of study: Click to enter text. Time of study: Click to enter text.

Stream name: Click to enter text.

Location: Click to enter text.

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

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: Click to enter text.

Number of stream bends that are moderately defined: Click to enter text.

Number of stream bends that are poorly defined: Click to enter text.

Number of riffles: Click to enter text.

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

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

Click to enter text.

Stream transects

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

Table 2.1(1) - Stream Transect Records

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

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: Click to enter text.

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

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: Click to enter text.

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: Click to enter text.

Average stream velocity, in feet/second: Click to enter text.

Instantaneous stream flow, in cubic feet/second: Click to enter text.

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

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

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

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

Identify the method of land disposal:

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

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

For existing authorizations, provide Registration Number: Click to enter text.

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

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

Table 3.0(1) – Land Application Site Crops

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

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

Table 3.0(2) – Storage and Evaporation Ponds

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

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

Attachment: Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

Click to enter text.

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

Click to enter text.

Section 5. Annual Cropping Plan (Instructions Page 67)

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

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

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

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

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

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

Table 3.0(3) – Water Well Data

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

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

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 68)

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

Attachment: Click to enter text.

Are groundwater monitoring wells available onsite? ☐ Yes ☐ No

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

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

Attachment: Click to enter text.

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

A. Soil map

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

Attachment: Click to enter text.

B. Soil analyses

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

Attachment: Click to enter text.

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

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number

Section 9. Effluent Monitoring Data (Instructions Page 70)

Is the facility in operation?

☐ Yes ☐ No

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

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

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

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

Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

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

Section 1. Surface Disposal (Instructions Page 71)

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

A. Irrigation

Area under irrigation, in acres: Click to enter text.

Design application frequency:

hours/day Click to enter text. **And** days/week Click to enter text.

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

Design application rate in acre-feet/acre/year: Click to enter text.

Design total nitrogen loading rate, in lbs N/acre/year: Click to enter text.

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

Method of application: Click to enter text.

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

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: Click to enter text.

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

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: Click to enter text.

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

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

Void ratio of soil in the beds: Click to enter text.

Storage volume within the beds, in acre-feet: Click to enter text.

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

Attachment: Click to enter text.

D. Overland flow

Area used for application, in acres: Click to enter text.

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

Design application rate, in gpm/foot of slope width: Click to enter text.

Slope length, in feet: Click to enter text.

Design BOD_5 loading rate, in lbs BOD_5/acre/day: Click to enter text.

Design application frequency:

hours/day: Click to enter text. **And** days/week: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 72)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

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

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

Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

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

Application area, in acres: Click to enter text.

Area of drainfield, in square feet: Click to enter text.

Application rate, in gal/square foot/day: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

Area of trench, in square feet: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Number of beds: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Infiltration rate, in inches/hour: Click to enter text.

Storage volume, in gallons: Click to enter text.

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

Soil Classification: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

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

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

Section 1. Administrative Information (Instructions Page 74)

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

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

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

A. Type of system

☐ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click to enter text.

B. Irrigation operations

Application area, in acres: Click to enter text.

Infiltration Rate, in inches/hour: Click to enter text.

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

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

Storage volume, in gallons: Click to enter text.

Major soil series: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

C. Application rate

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

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

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

☐ Yes ☐ No

Hydraulic application rate, in gal/square foot/day: Click to enter text.

Nitrogen application rate, in lbs/gal/day: Click to enter text.

D. Dosing information

Number of doses per day: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Rest period between doses, in hours: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Number of zones: Click to enter text.

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

Section 3. Required Plans (Instructions Page 74)

A. Recharge feature plan

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

Attachment: Click to enter text.

B. Soil evaluation

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

Attachment: Click to enter text.

C. Site preparation plan

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

Attachment: Click to enter text.

D. Soil sampling/testing

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

Attachment: Click to enter text.

Section 4. Floodway Designation (Instructions Page 75)

A. Site location

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

☐ Yes ☐ No

B. Flood map

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

Attachment: Click to enter text.

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

A. Buffer Map

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

Attachment: Click to enter text.

B. Buffer variance request

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

☐ Yes ☐ No

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

Attachment: Click to enter text.

Section 6. Edwards Aquifer (Instructions Page 75)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 76)

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

Grab ☐ Composite ☐

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

Table 4.0(1) – Toxics Analysis

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

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

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

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

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

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

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

Section 2. Priority Pollutants

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

Grab ☐ Composite ☐

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

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

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

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

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

Table 4.0(2)B – Volatile Compounds

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

Table 4.0(2)C – Acid Compounds

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

Table 4.0(2)D – Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

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

* For PCBS, if all are non-detects, enter the highest non-detect preceded by a “<”.

Section 3. Dioxin/Furan Compounds

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

☐ 2,4,5-trichlorophenoxy acetic acid

Common Name 2,4,5-T, CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid

Common Name Silvex or 2,4,5-TP, CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate

Common Name Erbon, CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

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

Click to enter text.

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

☐ Yes ☐ No

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

Click to enter text.

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

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

Grab ☐ Composite ☐

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

Table 4.0(2)F – Dioxin/Furan Compounds

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

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

7-day Chronic: Click to enter text.

48-hour Acute: Click to enter text.

Section 2. Toxicity Reduction Evaluations (TREs)

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

☐ Yes ☐ No

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

Click to enter text.

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following **is required** for **all publicly owned treatment works**.

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

Significant IUs – non-categorical:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

Other IUs:

Number of IUs: Click to enter text.

Average Daily Flows, in MGD: Click to enter text.

B. Treatment plant interference

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

☐ Yes ☐ No

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

Click to enter text.

C. Treatment plant pass through

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

☐ Yes ☐ No

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

Click to enter text.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☐ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☐ No

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

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

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

A. Substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

B. Non-substantial modifications

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

☐ Yes ☐ No

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

Click to enter text.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

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

A. General information

Company Name: Click to enter text.

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

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

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

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

Click to enter text.

C. Product and service information

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

Click to enter text.

D. Flow rate information

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

Process Wastewater:

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

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

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

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the *i*nstructions?

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: Click to enter text.

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

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

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

☐ Yes ☐ No

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

Click to enter text.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

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

For TCEQ Use Only
Reg. No._____
Date Received_____
Date Authorized_____

Section 1. General Information (Instructions Page 90)

1. TCEQ Program Area

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

Program ID: Click to enter text.

Contact Name: Click to enter text.

Phone Number: Click to enter text.

2. Agent/Consultant Contact Information

Contact Name: Click to enter text.

Address: Click to enter text.

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

Phone Number: Click to enter text.

3. Owner/Operator Contact Information

☐ Owner ☐ Operator

Owner/Operator Name: Click to enter text.

Contact Name: Click to enter text.

Address: Click to enter text.

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

Phone Number: Click to enter text.

4. Facility Contact Information

Facility Name: Click to enter text.

Address: Click to enter text.

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

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

Facility Contact Person: Click to enter text.

Phone Number: Click to enter text.

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

Latitude: Click to enter text.

Longitude: Click to enter text.

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

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

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

Number of Injection Wells: Click to enter text.

7. **Purpose**

Detailed Description regarding purpose of Injection System:

Click to enter text.

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

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: Click to enter text.

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

Phone Number: Click to enter text.

License Number: Click to enter text.

Section 2. Proposed Down Hole Design

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

Table 7.0(1) – Down Hole Design Table

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

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

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

System(s) Dimensions: Click to enter text.

System(s) Construction: Click to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: Click to enter text.

2. Receiving Formation Name of Injection Zone: Click to enter text.

3. Well/Trench Total Depth: Click to enter text.

4. Surface Elevation: Click to enter text.

5. Depth to Ground Water: Click to enter text.

6. Injection Zone Depth: Click to enter text.

7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No

Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: Click to enter text.

Thickness: Click to enter text.

8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

Attach as Attachment E.

9. Horizontal and Vertical extent of contamination and injection plume

Attach as Attachment F.

10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.

Attach as Attachment G.

11. Injection Fluid Chemistry in PPM at point of injection

Attach as Attachment H.

12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: Click to enter text.

13. Maximum injection Rate/Volume/Pressure: Click to enter text.

14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.

15. Injection wells within 1/4 mile radius (attach map as Attachment J): Click to enter text.

16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.

17. Sampling frequency: Click to enter text.

18. Known hazardous components in injection fluid: Click to enter text.

Section 5. Site History

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

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

Class V Injection Well Designations

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

Appendices

Appendix A

Core Data Form

Appendix B

Plain Language Summary

Appendix C

Public Involvement Plan

Appendix D

Original Photographs

Appendix E

Buffer Zone Map

Appendix F

SPIF Form & SPIF USGS Map

Appendix G

Original USGS Map

Appendix H

Landowners Map and Cross-Referenced List

Appendix I

Treatment Process Description

Appendix J

Treatment Unit Descriptions

Appendix K

Flow Diagram

Appendix L

Site Drawing

Appendix M

CCN Service Request

Appendix N

Design Calculations

Appendix O

Wind Rose

Appendix P

Solids Management Plan

Appendix Q

Lab Analysis Results

Appendix A

Core Data Form

TCEQ Use Only

TCEQ CORE DATA FORM

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

1. SECTION I: GENERAL INFORMATION

1. Reason for Submission *(If other is checked please describe in space provided.)*

☐ New Permit, Registration or Authorization *(Core Data Form should be submitted with the program application.)*

☐ Renewal *(Core Data Form should be submitted with the renewal form)*

☒ Other **Major Amendment**

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 600644892		**RN 105021836**

2. SECTION II: CUSTOMER INFORMATION

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

☐ New Customer ☒ Update to Customer Information ☐ Change in Regulated Entity Ownership

☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

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

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

City of Montgomery

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

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited

Government: ☒ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

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

13. Independently Owned and Operated?
☐ Yes ☒ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☒ Owner ☐ Operator ☐ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:

City of Montgomery
P.O. Box 708

City	Montgomery	**State**	TX	**ZIP**	77356	**ZIP + 4**	

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

18. Telephone Number	**19. Extension or Code**	**20. Fax Number** *(if applicable)*
(936) 597-6434		( ) -

3. SECTION III: REGULATED ENTITY INFORMATION

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

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

Stewart Creek Wastewater Treatment Plant

23. Street Address of the Regulated Entity: *(No PO Boxes)*	N/A							
	N/A							
	City	N/A	**State**	NA	**ZIP**		**ZIP + 4**	
24. County	Montgomery							

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

25. Description to Physical Location:	Located southwest of the intersection of FM 2854 and State Highway 105, approximately 1,100 feet west of FM 2854 and approximately 600 feet south of State Highway 105.

26. Nearest City	**State**	**Nearest ZIP Code**
Montgomery	TX	77356

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	30.386143°		**28. Longitude (W) In Decimal:**	-95.681872°	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30°	23'	10.1148"	95°	40'	54.7392"

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)
4942	N/A	N/A	N/A

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

Municipal Wastewater Treatement

34. Mailing Address:	**City of Montgomery**							
	P.O. Box 708							
	City	**Montgomery**	**State**	**TX**	**ZIP**	**77356**	**ZIP + 4**	
35. E-Mail Address:								

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(936) 597-6434		( ) -

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0014737001			

SECTION IV: PREPARER INFORMATION

40. Name:	Chris Todd	**41. Title:**	Project Manager

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(832) 413-5342		( ) -	CTodd@wga-llc.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:	City of Montgomery	**Job Title:**	Mayor	
Name *(In Print):*	Sara Countryman		**Phone:**	(936) 597- 6434
Signature:	Sara Countryman		**Date:**	August 22, 2025

Appendix B

Plain Language Summary

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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.

City of Montgomery (CN600644892) operates Stewart Creek Wastewater Treatment Plant (RN105021836), an activated sludge treatment plant. The facility is located southwest of the intersection of FM 2854 and State Highway 105, approximately 1,100 feet west of FM 2854 and approximately 600 feet south of State Highway 105, in the City of Montgomery, Montgomery County, Texas 77356. The applicant is proposing to amend the existing TPDES permit to increase the final phase discharge rate to 800,000 gallons per day of treated domestic wastewater into existing outfall 001.

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 plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a future dechlorination chamber.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

El Ciudad de Montgomery (CN600644892) opera Planta de tratamiento de aguas residuales de Stewart Creek (RN105021836), una Planta de tratamiento de lodos activados. La instalación está ubicada al suroeste de la intersección de FM 2854 y State Highway 105, aproximadamente 1,100 pies al oeste de FM 2854 y aproximadamente 600 pies al sur de State Highway 105, en el Ciudad de Montgomery, Condado de Montgomery, Texas 77356. El solicitante propone enmendar el permiso TPDES existente para aumentar la tasa de descarga de la fase final a 800,000 galones por día de aguas residuales domésticas tratadas en el desagüe 001 existente.

Se espera que las descargas de la instalación contengan demanda bioquímica carbonosa de oxígeno (CBOD5) durante cinco días, sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Aguas residuales domésticas. está tratado por una planta de procesamiento de lodos activados y las unidades de tratamiento incluyen una criba de barras, una cámara de arena, cuencas de aireación, clarificadores finales, digestores de lodos, un filtro prensa de banda, cámaras de contacto de cloro y una futura cámara de decloración..

Appendix C

Public Involvement Plan

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.

Not located within the listed geographical locations.

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

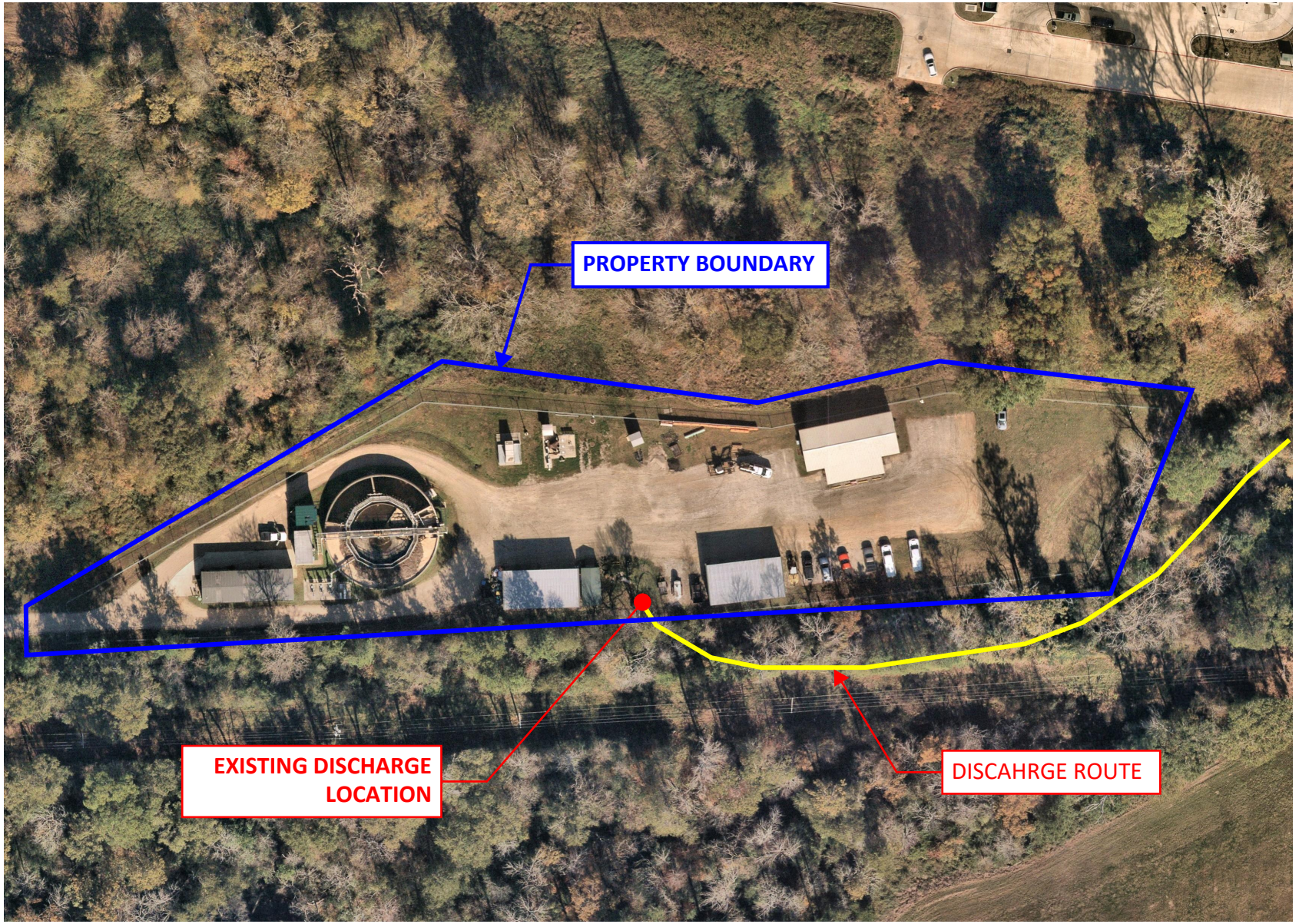
☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

Appendix D

Original Photographs



NOT TO SCALE

EXHIBIT TITLE: **ORIGINAL PHOTOGRAPH MAP**

LOCATION: **STEWART CREEK WASTEWATER TREATMENT PLANT**

DATE ISSUED: **JULY 2025**

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

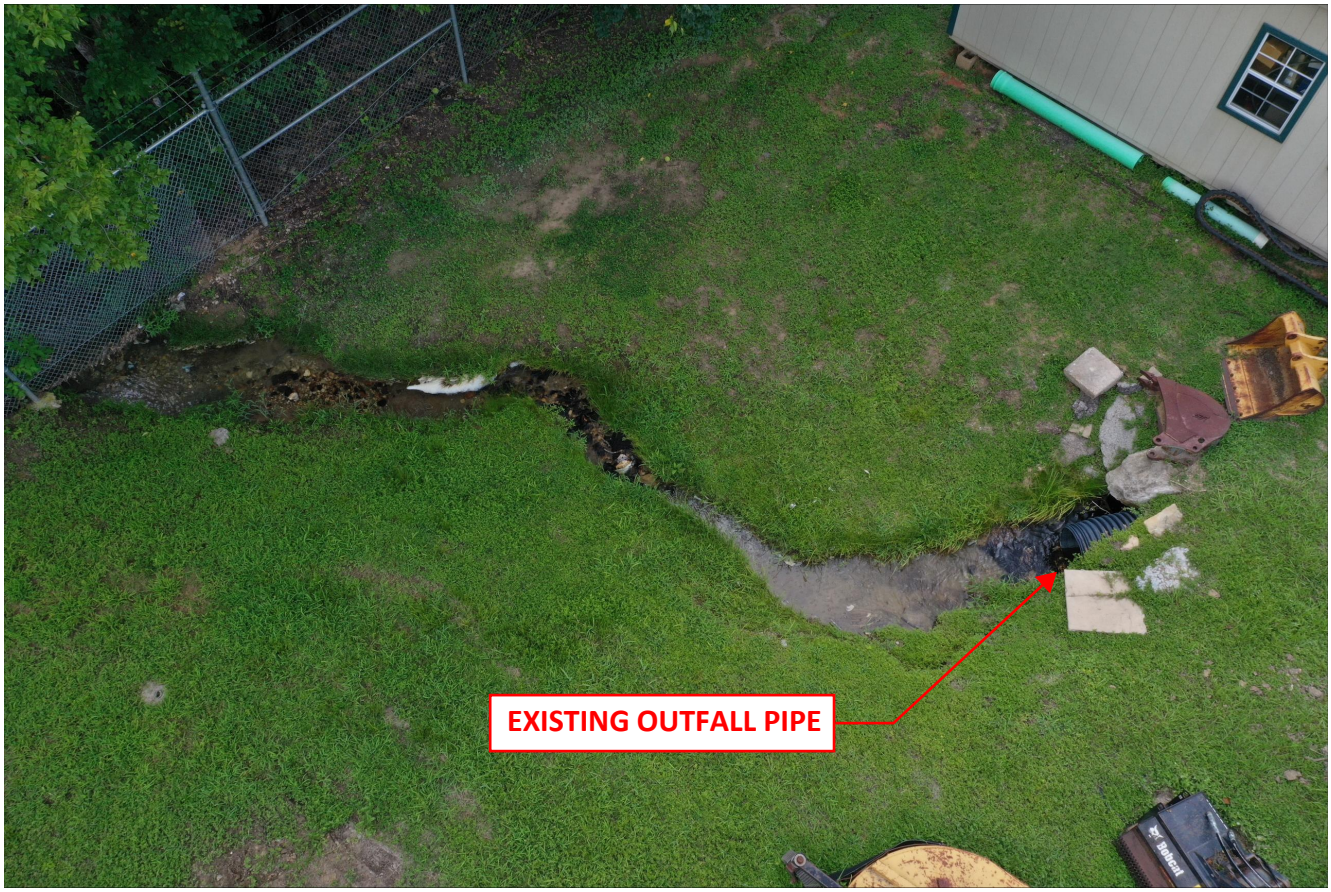
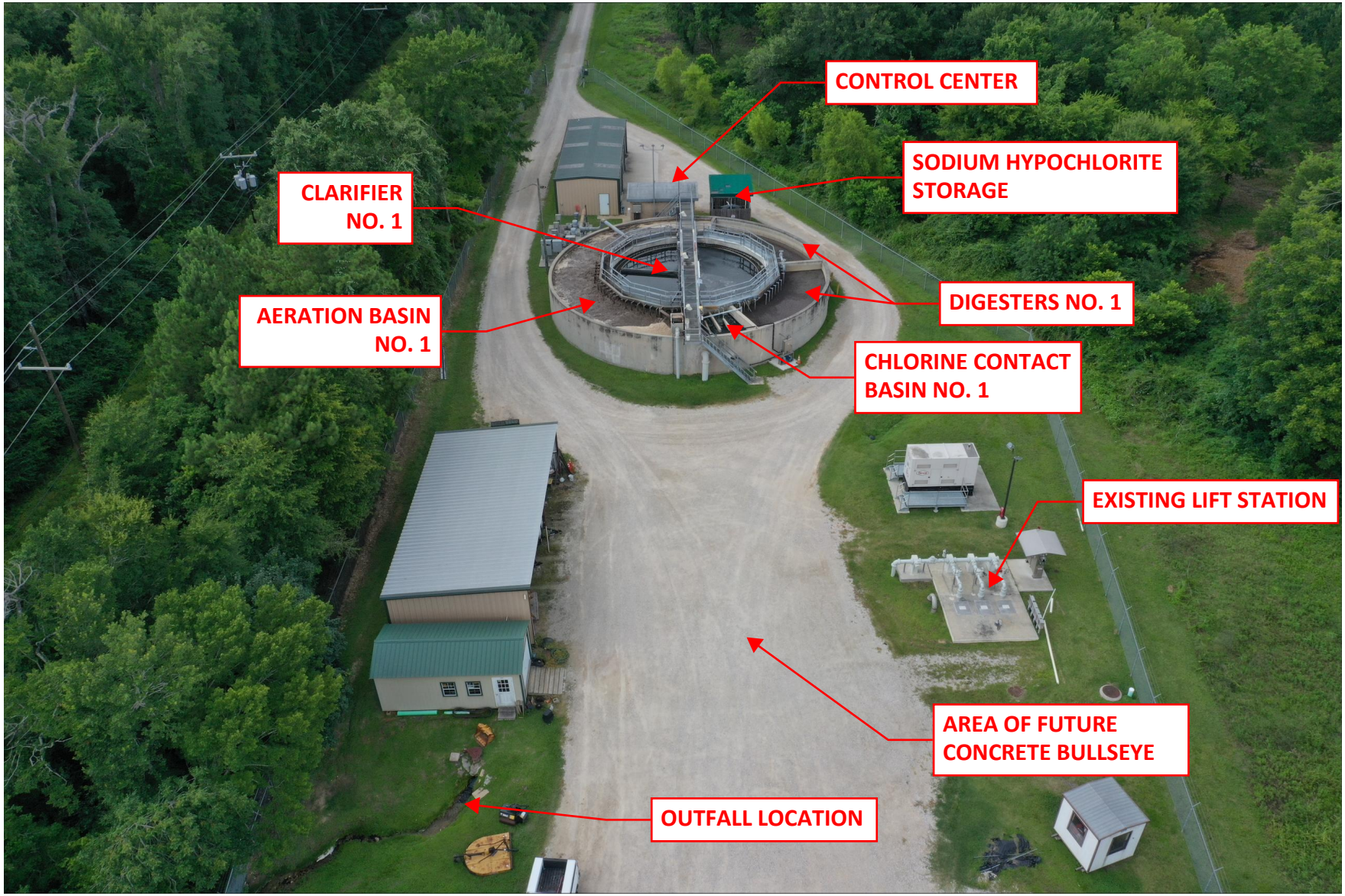


EXHIBIT TITLE: **UPSTREAM/DOWNSTREAM PHOTOGRAPH**

LOCATION: **STEWART CREEK WASTEWATER TREATMENT PLANT**

DATE ISSUED: **JULY 2025**

TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900



NOT TO SCALE

N

EXHIBIT TITLE: **ORIGINAL PHOTOGRAPH MAP**

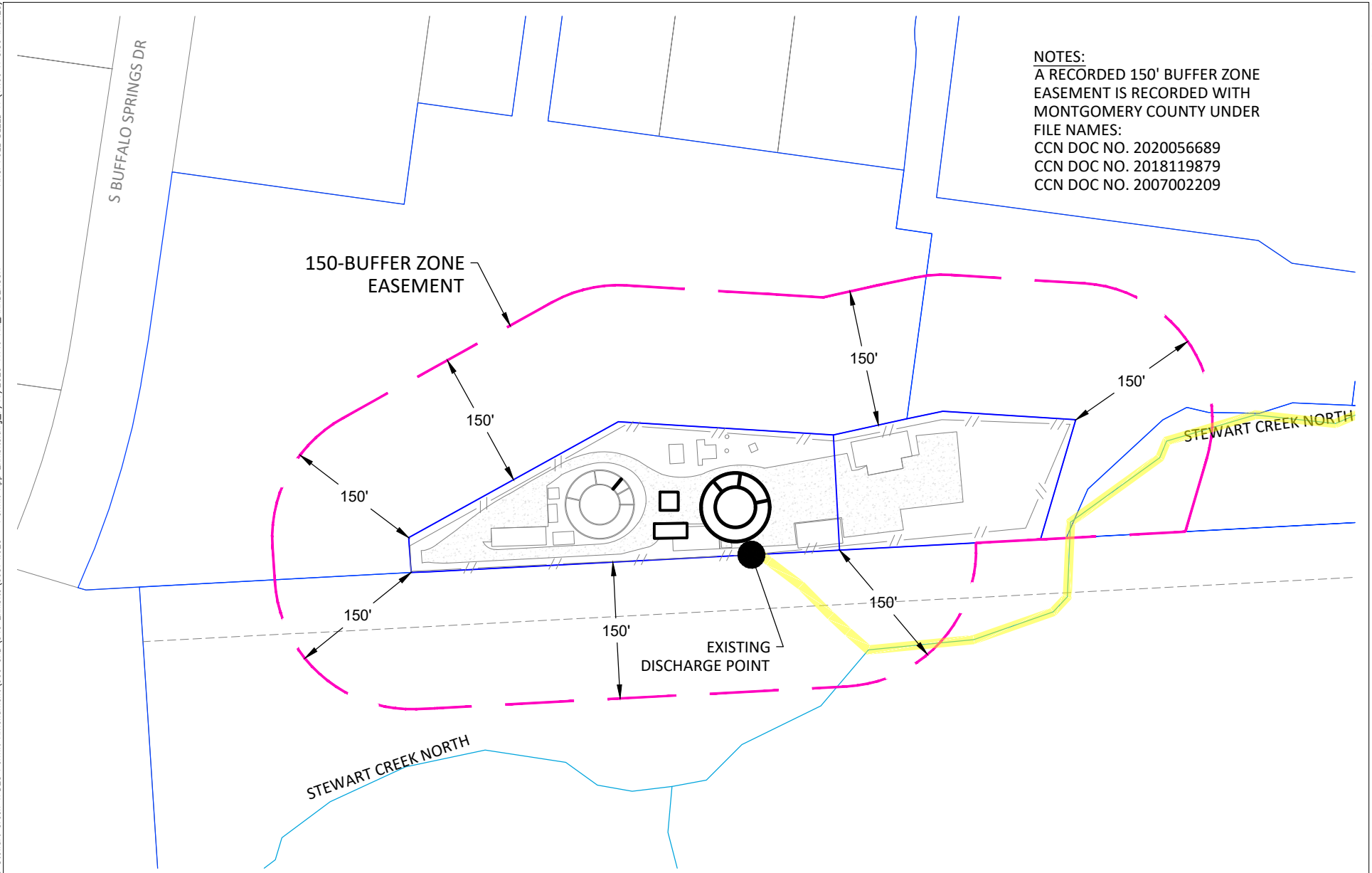
LOCATION: **STEWART CREEK WASTEWATER TREATMENT PLANT**

DATE ISSUED: **JULY 2025**

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

Appendix E

Buffer Zone Map



NOTES:
A RECORDED 150' BUFFER ZONE EASEMENT IS RECORDED WITH MONTGOMERY COUNTY UNDER FILE NAMES:
CCN DOC NO. 2020056689
CCN DOC NO. 2018119879
CCN DOC NO. 2007002209

0 150 300
SCALE: 1" = 150'

N

EXHIBIT TITLE: BUFFER ZONE MAP

LOCATION: CITY OF MONTGOMERY
STEWART CREEK WASTEWATER TREATMENT PLANT

DATE ISSUED: July 17, 2025

TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

Appendix F

SPIF Form & SPIF USGS Map

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: City of Montgomery

   Permit No. WQ00 14737001 EPA ID No. TX 0128031

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

   Located southwest of the intersection of FM 2854 and State Highway 105, approximately 1,100 feet west of FM 2854 and approximately 600 feet south of State Highway 105.

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): Miss

First and Last Name: Sara

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

Title: Mayor

Mailing Address: 101 Old Plantersville Road

City, State, Zip Code: Montgomery, Texas 77316

Phone No.: 936-597-6434 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: Click here to enter text.

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

Effluent discharges via a 18" corrugated plastic pipe into Stewart Creek North; thence to Lake Conroe (Segment ID 1012).

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):

New below surface piping, proposed concrete basins, and proposed buildings. Depth of excavation is no more than 15-ft.

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

Existing land use is commercial: existing wastewater treatment facility for the city of Montgomery.

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:

2009: Concrete bullseye treatment plant, electrical controls & storage building, chemical storage and feed building | 2014: storage shed | 2016: storage shed (removed in 2023) | 2022: warehouse/storage facility

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

Solely used as commercial property for wastewater treatment facilities since 2008. Prior to 2008, use was pasture land.

USGS science for a changing world

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

The National Map OnDemand Topo

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

-95.7455° 30.4498° — 237 000mE 38 39 40 41 42 43 44 45 46 47 48 — -95.6205° 30.4498°

3371 000mN — 70 69 68 67 66 65 64 63 62 61 60 59 58 — 71 70 69 68 67 66 65 64 63 62 61 60 59 3358 000mN

THREE-MILE RADIUS

ONE-MILE RADIUS

ONE-MILE DOWNSTREAM

2.44 MILES DOWNSTREAM

WWTP/APPLICANT PROPERTY BOUNDARY

DISCHARGE POINT

SAM HOUSTON NATIONAL FOREST

Montgomery

CONROE

Marmack Airport

Scotts Ridge Cemetery

Montgomery Memorial Cemetery

Old Methodist Church Cemetery

New Montgomery Cemetery

Womack - Cawthorn - Sturges Cemetery

Yell Cemetery

Womack Cemetery

Spring Branch Cemetery

Martin Cemetery

Rabon Chapel Cemetery

Keenan Cemetery

Lake Conroe · Peel Lake · Rampy Lake · Stewart Cr · Stewart Lake · Stanley Lake · Fling Pond · Lake Lorraine · Pine Lake · Atkins Cr · Town Cr · Little Lake Cr · Pin Oak Ravine · Gunwile Cr · Landrum Cr · Spring Br · Mounds Br · Mcfair Cr

BAILEY GROVE RD · W FM 1097 · WATSON RANCH RD · HENSON RD · SHARP RD · QUIET HOLLOW · GAY LAKE RD · SIMONTON RD · VINTAGE OAKS DR · PEPPERTREE LOOP · MONTGOMERY CO PARK RD · ARNSWORTH LN · DR MARTIN LUTHER KING DR · COMMUNITY CENTER RD · LONE STAR PKWY · TERRA VISTA CIR · PENINSULA POINT DR · RAMPY DR · FM 1097 · SERENE WATER DR · GRAND PINE DR · GRAND VIEW DR · RENAISSANCE DR · GRANDVIEW BLVD · GRANDVIEW PT · LONE STAR BLVD · HARLEY · ABNER LN · BERKLEY DR · RACETRACK LN · N LIBERTY ST · COLLEGE ST · CLEPPER DR · CAROLINE ST · EVA ST · C B STEWART DR · BUFFALO SPRINGS CIR · FLAGSHIP BLVD · OLD DOBBIN PLANTERSVILLE RD · OLD PLANTERSVILLE RD · HUFFMAN ST · CREEKSIDE TRL · ROLLING MEADOW · LAKEVIEW WAY · BERRECTION DR · WOMACK CEMETERY RD · CISSY S LN · SPRING BRANCH TRL · BLUE GOOSE RD · TRI LAKES RD · N LAKE VIEW RD · S LAKE VIEW RD · LAZY LN · SPRING BRANCH RD · LANDRUM VILLAGE DR · FM 149 · STONE CREEK LN · YELL CEMETERY RD · NICHOLSON RD · PEPPERHILL DR · RIMROCK PASS · FM 2854 · MAIL ROUTE RD · RHONDA LN · KINKAID RD E · RABON CHAPEL RD · FOREST HILLS DR · JACKER RD · KENAN RD · ADOUE RD · CARTWRIGHT RD · KEENAN CUT OFF RD · STREET PAST WALDEN · STEWART CREEK RD · COMMERCE ROW · FREEPORT DR · BIRDSONG LN · HICKORY RIDGE RD · LAKE VIEW DR · CAPE CORAL DR · TANTASY LN · PARADISE LN · TWIN CIRCLES DR · OLD RIVER RD · APRIL WATERS W · APRIL WATERS LN · BLUE HERON DR · OAK LN · E PINE LAKE CIR · W PINE LAKE CIR · S PINE LAKE RD · MAIL ROUTE RD · WALDEN RD · LA COSTA DR · DEL LAGO BLVD · PRESIDIO RD · BALBOA CIR · LA JOLLA CIR · COUNTRY CLUB BLVD · PEBBLE BEACH BLVD · NORTHSHORE DR · RAINTREE DR · WINDSWEPT · LAKEPLAND DR · PARKSIDE BLVD · W COOL BREEZE LN · E COOL BREEZE LN · GRAND HARBOR BLVD · GRAND HARBOR PT · LAKE OAK DR · GREEN COVE DR · W SHORE DR · W SHORE LN · W PINES · W PINES DR · BENTWATER DR W · BENTWATER DR · WEDGEWOOD DR W · WATERFORD WAY · CLUB ISLAND WAY · WICKLOW DR · BENTWOOD DR · CAMDEN HILL DR · CAMDEN HILL W DR · WINDEMERE DR · MONTEREY RD · FOREST LN · SCOTTS RIDGE RD · CEDAR HILL RD · MOUNT PLEASANT RD · WALDING RD · PEARSON RD · RANCHETTE RD · SHORELINE DR · BLUEWATER · BIG OAK DR · FOREST WOODS LN · BOIS D'ARC BEND · LAKETREE DR · ARNSWORTH LN

Scott Ridge

105 · 212 · FM 1097

Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 15R

Data is provided by The National Map (TNM), is the best available at the time of map generation, and includes data content from supporting themes of Elevation, Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover, and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC) Metadata for additional source data information.

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

MN · GN · 1°59′ 35 MILS · 1°21′ 24 MILS

UTM GRID AND 2025 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
TP
Grid Zone Designation
15R

SCALE 1:24 000

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

CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

TEXAS

QUADRANGLE LOCATION

Montgomery	Shepard Hill
Keenan	Cowl Spur

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

Expressway · Secondary Hwy · Ramp · Local Connector · Local Road · 4WD
Interstate Route · US Route · State Route
FS Primary Route · FS Passenger Route · FS High Clearance Route

Check with local Forest Service unit for current travel conditions and restrictions.

7.5-MINUTE TOPO, TX
2025

Appendix G

Original USGS Map

USGS science for a changing world

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

The National Map OnDemand Topo

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

-95.7455° 30.4498° — 237 000mE 38 39 40 41 42 43 44 45 46 47 48 — -95.6205° 30.4498°

3371 000mN — 70 69 68 67 66 65 64 63 62 61 60 59 58 — 71 70 69 68 67 66 65 64 63 62 61 60 59 3358 000mN

THREE-MILE RADIUS

ONE-MILE RADIUS

ONE-MILE DOWNSTREAM

2.44 MILES DOWNSTREAM

WWTP/APPLICANT PROPERTY BOUNDARY

DISCHARGE POINT

SAM HOUSTON NATIONAL FOREST

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Scotts Ridge Cemetery

Montgomery Memorial Cemetery

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BAILEY GROVE RD · W FM 1097 · WATSON RANCH RD · HENSON RD · SHARP RD · QUIET HOLLOW · GAY LAKE RD · SIMONTON RD · VINTAGE OAKS DR · PEPPERTREE LOOP · MONTGOMERY CO PARK RD · ARNSWORTH LN · DR MARTIN LUTHER KING DR · COMMUNITY CENTER RD · LONE STAR PKWY · TERRA VISTA CIR · PENINSULA POINT DR · RAMPY DR · FM 1097 · SERENE WATER DR · GRAND PINE DR · GRAND VIEW DR · RENAISSANCE DR · GRANDVIEW BLVD · GRANDVIEW PT · LONE STAR BLVD · HARLEY · ABNER LN · BERKLEY DR · RACETRACK LN · N LIBERTY ST · COLLEGE ST · CLEPPER DR · CAROLINE ST · EVA ST · C B STEWART DR · BUFFALO SPRINGS CIR · FLAGSHIP BLVD · OLD DOBBIN PLANTERSVILLE RD · OLD PLANTERSVILLE RD · HUFFMAN ST · CREEKSIDE TRL · ROLLING MEADOW · LAKEVIEW WAY · BERRECTION DR · WOMACK CEMETERY RD · CISSY S LN · SPRING BRANCH TRL · BLUE GOOSE RD · TRI LAKES RD · N LAKE VIEW RD · S LAKE VIEW RD · LAZY LN · SPRING BRANCH RD · LANDRUM VILLAGE DR · FM 149 · STONE CREEK LN · YELL CEMETERY RD · NICHOLSON RD · PEPPERHILL DR · RIMROCK PASS · FM 2854 · MAIL ROUTE RD · RHONDA LN · KINKAID RD E · RABON CHAPEL RD · FOREST HILLS DR · JACKER RD · KENAN RD · ADOUE RD · CARTWRIGHT RD · KEENAN CUT OFF RD · STREET PAST WALDEN · STEWART CREEK RD · COMMERCE ROW · FREEPORT DR · BIRDSONG LN · HICKORY RIDGE RD · LAKE VIEW DR · CAPE CORAL DR · TANTASY LN · PARADISE LN · TWIN CIRCLES DR · OLD RIVER RD · APRIL WATERS W · APRIL WATERS LN · BLUE HERON DR · OAK LN · E PINE LAKE CIR · W PINE LAKE CIR · S PINE LAKE RD · MAIL ROUTE RD · WALDEN RD · LA COSTA DR · DEL LAGO BLVD · PRESIDIO RD · BALBOA CIR · LA JOLLA CIR · COUNTRY CLUB BLVD · PEBBLE BEACH BLVD · NORTHSHORE DR · RAINTREE DR · WINDSWEPT · LAKEPLAND DR · PARKSIDE BLVD · W COOL BREEZE LN · E COOL BREEZE LN · GRAND HARBOR BLVD · GRAND HARBOR PT · LAKE OAK DR · GREEN COVE DR · W SHORE DR · W SHORE LN · W PINES · W PINES DR · BENTWATER DR W · BENTWATER DR · WEDGEWOOD DR W · WATERFORD WAY · CLUB ISLAND WAY · WICKLOW DR · BENTWOOD DR · CAMDEN HILL DR · CAMDEN HILL W DR · WINDEMERE DR · MONTEREY RD · FOREST LN · SCOTTS RIDGE RD · CEDAR HILL RD · MOUNT PLEASANT RD · WALDING RD · PEARSON RD · RANCHETTE RD · SHORELINE DR · BLUEWATER · BIG OAK DR · FOREST WOODS LN · BOIS D'ARC BEND · LAKETREE DR · ARNSWORTH LN

Scott Ridge

105 · 212 · FM 1097

Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
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1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 15R

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MN · GN · 1°59′ 35 MILS · 1°21′ 24 MILS

UTM GRID AND 2025 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
TP
Grid Zone Designation
15R

SCALE 1:24 000

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CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

TEXAS

QUADRANGLE LOCATION

Montgomery	Shepard Hill
Keenan	Cowl Spur

ADJOINING QUADRANGLES

ROAD CLASSIFICATION

Expressway · Secondary Hwy · Ramp · Local Connector · Local Road · 4WD
Interstate Route · US Route · State Route
FS Primary Route · FS Passenger Route · FS High Clearance Route

Check with local Forest Service unit for current travel conditions and restrictions.

7.5-MINUTE TOPO, TX
2025

Appendix H

Landowners Map and Cross-Referenced List

MONTGOMERY SH 105 ASSOCIATES
149 COLONIAL ROAD
MANCHESTER CT 06042-2307

HOMEPLACE LANDS LLC
2001 KIRBY DRIVE
HOUSTON TX 77019-6093

MONTGOMERY SH 105 ASSOCIATES
149 COLONIAL ROAD
MANCHESTER CT 06042-2307

CHICK-FIL-A INC
5200 BUFFINGTON RD
ATLANTA GA 30349-2945

MONTGOMERY SH 105 ASSOCIATES
149 COLONIAL ROAD
MANCHESTER CT 06042-2307

MONTGOMERY LADDER 14 LLC
433 N CAMDEN DR
BEVERLY HILLS CA 90210-4435

MILESTONE BUFFALO SPRINGS SC LTD
9800 RICHMOND AVE
HOUSTON TX 77042-4572

SPIRIT OF TEXAS BANK SSB
1386 SPIRIT OF TEXAS WAY
CONROE TX 77301-1894

KAIZEN REAL ESTATE INC
3405 SPECTRUM BLVD
RICHARDSON TX 75082-9705

KENROC FOURTEEN LLC
572 BEACH AIRPORT RD
CONROE TX 77301-7160

HCR VENTURES LTD
4001 W SAM HOUSTON PKWY N
HOUSTON TX 77043-1236

ESTATES OF MIA LAGO LTD
PO BOX 1698
MONTGOMERY TX 77356-1698

LAKE AREA INVESTMENTS LP
PO BOX 1698
MONTGOMERY TX 77356-1698

LAKE AREA INVESTMENTS LP
PO BOX 1698
MONTGOMERY TX 77356-1698

LAKE AREA INVESTMENTS LP
PO BOX 1698
MONTGOMERY TX 77356-1698

LAKE AREA INVESTMENTS LP
PO BOX 1698
MONTGOMERY TX 77356-1698

WATERFRONT LUXURY HOMES LP
PO BOX 1698
MONTGOMERY TX 77356-1698

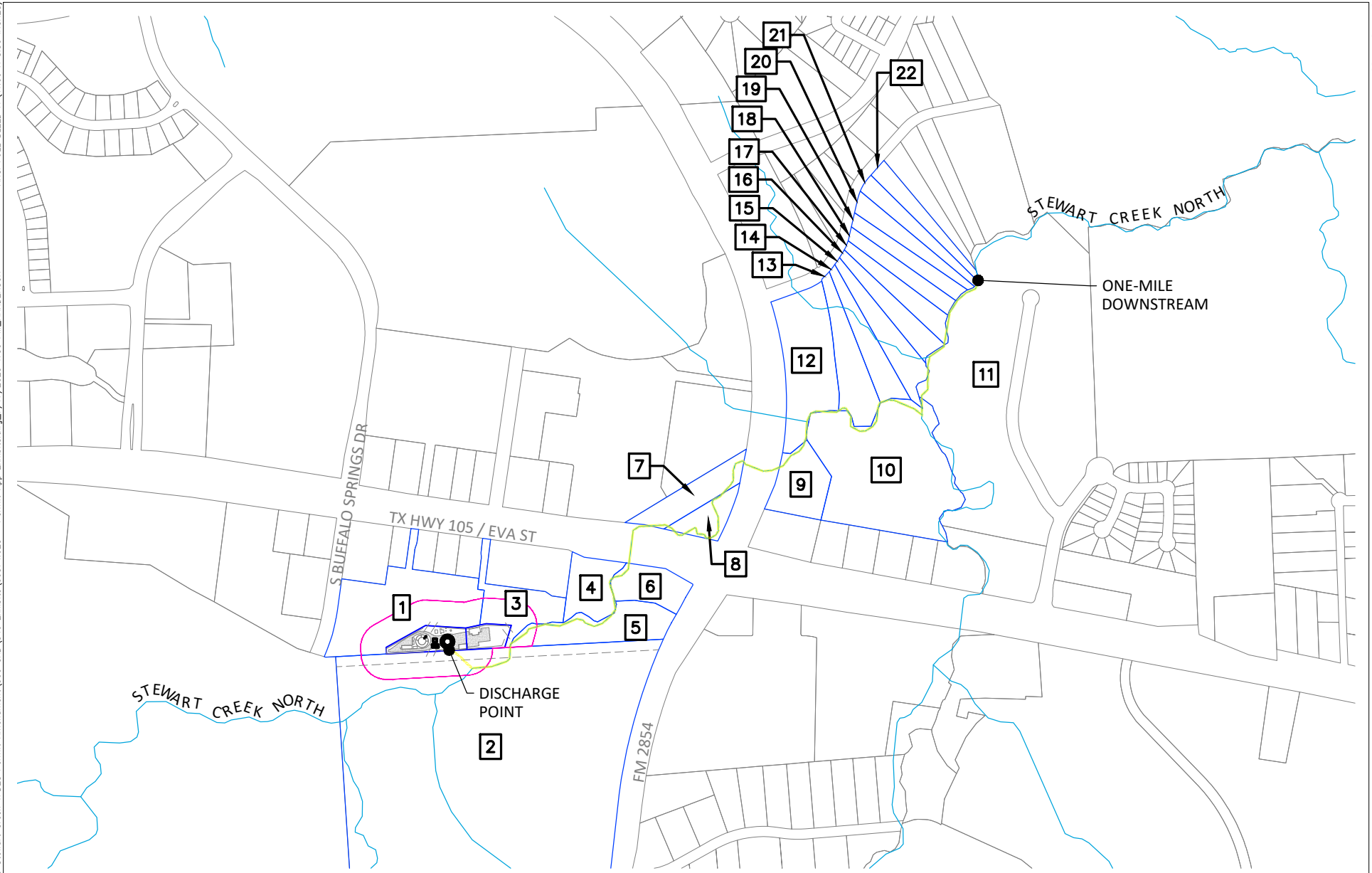
LAKE AREA INVESTMENTS LP
PO BOX 1698
MONTGOMERY TX 77356-1698

LAKE AREA INVESTMENTS LP
PO BOX 1698
MONTGOMERY TX 77356-1698

NICK C & ROBIN LIBERATORE
134 MIA LAGO DR
MONTGOMERY TX 77356-4993

ALEX & DENNIS CONDE LEE
5408 PALM ROYALE BLVD
SUGAR LAND TX 77479-2524

MICHAEL LEE
142 MIA LAGO DR
MONTGOMERY TX 77316



0 800 1600

SCALE: 1" = 800'

EXHIBIT TITLE: AFFECTED LANDOWNERS MAP

LOCATION: CITY OF MONTGOMERY
STEWART CREEK WASTEWATER TREATMENT PLANT

DATE ISSUED: July 17, 2025

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

Ref No.	Owner Name	Owner Mailing Address
1	MONTGOMERY SH 105 ASSOCIATES LLC	149 COLONIAL RD MANCHESTER, CT 06042-2307
2	HOMEPLACE LANDS LLC	2001 KIRBY DR HOUSTON, TX 77019-6093
3	MONTGOMERY SH 105 ASSOCIATES LLC	149 COLONIAL RD MANCHESTER, CT 06042-2307
4	CHICK-FIL-A INC	5200 BUFFINGTON RD ATLANTA, GA 30349-2945
5	MONTGOMERY SH 105 ASSOCIATES LLC	149 COLONIAL RD MANCHESTER, CT 06042-2307
6	MONTGOMERY LADDER 14 LLC	433 N CAMDEN DR BEVERLY HILLS, CA 90210-4435
7	MILESTONE BUFFALO SPRINGS SC LTD	9800 RICHMOND AVE HOUSTON, TX 77042-4572
8	SPIRIT OF TEXAS BANK SSB	1836 SPIRIT OF TEXAS WAY CONROE, TX 77301-1894
9	KAIZEN REAL ESTATE INC	3405 SPECTRUM BLVD RICHARDSON, TX 75082-9705
10	KENROC FOURTEEN LLC	572 BEACH AIRPORT RD CONROE, TX 77301-7160
11	HCR VENTURES LTD	4001 W SAM HOUSTON PKWY N HOUSTON, TX 77043-1236
12	ESTATES OF MIA LAGO LTD	PO BOX 1698 MONTGOMERY, TX 77356-1698
13	LAKE AREA INVESTMENTS LP	PO BOX 1698 MONTGOMERY, TX 77356-1698
14	LAKE AREA INVESTMENTS LP	PO BOX 1698 MONTGOMERY, TX 77356-1698
15	LAKE AREA INVESTMENTS LP	PO BOX 1698 MONTGOMERY, TX 77356-1698
16	LAKE AREA INVESTMENTS LP	PO BOX 1698 MONTGOMERY, TX 77356-1698
17	WATERFRONT LUXURY HOMES LP	PO BOX 1698 MONTGOMERY, TX 77356-1698
18	LAKE AREA INVESTMENTS LP	PO BOX 1698 MONTGOMERY, TX 77356-1698
19	LAKE AREA INVESTMENTS LP	PO BOX 1698 MONTGOMERY, TX 77356-1698
20	LIBERATORE, NICK C & ROBIN	134 MIA LAGO DR MONTGOMERY, TX 77356-4993
21	LEE, ALEX & DENNIS CONDE	5408 PALM ROYALE BLVD SUGAR LAND, TX 77479-2524
22	LEE, MICHAEL	142 MIA LAGO DR MONTGOMERY, TX 77316

Appendix I

Treatment Process Description

Treatment Process Description

Existing Phase I:
Interim Phase I will have the capacity to serve an average daily flow of 0.400 MGD and a 2-hr peak flow of 1,111 GPM. The activated sludge processing plant will utilize an onsite lift station to pump raw influent from the proposed development to the elevated headworks consisting of two (2) manual bar screens. The screened influent will then gravity flow into the aeration basin. From the aeration basin, mixed liquor will be conveyed into the clarifier. The settled effluent will be returned to the aerated activated sludge basins or wasted to the two (2) aerated digester basins. The supernatant from the clarifier will flow over the v-notch weir, into the effluent drop box, and into one (1) aerated chlorine contact basin where flow will be conveyed through baffle walls to facilitate mixing and maintain a minimum contact time of 20-min. Disinfected effluent is then conveyed to the v-notch weir and drop box where it will gravity flow via pipe that outfalls into an onsite swale. This swale ultimately leads to Stewart Creek North.

Proposed Phase II:
Interim Phase II will have the capacity to serve an average daily flow of 0.800 MGD and a 2-hr peak flow of 2,222 GPM. The activated sludge processing plant will utilize an onsite lift station to pump raw influent from the development to the elevated headworks consisting of two (2) manual bar screens. Weir plates in the headworks flow splitting structure will evenly split the screened influent and then gravity flow into each of the two (2) aeration basins within the bullseye treatment plant. From the aeration basins, mixed liquor will be conveyed into their respective clarifiers. The settled effluent will be returned to the aerated activated sludge basins or wasted to the four (4) aerated digester basins. The supernatant from the clarifiers will flow over the v-notch weir, into the effluent drop box, and into the two (2) aerated chlorine contact basins where flow will be conveyed through baffle walls to facilitate mixing and maintain a minimum contact time of 20-min. Disinfected effluent is then conveyed to the v-notch weir and drop box/dechlorination basin where it outfall into an onsite swale via pipe, thence flowing into Stewart Creek North.

Appendix J

Treatment Unit Descriptions

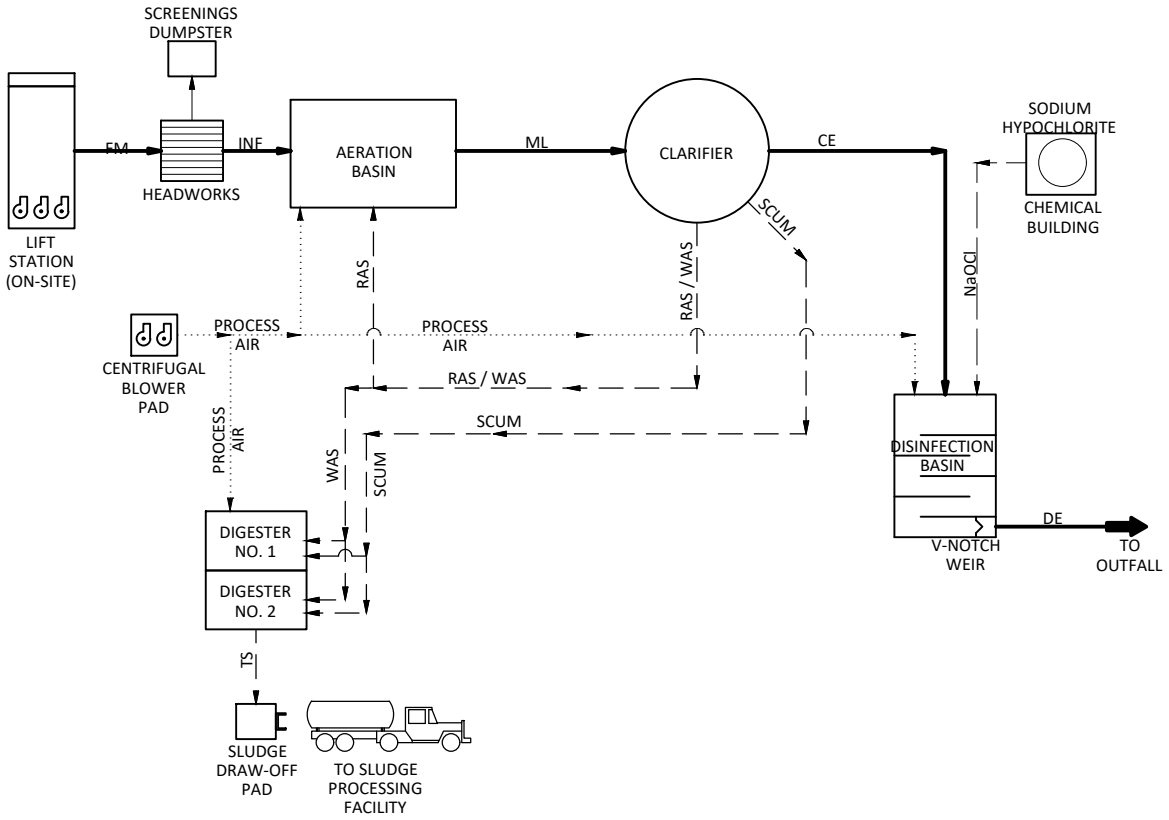
APPENDIX J – TREATMENT UNIT DESCRIPTIONS

EXISTING PHASE I – 0.400 MGD				
Treatment Unit	*L x W x D x SWD*	*Total Volume (ft^3)*		
Aeration Basin 1	100'x14.5'x15.5'x14.5'	20,068		
Total Ph I Aeration Volume		**20,068**		
Digester Basin 1	35.87'x14.5'x15.5'x14.5'	7,281.5		
Digester Basin 2	35.87'x14.5'x15.5'x14.5'	7,281.5		
Total Ph I Digester Volume		**14,563**		
Chlorine Contact Basin 1	14.79'x14.5'x15.5'x12'	2,573		
Total Ph I Disinfection Basin Volume		**2,573**		
Treatment Unit	*Diameter (ft)*	*Surface Area (ft^2)*	*SWD (ft)*	*Total Volume (ft^3)*
Clarifier 1	43	1,452	13.82	20,070
	Total Ph I Clarifier Surface Area	**1,452**	**Total Ph I Clarifier Volume**	**20,070**

PROPOSED PHASE II – 0.800 MGD				
Treatment Unit	*L x W x D x SWD*	*Total Volume (ft^3)*		
Aeration Basin 1	126'x14.5'x15.5'x13.84'	25,286		
Aeration Basin 2	126'x14.5'x15.5'x13.84'	25,286		
Total Ph II Aeration Volume		**50,571**		
Digester Basin 1	30'x14.5'x15.5'x14'	6,090		
Digester Basin 2	30'x14.5'x15.5'x14'	6,090		
Digester Basin 3	30'x14.5'x15.5'x14'	6,090		
Digester Basin 4	30'x14.5'x15.5'x14'	6,090		
Total Ph II Digester Volume		**24,360**		
Chlorine Contact Basin 1	32'x16'x14'x12.5'	6,400		
Total Ph II Disinfection Basin Volume		**6,400**		
Treatment Unit	*Diameter (ft)*	*Surface Area (ft^2)*	*SWD (ft)*	*Total Volume (ft^3)*
Clarifier 1	43	1,452	13.82	20,070
Clarifier 2	43	1,452	13.82	20,070
	Total Ph II Clarifier Surface Area	**2,904**	**Total Ph II Clarifier Volume**	**40,139**

Appendix K

Flow Diagram



LEGEND

MAIN PROCESSES	———
SECONDARY PROCESSES	— — — — —
PROCESS AIR	.....
NON-POTABLE WATER	———
CHEMICAL LINES	—— —— —— ——

ABBREVIATIONS

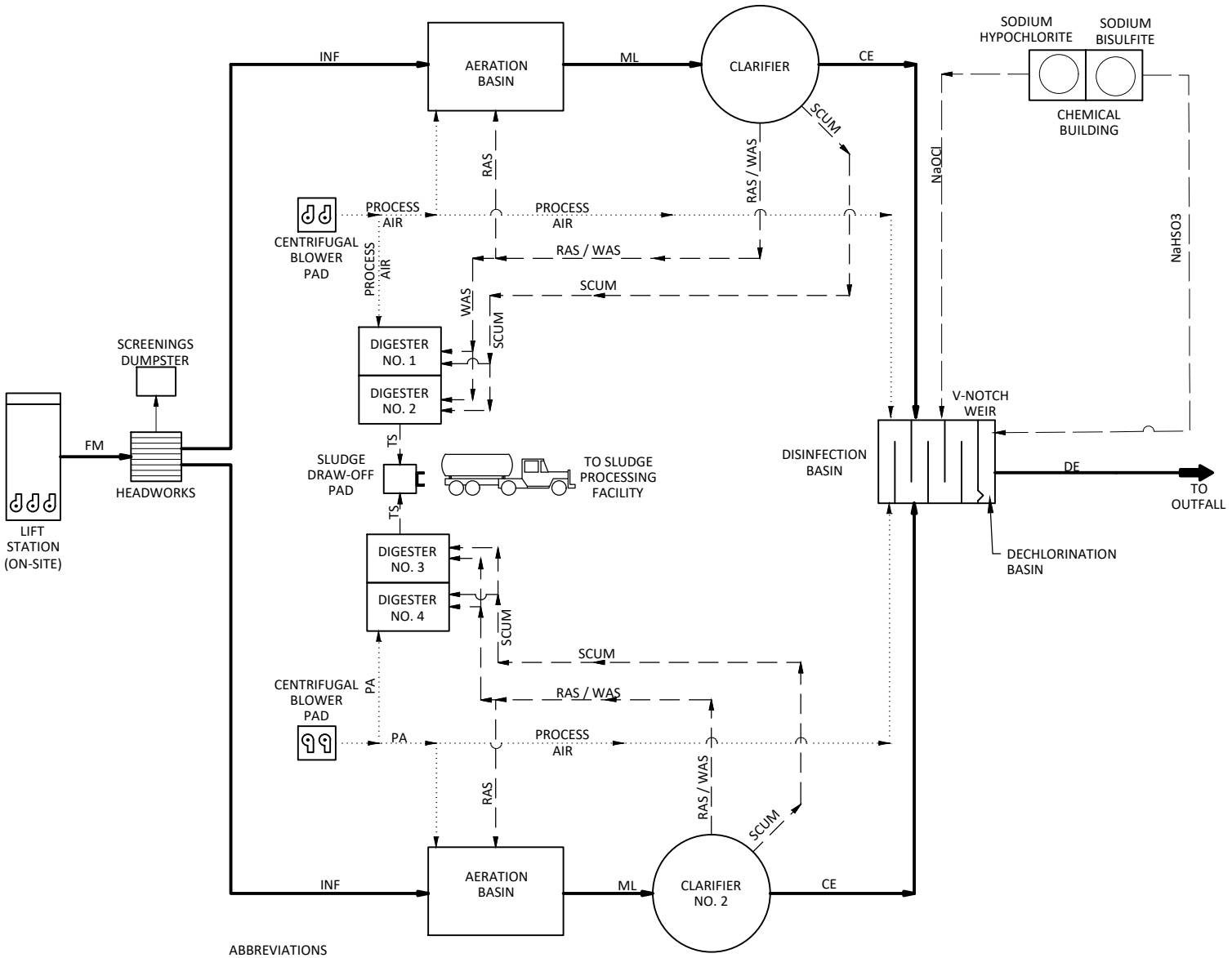
CE	CLARIFIED EFFLUENT
DE	DISINFECTED EFFLUENT
FM	FORCE MAIN
INF	INFLUENT
PA	PROCESS AIR
RAS	RETURN ACTIVATED SLUDGE
TS	THICKENED/TREATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE

EXHIBIT TITLE: PROCESS FLOW DIAGRAM
EXISTING PHASE

LOCATION: CITY OF MONTGOMERY
STEWART CREEK WASTEWATER TREATMENT PLANT

DATE ISSUED: July 17, 2025

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900



LEGEND

MAIN PROCESSES	———
SECONDARY PROCESSES	— — — —
PROCESS AIR	·····
NON-POTABLE WATER	———
CHEMICAL LINES	—— — —— —

ABBREVIATIONS

CE	CLARIFIED EFFLUENT
DE	DISINFECTED EFFLUENT
FM	FORCE MAIN
INF	INFLUENT
PA	PROCESS AIR
RAS	RETURN ACTIVATED SLUDGE
TS	THICKENED/TREATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE

EXHIBIT TITLE: PROCESS FLOW DIAGRAM
PROPOSED PHASE

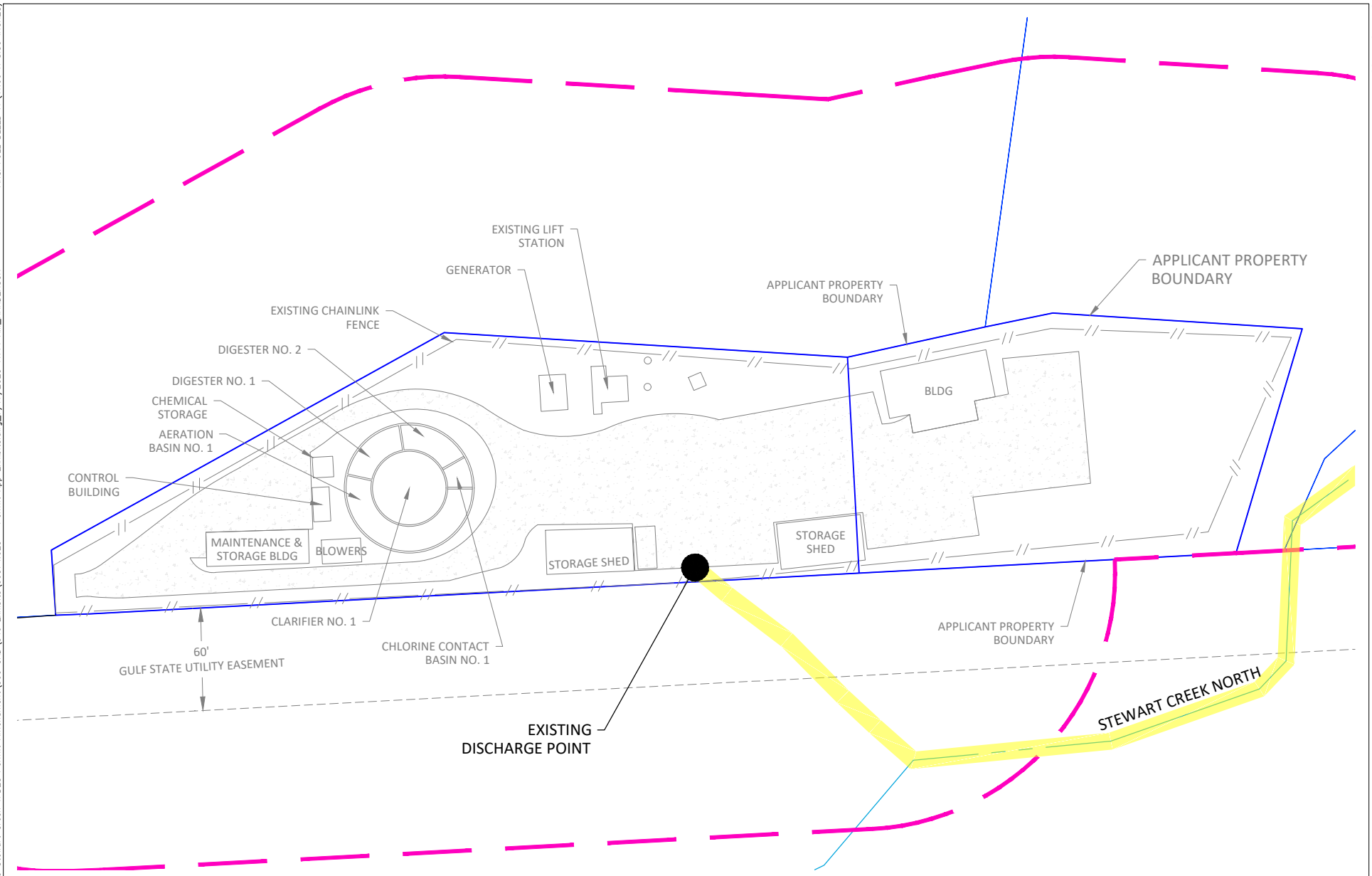
LOCATION: CITY OF MONTGOMERY
STEWART CREEK WASTEWATER TREATMENT PLANT

DATE ISSUED: July 17, 2025

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

Appendix L

Site Drawing



0 80 160

SCALE: 1" = 80'

N

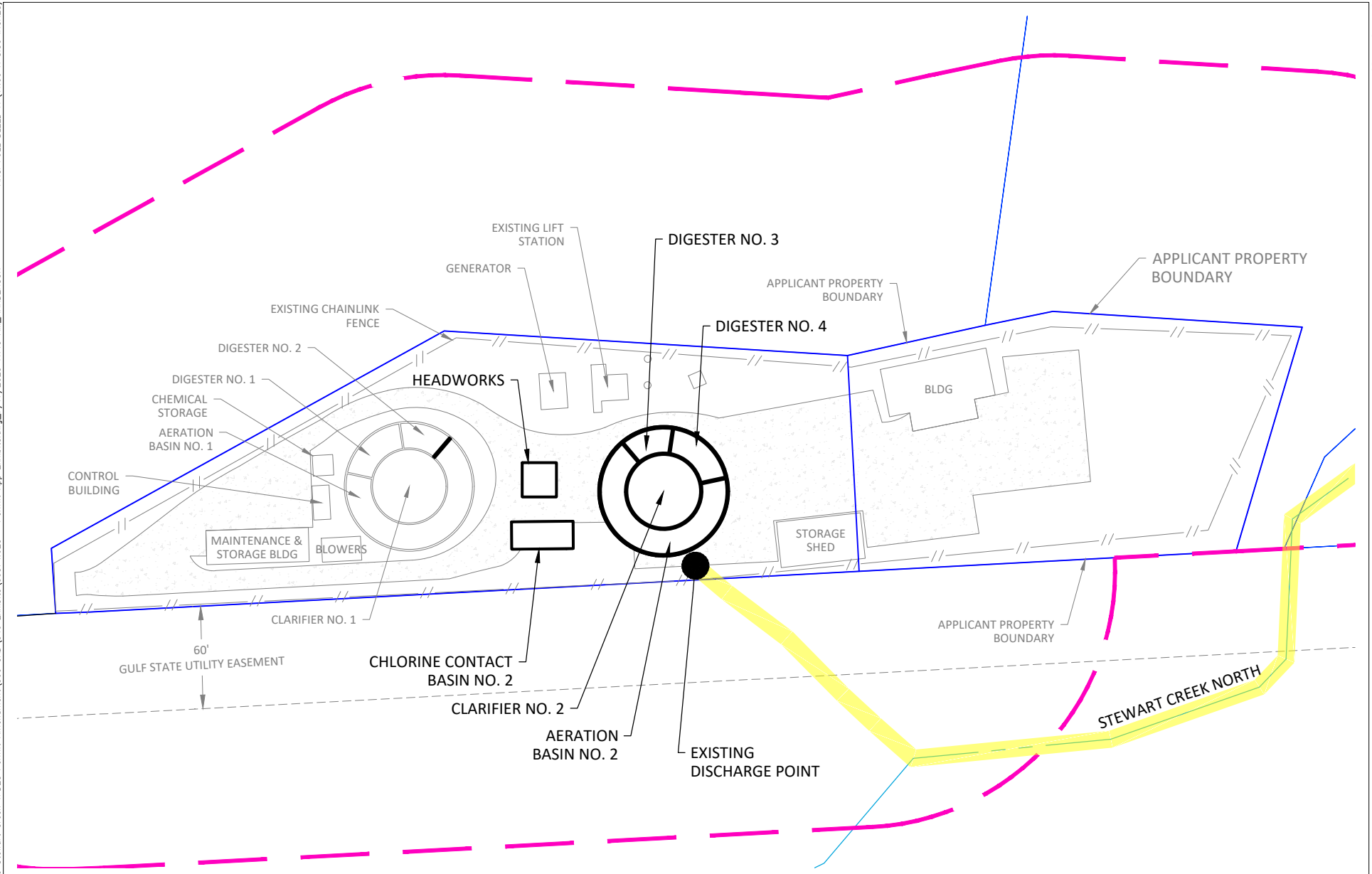
EXHIBIT TITLE: SITE PLAN

LOCATION: CITY OF MONTGOMERY
STEWART CREEK WASTEWATER TREATMENT PLANT

DATE ISSUED: July 17, 2025

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

DRAWN BY: NAR



0 80 160

SCALE: 1" = 80'

N

EXHIBIT TITLE: PROPOSED 0.80 MGD SITE PLAN

LOCATION: CITY OF MONTGOMERY
STEWART CREEK WASTEWATER TREATMENT PLANT

DATE ISSUED: July 17, 2025

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

Appendix M

CCN Service Request

LETTER OF TRANSMITTAL

2500 Tanglewilde, Suite 120

Houston, Texas 77063

☐	Regular USPS	☐	FedEx	☐	Courier from WGA	☐	End of Day
☒	Certified USPS	☐	Overnight	☐	Courier to WGA	☐	Expedited

Date: 6/2/2025

Project No: 00574-023-00

To:

DEL LAGO ESTATES WATER SUPPLY CORPORATION

c/o RADCLIFFE ADAMS BARNER, PLLC

2929 ALLEN PARKWAY
HOUSTON, TX 77019

Attn:

Phone Number:
832-413-5342

Email Address: ctodd@wga-llc.com & aanderson@wga-llc.com

Delivery Instructions:

Re: City of Montgomery– Request for Capacity – Application for Amending TPDES Permit

Quantity	Description
1	Request for Service Letter

TRACKING NUMBER
USPS
9414809898643570729049

ESTIMATED DELIVERY

Shipped on	2025-06-03
Carrier	USPS
Ship To	C/O RADCLIFFE ADAMS BARNER, PLLC DEL LAGO ESTATES WATER SUPPLY CORP. 2929 ALLEN PARKWAY HOUSTON, TX, 77019 US
Memo	CTodd - 00574-023-00
Service	First-Class Mail®
Signature Required	Yes

Christopher Todd, Project Manager
Ward, Getz & Associates, LLC

June 2, 2025

Del Lago Estates Water Supply Corporation
c/o Radcliffe Adams Barner, PLLC
2929 Allen Parkway
Suite 3450
Houston, Texas 77019

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

We are required to contact all existing TPDES permittees within a three-mile radius of the proposed expansion of the Stewart Creek WWTP location to request service. Do you have the capacity and are you willing to provide service for the additional flow of 0.400 MGD being requested? If you do not have the current capacity, but are willing to expand your facility to provide service, will you be able to provide service within the needed time frame? If you are willing to provide service, please provide the estimated costs and service rates in a written response.

Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

Date of Reply: _____

Does the **Del Lago Estates Wastewater Treatment Facility (WQ0012686001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or NO

If existing facilities are not adequate, is expansion feasible? YES or NO

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: _____

Signature: _____ Date: _____

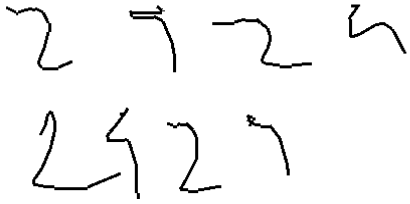
UNITED STATES POSTAL SERVICE

Date Produced: 06/06/2025

Pitney Bowes:

The following is the delivery information for Certified Mail™/RRE item number 9414 8098 9864 3570 7290 49. Our records indicate that this item was delivered on 06/05/2025 at 09:54 a.m. in HOUSTON, TX 77019. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,
United States Postal Service

The customer reference number shown below is not validated or endorsed by the United States Postal Service. It is solely for customer use.

Customer Reference Number: CTodd - 00574-023-00

LETTER OF TRANSMITTAL

2500 Tanglewilde, Suite 120

Houston, Texas 77063

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☒	Certified USPS	☐	Overnight	☐	Courier to WGA	☐	Expedited

Date: 6/2/2025

Project No: 00574-023-00

To:

MONTGOMERY COUNTY MUD NO. 138

c/o ALLEN BOONE HUMPHRIES ROBINSON, LLP

3200 SOUTHWEST FREEWAY, SUITE 2600
HOUSTON, TX 77027

Attn:

Phone Number:
832-413-5342

Email Address: ctodd@wga-llc.com & aanderson@wga-llc.com

Delivery Instructions:

Re: City of Montgomery– Request for Capacity – Application for Amending TPDES Permit

Quantity	Description
1	Request for Service Letter

TRACKING NUMBER
USPS
9414809898643070662358

ESTIMATED DELIVERY

Shipped on	2025-06-03
Carrier	USPS
Ship To	MONTGOMERY COUNTY MUD NO. 138 C/O ALLEN BOONE HUMPHRIES ROBINSON 3200 SOUTHWEST FWY, STE 2600 HOUSTON, TX, 77027-7537 US
Memo	CTodd - 00574-023-00
Service	First-Class Mail®
Signature Required	Yes

Christopher Todd, Project Manager
Ward, Getz & Associates, LLC

June 2, 2025

Montgomery County Municipal Utility District No. 138
c/o Allen Boone Humphries Robinson, LLP
3200 Southwest Freeway
Suite 2600
Houston, Texas 77027

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

We are required to contact all existing TPDES permittees within a three-mile radius of the proposed expansion of the Stewart Creek WWTP location to request service. Do you have the capacity and are you willing to provide service for the additional flow of 0.400 MGD being requested? If you do not have the current capacity, but are willing to expand your facility to provide service, will you be able to provide service within the needed time frame? If you are willing to provide service, please provide the estimated costs and service rates in a written response.

Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

Date of Reply: _____

Does the **Sunrise Ranch Wastewater Treatment Facility (WQ0014468001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or NO

If existing facilities are not adequate, is expansion feasible? YES or NO

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: _____

Signature: _____ Date: _____

UNITED STATES POSTAL SERVICE

Date Produced: 06/06/2025

Pitney Bowes:

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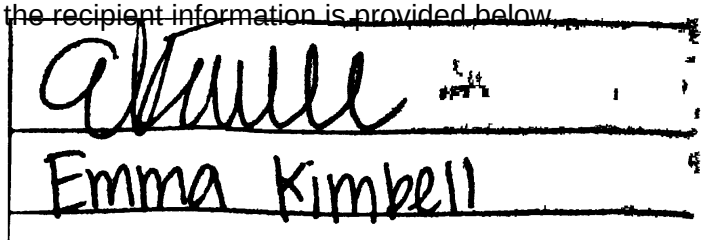
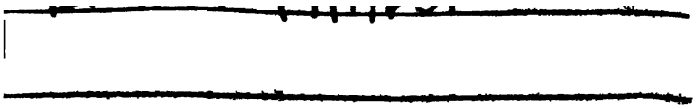


Address of Recipient :



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Houston, Texas 77063

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☒	Certified USPS	☐	Overnight	☐	Courier to WGA	☐	Expedited

Date: 6/2/2025

Project No: 00574-023-00

To:

MONTGOMERY COUNTY MUD NO. 150

c/o ALLEN BOONE HUMPHRIES ROBINSON, LLP

3200 SOUTHWEST FREEWAY, SUITE 2600
HOUSTON, TX 77027

Attn:

Phone Number:
832-413-5342

Email Address: ctodd@wga-llc.com & aanderson@wga-llc.com

Delivery Instructions:

Re: City of Montgomery– Request for Capacity – Application for Amending TPDES Permit

Quantity	Description
1	Request for Service Letter

TRACKING NUMBER
USPS
9414809898643570732896

ESTIMATED DELIVERY

Shipped on	2025-06-03
Carrier	USPS
Ship To	MONTGOMERY COUNTY MUD NO. 150 C/O ALLEN BOONE HUMPHRIES ROBINSON 3200 SOUTHWEST FWY, STE 2600 HOUSTON, TX, 77027-7537 US
Memo	CTodd - 00574-023-00
Service	First-Class Mail®
Signature Required	Yes

Christopher Todd, Project Manager
Ward, Getz & Associates, LLC

June 2, 2025

Montgomery County Municipal Utility District No. 150
c/o Allen Boone Humphries Robinson, LLP
3200 Southwest Freeway
Suite 2600
Houston, Texas 77027

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

We are required to contact all existing TPDES permittees within a three-mile radius of the proposed expansion of the Stewart Creek WWTP location to request service. Do you have the capacity and are you willing to provide service for the additional flow of 0.400 MGD being requested? If you do not have the current capacity, but are willing to expand your facility to provide service, will you be able to provide service within the needed time frame? If you are willing to provide service, please provide the estimated costs and service rates in a written response.

Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

Date of Reply: _____

Does **Montgomery County MUD No. 150 Wastewater Treatment Facility (WQ0015372001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or NO

If existing facilities are not adequate, is expansion feasible? YES or NO

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: _____

Signature: _____ Date: _____

WGA

June 2, 2025

Montgomery County Municipal Utility District No. 150
c/o Allen Boone Humphries Robinson, LLP
3200 Southwest Freeway
Suite 2600
Houston, Texas 77027

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

We are required to contact all existing TPDES permittees within a three-mile radius of the proposed expansion of the Stewart Creek WWTP location to request service. Do you have the capacity and are you willing to provide service for the additional flow of 0.400 MGD being requested? If you do not have the current capacity, but are willing to expand your facility to provide service, will you be able to provide service within the needed time frame? If you are willing to provide service, please provide the estimated costs and service rates in a written response.

Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

WGA

Date of Reply: 06/10/2025

Does **Montgomery County MUD No. 150 Wastewater Treatment Facility (WQ0015372001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or (NO)

If existing facilities are not adequate, is expansion feasible? YES or (NO)

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: Natalie Rice Special District Analyst

Signature: _____ Date: 06/10/2025

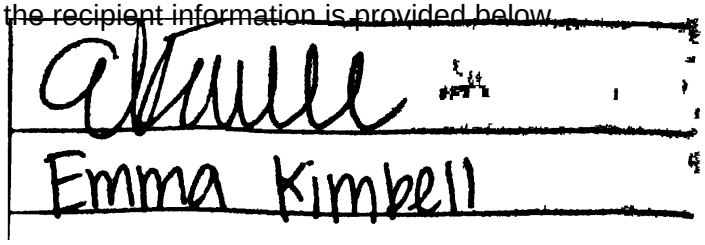
UNITED STATES POSTAL SERVICE

Date Produced: 06/06/2025

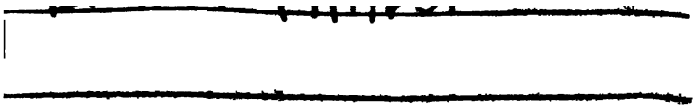
Pitney Bowes:

The following is the delivery information for Certified Mail™/RRE item number 9414 8098 9864 3570 7328 96. Our records indicate that this item was delivered on 06/05/2025 at 03:39 p.m. in HOUSTON, TX 77027. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



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Sincerely,
United States Postal Service

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Customer Reference Number: CTodd - 00574-023-00

LETTER OF TRANSMITTAL

2500 Tanglewilde, Suite 120

Houston, Texas 77063

☐	Regular USPS	☐	FedEx	☐	Courier from WGA	☐	End of Day
☒	Certified USPS	☐	Overnight	☐	Courier to WGA	☐	Expedited

Date: 6/2/2025

Project No: 00574-023-00

To:

MONTGOMERY COUNTY MUD NO. 166

c/o ALLEN BOONE HUMPHRIES ROBINSON, LLP

3200 SOUTHWEST FREEWAY, SUITE 2600
HOUSTON, TX 77027

Attn:

Phone Number:
832-413-5342

Email Address: ctodd@wga-llc.com & aanderson@wga-llc.com

Delivery Instructions:

Re: City of Montgomery– Request for Capacity – Application for Amending TPDES Permit

Quantity	Description
1	Request for Service Letter

TRACKING NUMBER
USPS
9414809898643070663157

ESTIMATED DELIVERY

Shipped on	2025-06-03
Carrier	USPS
Ship To	MONTGOMERY COUNTY MUD NO. 166 C/O ALLEN BOONE HUMPHRIES ROBINSON 3200 SOUTHWEST FWY, STE 2600 HOUSTON, TX, 77027-7537 US
Memo	CTodd - 00574-023-00
Service	First-Class Mail®
Signature Required	Yes

Christopher Todd, Project Manager
Ward, Getz & Associates, LLC

June 2, 2025

Montgomery County Municipal Utility District No. 166
c/o Allen Boone Humphries Robinson, LLP
3200 Southwest Freeway
Suite 2600
Houston, Texas 77027

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

We are required to contact all existing TPDES permittees within a three-mile radius of the proposed expansion of the Stewart Creek WWTP location to request service. Do you have the capacity and are you willing to provide service for the additional flow of 0.400 MGD being requested? If you do not have the current capacity, but are willing to expand your facility to provide service, will you be able to provide service within the needed time frame? If you are willing to provide service, please provide the estimated costs and service rates in a written response.

Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

Date of Reply: _____

Does **Montgomery County MUD No. 166 Wastewater Treatment Facility (WQ0015740001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or NO

If existing facilities are not adequate, is expansion feasible? YES or NO

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: _____

Signature: _____ Date: _____

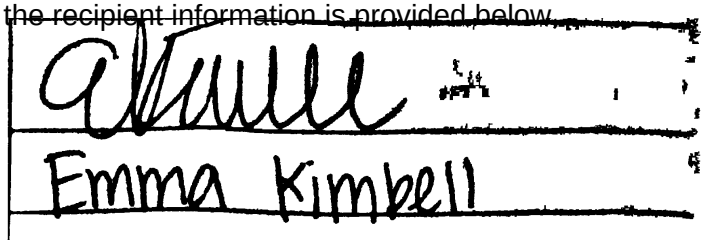
UNITED STATES POSTAL SERVICE

Date Produced: 06/06/2025

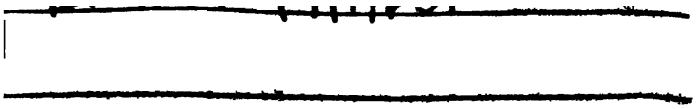
Pitney Bowes:

The following is the delivery information for Certified Mail™/RRE item number 9414 8098 9864 3070 6631 57. Our records indicate that this item was delivered on 06/05/2025 at 03:39 p.m. in HOUSTON, TX 77027. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,
United States Postal Service

The customer reference number shown below is not validated or endorsed by the United States Postal Service. It is solely for customer use.

Customer Reference Number: CTodd - 00574-023-00

LETTER OF TRANSMITTAL

2500 Tanglewilde, Suite 120

Houston, Texas 77063

☐	Regular USPS	☐	FedEx	☐	Courier from WGA	☐	End of Day
☒	Certified USPS	☐	Overnight	☐	Courier to WGA	☐	Expedited

Date: 6/2/2025

Project No: 00574-023-00

To:

MSEC Waste Water Inc

P.O. Box 970

Navasota, Texas 77868

Attn:

Phone Number:
832-413-5342

Email Address: ctodd@wga-llc.com & aanderson@wga-llc.com

Delivery Instructions:

Re: City of Montgomery– Request for Capacity – Application for Amending TPDES Permit

Quantity	Description
1	Request for Service Letter

TRACKING NUMBER
USPS
9414809898643570732421

ESTIMATED DELIVERY

Shipped on	2025-06-03
Carrier	USPS
Ship To	MSEC WASTE WATER INC. PO BOX 970 NAVASOTA, TX, 77868-0970 US
Memo	CTodd - 00574-023-00
Service	First-Class Mail®
Signature Required	Yes

Christopher Todd, Project Manager
Ward, Getz & Associates, LLC

June 2, 2025

MSEC Waste Water, Inc.
P.O. Box 970
Navasota, Texas 77868

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

We are required to contact all existing TPDES permittees within a three-mile radius of the proposed expansion of the Stewart Creek WWTP location to request service. Do you have the capacity and are you willing to provide service for the additional flow of 0.400 MGD being requested? If you do not have the current capacity, but are willing to expand your facility to provide service, will you be able to provide service within the needed time frame? If you are willing to provide service, please provide the estimated costs and service rates in a written response.

Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

Date of Reply: _____

Does the **MSEC Wastewater Treatment Facility No. 2 (WQ0015341001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or NO

If existing facilities are not adequate, is expansion feasible? YES or NO

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: _____

Signature: _____ Date: _____

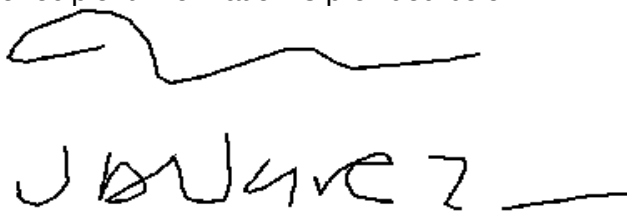
UNITED STATES POSTAL SERVICE

Date Produced: 06/06/2025

Pitney Bowes:

The following is the delivery information for Certified Mail™/RRE item number 9414 8098 9864 3570 7324 21. Our records indicate that this item was delivered on 06/05/2025 at 10:38 a.m. in NAVASOTA, TX 77868. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :

PO BOX 970

NAVASOTA, TX 77868-0970

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,
United States Postal Service

The customer reference number shown below is not validated or endorsed by the United States Postal Service. It is solely for customer use.

Customer Reference Number: CTodd - 00574-023-00

LETTER OF TRANSMITTAL

2500 Tanglewilde, Suite 120

Houston, Texas 77063

☐	Regular USPS	☐	FedEx	☐	Courier from WGA	☐	End of Day
☒	Certified USPS	☐	Overnight	☐	Courier to WGA	☐	Expedited

Date: 6/2/2025

Project No: 00574-023-00

To:

Stanley Lake Municipal Utility District

c/o Bacon Wallace & Philbin, LLP

6363 Woodway Drive, Suite 800
Houston, Texas 77057

Attn:

Phone Number:
832-413-5342

Email Address: ctodd@wga-llc.com & aanderson@wga-llc.com

Delivery Instructions:

Re: City of Montgomery– Request for Capacity – Application for Amending TPDES Permit

Quantity	Description
1	Request for Service Letter

TRACKING NUMBER
USPS
9414809898643570733237

ESTIMATED DELIVERY

Shipped on	2025-06-03
Carrier	USPS
Ship To	C/O BACON WALLACE & PHILBIN, LLP STANLEY LAKE MUNICIPAL UTILITY DISTRICT 636 WOODWAY DRIVE, STE 800 HOUSTON, TX, 77057 US
Memo	CTodd - 00574-023-00
Service	First-Class Mail®
Signature Required	Yes

Christopher Todd, Project Manager
Ward, Getz & Associates, LLC

WGA

June 2, 2025

Stanley Lake Municipal Utility District
c/o Bacon Wallace & Philbin, LLP
6363 Woodway Drive
Suite 800
Houston, Texas 77057

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

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Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

WGA

Date of Reply: 6/16/25

Does the **Stanley Lake Municipal Utility District Wastewater Treatment Facility (WQ0011367001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or NO

If existing facilities are not adequate, is expansion feasible? YES or NO

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: Michael Sullivan P.E., General Manager

Signature: Michael Sullivan Date: 6/16/25

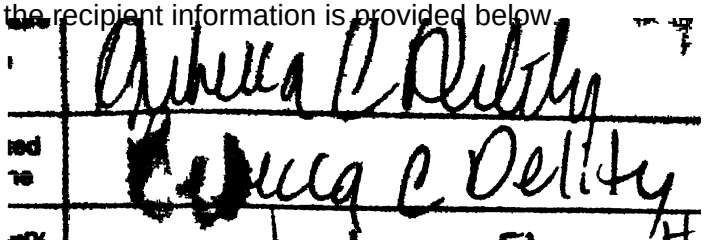
UNITED STATES POSTAL SERVICE

Date Produced: 06/06/2025

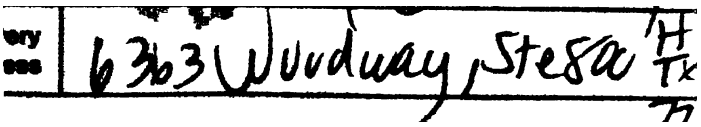
Pitney Bowes:

The following is the delivery information for Certified Mail™/RRE item number 9414 8098 9864 3570 7332 37. Our records indicate that this item was delivered on 06/05/2025 at 04:07 p.m. in HOUSTON, TX 77057. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient :



Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,
United States Postal Service

The customer reference number shown below is not validated or endorsed by the United States Postal Service. It is solely for customer use.

Customer Reference Number: CTodd - 00574-023-00

LETTER OF TRANSMITTAL

2500 Tanglewilde, Suite 120

Houston, Texas 77063

☐	Regular USPS	☐	FedEx	☐	Courier from WGA	☐	End of Day
☒	Certified USPS	☐	Overnight	☐	Courier to WGA	☐	Expedited

Date: 6/2/2025

Project No: 00574-023-00

To:

Undine Development, LLC

17681 Telge Road

Cypress, Texas 77429

Attn:

Phone Number:
832-413-5342

Email Address: ctodd@wga-llc.com & aanderson@wga-llc.com

Delivery Instructions:

Re: City of Montgomery– Request for Capacity – Application for Amending TPDES Permit

Quantity	Description
1	Request for Service Letter

TRACKING NUMBER
USPS
9414809898643570727809

ESTIMATED DELIVERY

Shipped on	2025-06-03
Carrier	USPS
Ship To	UNDINE DEVELOPMENT, LLC 17681 TELGE RD CYPRESS, TX, 77429-7080 US
Memo	CTodd - 00574-023-00
Service	First-Class Mail®
Signature Required	Yes

Christopher Todd, Project Manager
Ward, Getz & Associates, LLC

June 2, 2025

Undine Development, LLC
17681 Telge Road
Cypress, Texas 77429

SUBJECT: City of Montgomery (CN600644892)
Stewart Creek Wastewater Treatment Plant (WQ0014737001)
Application for Major Amendment to TPDES Permit

Greetings TCEQ Wastewater Discharge Permit Holder,

The City of Montgomery (CN600644892) is preparing an application for a major amendment to the existing Texas Pollutant Discharge Elimination System (TPDES) wastewater discharge Permit No. WQ0014737001. This wastewater treatment facility serves the City of Montgomery's commercial and residential sanitary sewer needs. The existing plant currently is authorized for an ultimate flow of 0.400 MGD and is requesting an increase in capacity to serve planned developments within the City. We are in the process of applying for an authorized flow of 0.800 million gallons per day (MGD) and plan to begin construction by July of 2027.

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Please provide a response indicating if 0.400 MGD of wastewater treatment capacity in your facility is available and, if so, under what terms. A written reply on a copy of this letter will be adequate. You may email your response to ctodd@wga-llc.com Please feel free to call me at 832-413-5342.

Thank you for your participation in these efforts.

Sincerely,

Chris Todd, P.E.
Project Manager
Ward, Getz & Associates, LLP

Date of Reply: _____

Does the **Del Lago Wastewater Treatment Facility (WQ0012493001)** have the capacity available to accommodate **0.400 MGD?**

(circle one) YES or NO

If existing facilities are not adequate, is expansion feasible? YES or NO

If yes to EITHER question, please provide in writing the terms for service.

Name and Title: _____

Signature: _____ Date: _____

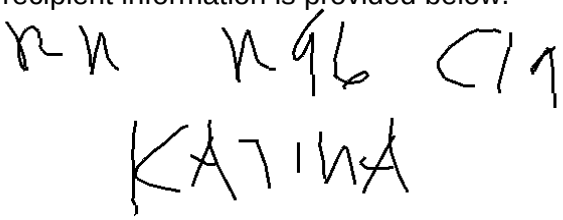
UNITED STATES POSTAL SERVICE

Date Produced: 06/06/2025

Pitney Bowes:

The following is the delivery information for Certified Mail™/RRE item number 9414 8098 9864 3570 7278 09. Our records indicate that this item was delivered on 06/05/2025 at 03:22 p.m. in CYPRESS, TX 77429. The scanned image of the recipient information is provided below.

Signature of Recipient :



Address of Recipient : 17681 TELGE RD, CYPRESS, TX 77429

Thank you for selecting the Postal Service for your mailing needs. If you require additional assistance, please contact your local post office or Postal Service representative.

Sincerely,
United States Postal Service

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Customer Reference Number: CTodd - 00574-023-00

Appendix N

Design Calculations

7/17/2025

Project Name: City of Montgomery Stewart Creek Existing Plant Calcs
Prject No.: 00574-023-00
Completed by: CT
Checked by:

EXISTING PHASE - PROCESS CALCULATIONS

Avg Design Flow	0.4	MGD	Influent BOD_5	200	mg/L
Peak Factor	4			667	lbs/day
Peak Flow	1.6	MGD	Influent TSS	300	mg/L
	1111.11	gpm		1001	lbs/day
Effluent Characteristics			Influent NH3-N	50	mg/L
BOD_5 S_e (Apr-Oct)	10	mg/L		167	lbs/day
BOD_5 S_e (Nov-Mar)	10	mg/L	Influent TKN		mg/L
TSS TSS_e	15	mg/L	Influent Phosphorus		mg/L
NH3-N N_e (Apr-Oct)	3	mg/L	Reactor temp	20	°C
NH3-N N_e (Nov-Mar)	3	mg/L	Elevation	150	feet ASL

LEGEND
INPUT
REGULATION
CALCULATION

Aeration Basin

			Regulation
TCEQ Maximum Organic Loading	35	lbs BOD/day/1000 c.f.	217.154(b)(Table F.1)

Aeration Volume Required	19063	c.f.
MLSS	3000	mg/L
MLVSS/MLSS	0.7	
MLVSS	2100	mg/L

Proposed			*Existing*	Aeration Basin No. 1	
Length		ft	Length	100	ft
Width		ft	Width	14.5	ft
Height		ft	Height	15.5	ft
SWD		ft	SWD	13.84	ft
# Tanks	0		# Tanks	1	
Volume	0	c.f.	Volume	20,068	c.f.
Capacity	0.000	MGD Average Flow	Total Existing Aeration Volume		

Total Volume	20,068	c.f.	Total Proposed Aeration Capacity	0.42109	MGD
Volume greater than required	YES				
Organic Loading	33.25	lbs BOD_5/day	Enough Aeration Basins	No	

Hydraulic Retention Time	9.01	hours
Solids Retention Time, SRT	12.477474	days
f:m	0.0952381	lbs BOD_5/lbs MLVSS/day

Clarifier Basin

				Regulation
TCEQ Maximum Surface Loading (Qpk)	1200	gal/day/s.f. at peak flow		217.154(c)(Table F.2)
TCEQ Minimum Detention Time (Qpk)	1.8	hours at peak flow		217.154(c)(Table F.2)
TCEQ Maximum Weir Loading (Qpk)	20000	gal/day/ft		217.152(c)(4)
TCEQ Minimum Side Water Depth (SWD)	10	ft		217.152(g)(2)(A)/(B)
TCEQ Maximum Stilling Well Velocity	0.15	ft/sec		217.152(a)(4)
Surface Area Required	1333	s.f.	41.2	ft min dia for one clarifier
Volume Required	16042	c.f.	29.1	ft min dia for two clarifiers
Stilling Well Diameter	6	feet	15-20% of total tank diameter	
Stilling Well Qpk	2.48	cfs	plus	cfs recycle flow
Stilling Well Velocity at Qpk	0.088	fps	Meets req?	YES

Carifiers Provided	1	tanks(s)	*Existing Carifiers*		tanks(s)
Diameter	43	ft	Diameter		ft
Height	15.5	ft	Height		ft
Static WL	13.82	ft	Static WL		ft
SWD	13.82	ft	SWD		ft
Total Surface Area	1452	s.f.	Surface Area	0	s.f.
Total Volume	20069.4	c.f.	Volume	0.0	c.f.

Total Surface Area	1452	s.f.	Greater than req?	YES
Total Volume	20069.4	c.f.	Greater than req?	YES

	Qavg		Qpk		
Clarifier Surface Loading	275	gpd/s.f.	1102	Less than max?	YES
Clarifier Detention Time	9.01	Hours	2.25	Greater than req?	YES

This currently uses the average RAS flowrate to calculate detention time

Clarifier Wall to Weir Length	12	in		
Weir Length	128.8	ft		
Weir Loading	12422	gpd/ft	Less than max?	YES

RAS/WAS Pumping and Piping

					Regulation
TCEQ minimum sludge pipe diameter	4	in			217.152(e)(2-3)
Clarifier Surface Area	1452	s.f.			
TCEQ min RAS pump capacity @200gpd/sf	202	gpm	Qr/Q =	0.73	217.152(j)(3)
TCEQ max RAS pump capacity @400gpd/sf	403	gpm	Qr/Q =	1.45	217.152(j)(3)
RAS/WAS pipe diameter	6	in			
Velocity in RAS/WAS pipe @ min rate	2.75	fps			
Velocity in RAS/WAS pipe @ max rate	5.50	fps			

Chlorine Contact Basin

			Regulation
Minimum Contact Time at Peak Flow	20	min	217.281(b)(1)
Required Volume for Chlorine Contact Basin	22222	gal	
Required Volume for Chlorine Contact Basin	2971	c.f.	

Proposed			*Existing*			
Length	14.79	ft	Length		ft	
Width	14.5	ft	Width		ft	
Height	15.5	ft	Height		ft	
SWD	12	ft	SWD		ft	*Is your length to width ratio 40:1 or Greater?*
# Tanks	1		# Tanks			
Volume	2,573	c.f.	Volume	0	c.f.	

Total Volume Provided	2,573	c.f.	Greater than req?	No
Contact Time Provided at Peak Flow	17.33	min	Greater than req?	No

Aerobic Digester Basin

				Regulation
Does the Plant Have a Primary Clarifier?	No			
Average Basin Temperature	20	deg C	(about 68 degrees farenheit year round in houston)	
Volatile Solids Reduction Percentage	45	%	See figure 14-31 Metcalf &Eddy	
Waste Activated Sludge Suspended Solids Concentration, Xw	8500	mg/L		
Fraction of Influent BOD consisting of Raw Primary Solids	0.5	expressed as a decimal	Only Applicable For Plant's With Primary Clarification	
Influent BOD Concentration	200	mg/L	Only Applicable For Plant's With Primary Clarification	
Digester Suspended Solids Concentration	20000	mg/L	this value is assumed	
Reaction Rate Constant, kd	0.06	d^{-1}	This value is assumed	needs to be backchecked
Reaction Rate Constant Nitrification, kd n	0.30	d^{-1}		
Volatile Fraction of Digester BOD, Y	0.60	lbs VSS /lbs BOD		
Volatile Fraction of Digester Ammonia, Yn	0.15	lbs VSS /lbs NH3-N		
Volatile Fraction of Digester Suspended Solids, Pn	0.7	expressed as a decimal	*This value is assumed*	
Fraction of MLVSS to MLSS	0.7	expressed as a decimal		
Solids Retention Time (SRT)	40	days		
Density of Water	62.32	lbs/c.f.		
Percent Solids of Waste Activated Sludge	0.01	expressed as a decimal	*This value is assumed*	
Percent Solids of Sludge in Digester	0.02	expressed as a decimal		
Specific Gravity of Sludge	1.005		*This value is assumed*	
Carbonaceous Yield Coefficient	0.59		*Incorporates the reaction rate constant with the yield coefficient*	
Carbonaceous Sludge Production	371.93	lb MLVSS / day		
	531	lb MLSS / day		
Nitrogenous Yield Coefficient	0.13			
Nitrogenous Sludge Production	21	lb MLVSS / day		
	30	lb MLSS / day		
Inert Sludge Production (TSS), Dry Solids	428	lb / day		
Volatile Sludge Production	393	lbs / day		
Total Sludge Production	989	lbs / day		
Volumetric Flow Rate of Sludge Per Day	1580	c.f./day		
Digester Volume Required	10020	c.f.		
Minimum Digester Volatile Solids Rate	100	lb volatile solids per 1000 cf per day		217.249(t)(7)(D)

Maximum Digester Volatile Solids Rate	200	lb volatile solids per 1000 cf per day	217.249(t)(7)(D)	
Actual Digester Volatile Solids Rate	27	lb volatile solids per 1000 cf per day		

Maximum Digester Volume Allowed	3931	c.f.
Minimum Digester Volume Required	1965	c.f.

Proposed			*Existing*			*Existing*		
Length	35.87	ft	Diameter		ft	Diameter		ft
Width	14.5	ft	Surface Area		ft	Surface Area		ft
Height	15.5	ft	Height		ft	Height		ft
SWD	14	ft	SWD		ft	SWD		ft
# Tanks	2		# Tanks			# Tanks		
Volume	14,563	c.f.	Volume	0	c.f.	Volume	0	c.f.

Digester Capacity Capable of Meeting SRT?	Yes
Digester Capacity Capable of Handling Required Range?	Yes

Total Volume Provided 14,563 c.f.

7/17/2025

Project Name: City of Montgomery Stewart Creek Existing Plant Calcs
Prject No.: 00574-023-00

Completed by: CT
Checked by:

ULTIMATE PHASE - PROCESS CALCULATIONS

Avrg Design Flow	0.8	MGD	Influent BOD_5	250	mg/L
Peak Factor	4			1668	lbs/day
Peak Flow	3.2	MGD	Influent TSS	300	mg/L
	2222.22	gpm		2002	lbs/day
Effluent Characteristics			Influent NH3-N	50	mg/L
BOD_5 S_e (Apr-Oct)	10	mg/L		334	lbs/day
BOD_5 S_e (Nov-Mar)	10	mg/L	Influent TKN		mg/L
TSS TSS_e	15	mg/L	Influent Phosphorus		mg/L
NH3-N N_e (Apr-Oct)	3	mg/L	Reactor temp	20	°C
NH3-N N_e (Nov-Mar)	3	mg/L	Elevation	150	feet ASL

LEGEND
INPUT
REGULATION
CALCULATION

Aeration Basin

			Regulation
TCEQ Maximum Organic Loading	35	lbs BOD/day/1000 c.f.	217.154(b)(Table F.1)
Aeration Volume Required	47657	c.f.	
MLSS	3000	mg/L	
MLVSS/MLSS	0.7		
MLVSS	2100	mg/L	

Proposed			Existing	Aeration Basin No. 1	
Length	126	ft	Length	126	ft
Width	14.5	ft	Width	14.5	ft
Height	15.5	ft	Height	15.5	ft
SWD	13.84	ft	SWD	13.84	ft
# Tanks	1		# Tanks	1	
Volume	25,286	c.f.	Volume	25,286	c.f.
Capacity	0.424	MGD Average Flow	Total Existing Aeration Volume	25,286	c.f.

Total Volume	50,571	c.f.	Total Proposed Aeration Capacity	0.84892	MGD
Volume greater than required	YES				
Organic Loading	32.98	lbs BOD_5/day	Enough Aeration Basins	Yes	
Hydraulic Retention Time	11.35	hours			
Solids Retention Time, SRT	15.596843	days			
f:m	0.1190476	lbs BOD_5/lbs MLVSS/day			

Clarifier Basin

			Regulation
TCEQ Maximum Surface Loading (Qpk)	1200	gal/day/s.f. at peak flow	217.154(c)(Table F.2)
TCEQ Minimum Detention Time (Qpk)	1.8	hours at peak flow	217.154(c)(Table F.2)
TCEQ Maximum Weir Loading (Qpk)	20000	gal/day/ft	217.152(c)(4)
TCEQ Minimum Side Water Depth (SWD)	10	ft	217.152(g)(2)(A)/(B)
TCEQ Maximum Stilling Well Velocity	0.15	ft/sec	217.152(a)(4)

Surface Area Required	2667	s.f.	58.3 ft min dia for one clarifier
Volume Required	32083	c.f.	41.2 ft min dia for two clarifiers

Stilling Well Diameter	6	feet	15-20% of total tank diameter	
Stilling Well Qpk	4.95	cfs	plus	cfs recycle flow
Stilling Well Velocity at Qpk	0.088	fps	Meets req?	YES

Carifiers Provided			*Existing Carifiers*		
	1	tanks(s)		1	tanks(s)
Diameter	43	ft	Diameter	43	ft
Height	15.5	ft	Height	15.5	ft
Static WL	13.82	ft	Static WL	13.82	ft
SWD	13.82	ft	SWD	13.82	ft
Total Surface Area	1452	s.f.	Surface Area	1452	s.f.
Total Volume	20069.4	c.f.	Volume	20069.4	c.f.

Total Surface Area	2904	s.f.	Greater than req?	YES
Total Volume	40138.8	c.f.	Greater than req?	YES

	Qavg		Qpk		
Clarifier Surface Loading	275	gpd/s.f.	1102	Less than max?	YES
Clarifier Detention Time	9.01	Hours	2.25	Greater than req?	YES

This currently uses the average RAS flowrate to calculate detention time

Clarifier Wall to Weir Length	12	in		
Weir Length	257.6	ft		
Weir Loading	12422	gpd/ft	Less than max?	YES

RAS/WAS Pumping and Piping

			Regulation
TCEQ minimum sludge pipe diameter	4	in	217.152(e)(2-3)

Clarifier Surface Area	2904	s.f.			
TCEQ min RAS pump capacity @200gpd/sf	403	gpm	Qr/Q =	0.73	217.152(j)(3)
TCEQ max RAS pump capacity @400gpd/sf	807	gpm	Qr/Q =	1.45	217.152(j)(3)

RAS/WAS pipe diameter	8	in
Velocity in RAS/WAS pipe @ min rate	3.09	fps
Velocity in RAS/WAS pipe @ max rate	6.18	fps

Chlorine Contact Basin

			Regulation
Minimum Contact Time at Peak Flow	20 min		217.281(b)(1)
Required Volume for Chlorine Contact Basin	44444 gal		
Required Volume for Chlorine Contact Basin	5942 c.f.		

Proposed		*Existing*		
Length	32 ft	Length	14.79 ft	
Width	16 ft	Width	14.5 ft	
Height	14 ft	Height	15.5 ft	*Is your length to width ratio 40:1 or Greater?*
SWD	12.5 ft	SWD	13.5 ft	
# Tanks	1	# Tanks	0	
Volume	6,400 c.f.	Volume	0 c.f.	

Total Volume Provided	6,400 c.f.	Greater than req?	Yes
Contact Time			
Provided at Peak Flow	21.54 min	Greater than req?	Yes

Dechlorination Basin

			Regulation
Minimum Contact Time at Peak Flow	20 Seconds		217.281(c)(2)
Required Volume for Chlorine Contact Basin	926 gal		
Required Volume for Chlorine Contact Basin	124 c.f.		

Proposed		*Existing*		
Length	4 ft	Length	ft	
Width	16 ft	Width	ft	
Height	14 ft	Height	ft	
SWD	10 ft	SWD	ft	
# Tanks	1	# Tanks		
Volume	640 c.f.	Volume	0 c.f.	

Total Volume Provided	640 c.f.	Greater than req?	Yes
Contact Time			
Provided at Peak Flow	103.41 Seconds	Greater than req?	Yes

Aerobic Digester Basin

				Regulation
Does the Plant Have a Primary Clarifier?	No			
Average Basin Temperature	20	deg C	(about 68 degrees farenheit year round in houston)	
Volatile Solids Reduction Percentage	45	%	See figure 14-31 Metcalf &Eddy	
Waste Activated Sludge Suspended Solids Concentration, Xw	8500	mg/L		
Fraction of Influent BOD consisting of Raw Primary Solids	0.5	expressed as a decimal	Only Applicable For Plant's With Primary Clarification	
Influent BOD Concentration	250	mg/L	Only Applicable For Plant's With Primary Clarification	
Digester Suspended Solids Concentration	20000	mg/L	*this value is assumed*	
Reaction Rate Constant, kd	0.06	d^{-1}	*This value is assumed*	
Reaction Rate Constant Nitrification, kd n	0.30	d^{-1}		
Volatile Fraction of Digester BOD, Y	0.60	lbs VSS /lbs BOD		
Volatile Fraction of Digester Ammonia, Yn	0.15	lbs VSS /lbs NH3-N		
Volatile Fraction of Digester Suspended Solids, Pn	0.7	expressed as a decimal	*This value is assumed*	needs to be backchecked
Fraction of MLVSS to MLSS	0.7	expressed as a decimal		
Solids Retention Time (SRT)	40	days		
Density of Water	62.32	lbs/c.f.		
Percent Solids of Waste Activated Sludge	0.01	expressed as a decimal	*This value is assumed*	
Percent Solids of Sludge in Digester	0.02	expressed as a decimal		

Specific Gravity of Sludge	1.005		*This value is assumed*
Carbonaceous Yield Coefficient	0.58		*Incorporates the reaction rate constant with the yield coefficient*
Carbonaceous Sludge Production	934.26	lb MLVSS / day	
	1335	lb MLSS / day	
Nitrogenous Yield Coefficient	0.13		
Nitrogenous Sludge Production	41	lb MLVSS / day	
	59	lb MLSS / day	
Inert Sludge Production (TSS), Dry Solids	856	lb / day	
Volatile Sludge Production	975	lbs / day	
Total Sludge Production	2249	lbs / day	
Volumetric Flow Rate of Sludge Per Day	3591	c.f./day	
Digester Volume Required	22780	c.f.	

Minimum Digester Volatile Solids Rate	100	lb volatile solids per 1000 cf per day	217.249(t)(7)(D)
Maximum Digester Volatile Solids Rate	200	lb volatile solids per 1000 cf per day	217.249(t)(7)(D)
Actual Digester Volatile Solids Rate	40	lb volatile solids per 1000 cf per day	

Maximum Digester Volume Allowed	9755	c.f.
Minimum Digester Volume Required	4877	c.f.

Proposed			*Existing*			*Existing*		
Length	30	ft	Length	30	ft	Diameter		ft
Width	14.5	ft	Width	14.5	ft	Surface Area		ft
Height	15.5	ft	Height	15.5	ft	Height		ft
SWD	14	ft	SWD	14	ft	SWD		ft
# Tanks	2		# Tanks	2		# Tanks		
Volume	12,180	c.f.	Volume	12,180	c.f.	Volume	0	c.f.

Total Volume Provided	24,360	c.f.	
Digester Capacity Capable of Meeting SRT?			Yes
Digester Capacity Capable of Handling Required Range?			Yes

Appendix O

Wind Rose

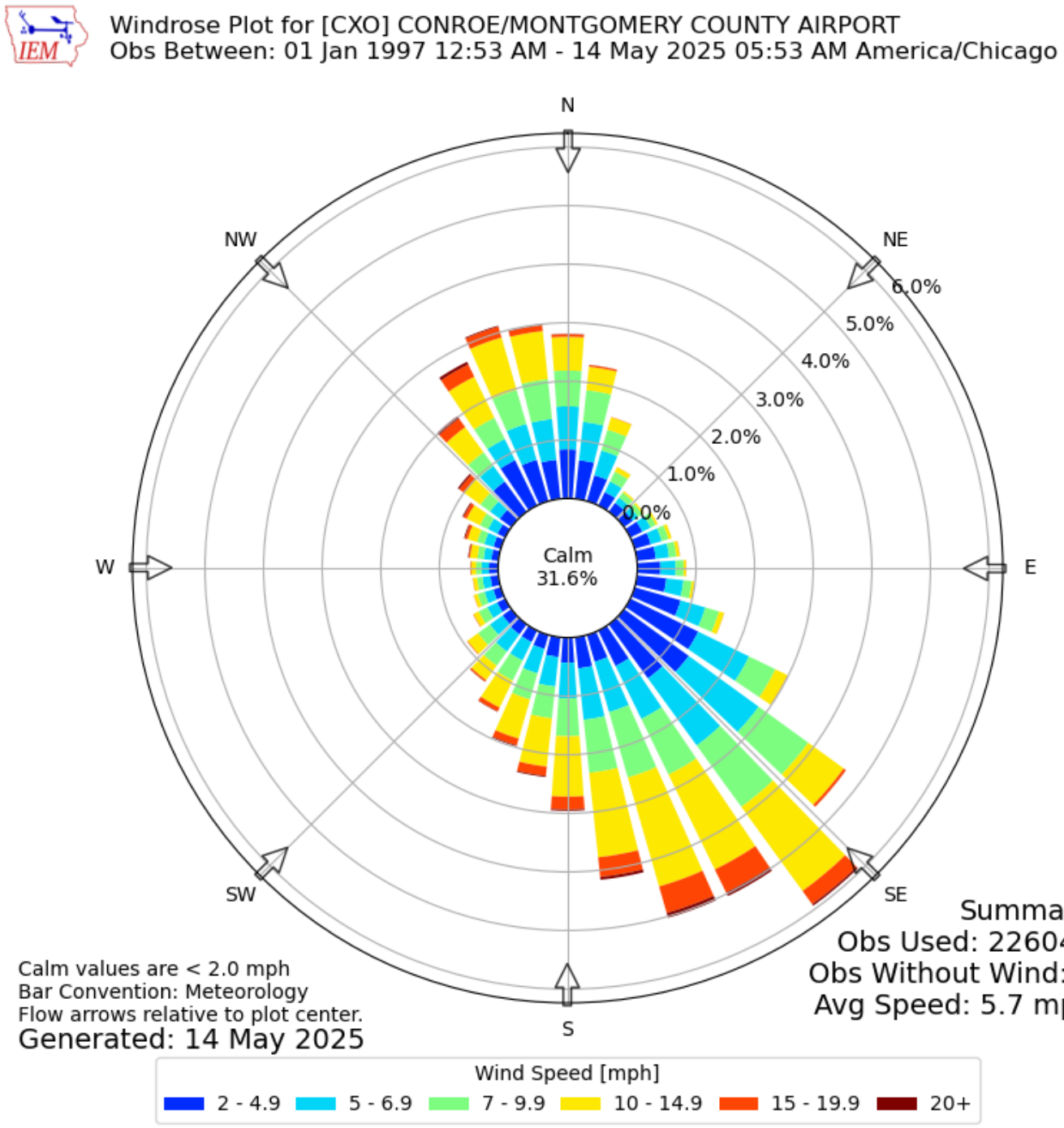

	EXHIBIT TITLE:	WIND ROSE
	LOCATION:	WWTP NAME
	DATE ISSUED:	JUNE 2025

WGA
TEXAS REGISTERED ENGINEERING FIRM F-9756
2500 Tanglewilde, Suite 120
Houston, Texas 77063
713.789.1900

Appendix P

Solids Management Plan

PROJECT NAME: CoM Stewart Creek WWTP TPDES
WGA PROJECT NO: 00574-023

SLUDGE MANAGEMENT PLAN PH I - 0.4 MGD

I.PARAMETERS

% CAPACITIES	100%	75%	50%	25%
AVG. FLOW (MGD)	0.400	0.3	0.15	0.038

CBOD5 REMOVAL		
Influent Concentration	300	mg/l
Effluent Concentration	0	mg/l
Net Removal	300	mg/l

DIGESTER VOLUME		
Identifier	Vol. (cu. ft.)	Vol. (Gal)
Digester No. 1	7,281	54,462
Digester No. 2	7,281	54,462
Total	**14,562**	**108,924**

II. DAILY SLUDGE PRODUCTIONS

CAPACITY	100%	75%	50%	25%
BOD REMOVED (LBS)	1001	751	500	250
DRY SLUDGE PRODUCED[(1)] (LBS)	315	236	158	79
WET SLUDGE PRODUCED[(2)](LBS)	15,763	11,822	7,881	3,941
VOL WET SLUDGE PRODUCED (GPD)	1890	1418	945	473
REMOVAL SCHEDULE (DAYS)	57	76	115	230

(1) Assuming 0.315 lbs of dry sludge produced per pound of BOD5 removed
(2) Assuming 2% Solids

Sludge will be removed from digester when digester is full of thickened solids. Sludge will be removed by a registered transporter and hauled to a permitted disposal site.

At 100% Capacity, sludge shall be removed from basins every 57 days

PROJECT NAME: CoM Stewart Creek WWTP TPDES
WGA PROJECT NO: 00574-023

SLUDGE MANAGEMENT PLAN PH I - 0.8 MGD

I.PARAMETERS

% CAPACITIES	100%	75%	50%	25%
AVG. FLOW (MGD)	0.800	0.6	0.3	0.075

CBOD5 REMOVAL		
Influent Concentration	300	mg/l
Effluent Concentration	0	mg/l
Net Removal	300	mg/l

DIGESTER VOLUME		
Identifier	Vol. (cu. ft.)	Vol. (Gal)
Digester No. 1	6,090	45,553
Digester No. 2	6,090	45,553
Digester No. 3	6,090	45,553
Digester No. 4	6,090	45,553
Total	**24,360**	**182,213**

II. DAILY SLUDGE PRODUCTIONS

CAPACITY	100%	75%	50%	25%
BOD REMOVED (LBS)	2002	1501	1001	500
DRY SLUDGE PRODUCED[(1)] (LBS)	631	473	315	158
WET SLUDGE PRODUCED[(2)](LBS)	31,525	23,644	15,763	7,881
VOL WET SLUDGE PRODUCED (GPD)	3780	2835	1890	945
REMOVAL SCHEDULE (DAYS)	48	64	96	192

(1) Assuming 0.315 lbs of dry sludge produced per pound of BOD5 removed
(2) Assuming 2% Solids

Sludge will be removed from digester when digester is full of thickened solids. Sludge will be removed by a registered transporter and hauled to a permitted disposal site.

At 100% Capacity, sludge shall be removed from basins every 48 days

Appendix Q

Lab Analysis Results

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

August 04, 2025

Laboratory Report

Brian Lucas
Hays Utility - Conroe
P.O. Box 1268
Montgomery, TX 77356

Report ID: 20250804114130JKW

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
Project Manager

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

Hays Utility - Conroe
P.O. Box 1268
Montgomery, TX 77356

Reported:
08/04/2025 11:41

Sample Results

Client Sample ID: Outfall 001
Lab Sample ID: 25G3930-01
City of Montgomery - NP - Permit Ammendment [none]

Sample Matrix: Aqueous
Date Collected: 07/17/2025 7:20
Collected by: Stephen Galick

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 2320 B	Alkalinity as CaCO3	A	182		mg/L	1	10.0	10.0	BIG2418	07/18/2025 10:44	FPN
SM 5210 B	Carbonaceous BOD (CBOD)	A	3.41		mg/L	13514	2.03	2.03	BIG2417	07/23/2025 10:57	BAK
EPA 300.0	Chloride	A	196		mg/L	10	0.345	10.0	BIG2273	07/17/2025 17:47	JVG
SM 2510 B	Conductivity	A	1180		umhos/cm @ 25 °C	1	2.00	2.00	BIG2418	07/18/2025 10:44	FPN
EPA 350.1	Ammonia as N	A	0.0590		mg/L	1	0.0140	0.0400	BIG2499	07/18/2025 13:57	TBB
EPA 300.0	Nitrate as N	A	12.1		mg/L	10	0.142	1.00	BIG2273	07/17/2025 17:47	JVG
EPA 1664A	n-Hexane Extractable Material (O&G)	A	<5.00	U	mg/L	1	3.32	5.00	BIG2803	07/22/2025 07:24	AKA
SM 2540 C	Residue-filterable (TDS)	A	670		mg/L	1	10.0	10.0	BIG2420	07/21/2025 09:12	BP
SM 4500-NH3 C	Total Kjeldahl Nitrogen - (TKN)	A	1.57		mg/L	1	0.100	1.00	BIG2571	07/23/2025 12:39	ENR
EPA 365.1	Total Phosphorus	A	4.54		mg/L	1	0.0586	0.100	BIG3155	07/24/2025 16:59	GJG
SM 2540 D	Residue-nonfilterable (TSS)	A	14.8		mg/L	1	1.00	1.00	BIG2717	07/22/2025 10:13	JRU
Microbiology											
Enterolert/ASTM D6503-99	Enterococci	A	25.6		MPN/100 mL	1	1.00	1.00	BIG2355	07/18/2025 15:51	ASB
SM 9223 B (Colilert Quanti-Tray)	Escherichia coli (E. coli)	A	14.8		MPN/100 mL	1	1.00	1.00	BIG2354	07/18/2025 14:49	TGR
Field											
Hach 10360	DO Field	N	7.41		mg/L	1	1.00	1.00	BIG2405	07/17/2025 07:20	SWG
SM 4500-H+ B	pH	N	7.64		pH Units @ 25 °C	1	1.00	1.00	BIG2405	07/17/2025 07:20	SWG
SM 4500-Cl G	Total Residual Chlorine	N	1.21		mg/L	1	0.25	0.25	BIG2405	07/17/2025 07:20	SWG

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

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Montgomery, TX 77356

Reported:
08/04/2025 11:41

Sample Results
(Continued)

Client Sample ID: Outfall 001
Lab Sample ID: 25G3930-01RE1
City of Montgomery - NP - Permit Ammendment [none]

Sample Matrix: Aqueous
Date Collected: 07/17/2025 7:20
Collected by: Stephen Galick

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
EPA 300.0	Sulfate (Rerun)	A	30.8		mg/L	10	0.341	10.0	BIG2534	07/18/2025 18:21	JVG

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Reported:
08/04/2025 11:41

Sample Results
(Continued)

Client Sample ID: Influent
Lab Sample ID: 25G3930-02
City of Montgomery - NP - Permit Ammendment [none]

Sample Matrix: Aqueous
Date Collected: 07/17/2025 7:20
Collected by: Stephen Galick

Method	Analyte	*	Result	Q	Units	DF	SDL	LRL	Batch	Analyzed	Analyst
General Chemistry											
SM 5210 B	Biochemical Oxygen Demand (BOD)	A	217		mg/L	25	50.0	50.0	BIG2416	07/23/2025 09:55	BAK

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P.O. Box 1268
Montgomery, TX 77356

Reported:
08/04/2025 11:41

Quality Control

General Chemistry

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG2273 - EPA 300.0										
Duplicate (BIG2273-DUP1)		**Source: 25G1417-01**			Prepared & Analyzed: 7/17/2025					
Chloride	593		50.0	mg/L		590			0.524	15
Sulfate	820		50.0	mg/L		816			0.446	15
Nitrate as N	7.05		5.00	mg/L		7.50			6.19	15
Duplicate (BIG2273-DUP2)		**Source: 25G4017-02**			Prepared & Analyzed: 7/17/2025					
Nitrate as N	21.1		2.00	mg/L		21.5			1.69	15
Chloride	241		20.0	mg/L		243			0.933	15
Sulfate	54.7		20.0	mg/L		55.2			0.837	15
MRL Check (BIG2273-MRL1)					Prepared & Analyzed: 7/17/2025					
Sulfate	1.07		1.00	mg/L	1.00		107	50-150		
Nitrate as N	0.115		0.100	mg/L	0.100		115	50-150		
Chloride	1.07		1.00	mg/L	1.00		107	50-150		
Matrix Spike (BIG2273-MS1)		**Source: 25G1417-01**			Prepared & Analyzed: 7/17/2025					
Chloride	627	J1	55.6	mg/L	11.1	590	330	80-120		
Sulfate	834		55.6	mg/L	22.2	816	80.5	80-120		
Nitrate as N	9.00	J1	5.56	mg/L	2.22	7.50	67.5	80-120		
Matrix Spike (BIG2273-MS2)		**Source: 25G4017-02**			Prepared & Analyzed: 7/17/2025					
Nitrate as N	23.4		2.22	mg/L	2.22	21.5	85.4	80-120		
Chloride	263	J1	22.2	mg/L	11.1	243	180	80-120		
Sulfate	75.9		22.2	mg/L	22.2	55.2	93.3	80-120		
Batch: BIG2416 - BOD-5210										
LCS (BIG2416-BS1)					Prepared: 7/18/2025 Analyzed: 7/23/2025					
Biochemical Oxygen Demand (BOD)	153	J1		mg/L	198		77.4	85-115		

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Montgomery, TX 77356

Reported:
08/04/2025 11:41

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG2416 - BOD-5210 (Continued)										
Duplicate (BIG2416-DUP1)		**Source: 25G0375-01**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Biochemical Oxygen Demand (BOD)	6.85		2.40	mg/L		6.83			0.322	40
Duplicate (BIG2416-DUP2)		**Source: 25G3861-07**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Biochemical Oxygen Demand (BOD)	<2.40	U	2.40	mg/L		2.77			200	40
Duplicate (BIG2416-DUP3)		**Source: 25G4014-01**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Biochemical Oxygen Demand (BOD)	<2.40	U	2.40	mg/L		<2.40				40
Duplicate (BIG2416-DUP4)		**Source: 25G3932-02**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Biochemical Oxygen Demand (BOD)	182		50.0	mg/L		169			7.62	20
Duplicate (BIG2416-DUP5)		**Source: 25G4017-03**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Biochemical Oxygen Demand (BOD)	102		50.0	mg/L		123			18.4	20
Duplicate (BIG2416-DUP6)		**Source: 25F4553-13**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Biochemical Oxygen Demand (BOD)	3.66		3.00	mg/L		<3.00			200	40
Batch: BIG2417 - CBOD-5210										
LCS (BIG2417-BS1)					Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	197			mg/L	198		99.6	85-115		
Duplicate (BIG2417-DUP1)		**Source: 25G3906-02**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	3.45		2.40	mg/L		<2.40			200	40
Duplicate (BIG2417-DUP2)		**Source: 25G3902-02**			Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		3.54			200	40

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Montgomery, TX 77356

Reported:
08/04/2025 11:41

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG2417 - CBOD-5210 (Continued)										
Duplicate (BIG2417-DUP3)			**Source: 25G3871-02**		Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	4.45		2.40	mg/L		3.88			13.7	40
Duplicate (BIG2417-DUP4)			**Source: 25G3902-04**		Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		4.13			200	40
Duplicate (BIG2417-DUP5)			**Source: 25G3889-02**		Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	3.57		2.40	mg/L		<2.40			200	40
Duplicate (BIG2417-DUP6)			**Source: 25G3882-02**		Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	3.86		2.40	mg/L		4.21			8.82	40
Duplicate (BIG2417-DUP7)			**Source: 25G3874-02**		Prepared: 7/18/2025 Analyzed: 7/23/2025					
Carbonaceous BOD (CBOD)	<2.40	U	2.40	mg/L		<2.40				40
Batch: BIG2418 - Alkalinity										
Blank (BIG2418-BLK1)					Prepared & Analyzed: 7/18/2025					
Alkalinity as CaCO3	<10.0	U	10.0	mg/L						
Conductivity	<2.00	U	2.00	umhos/cm @ 25 °C						
LCS (BIG2418-BS1)					Prepared & Analyzed: 7/18/2025					
Conductivity	1380			umhos/cm @ 25 °C	1410		97.5	90-110		
QCS (BIG2418-BS2)					Prepared & Analyzed: 7/18/2025					
Conductivity	511			umhos/cm @ 25 °C	500		102	90-110		
LCS (BIG2418-BS4)					Prepared & Analyzed: 7/18/2025					
Alkalinity as CaCO3	101			mg/L	100		101	90-110		

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Email: lab@nwdls.com
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TCEQ TX-C25-00094

Hays Utility - Conroe
P.O. Box 1268
Montgomery, TX 77356

Reported:
08/04/2025 11:41

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG2418 - Alkalinity (Continued)										
Duplicate (BIG2418-DUP1)		**Source: 25G3892-01**			Prepared & Analyzed: 7/18/2025					
Alkalinity as CaCO3	32.0		10.0	mg/L		31.4			1.83	15
Conductivity	959		2.00	umhos/cm @ 25 °C		950			0.943	15
Duplicate (BIG2418-DUP2)		**Source: 25G3930-01**			Prepared & Analyzed: 7/18/2025					
Alkalinity as CaCO3	179		10.0	mg/L		182			1.25	15
Conductivity	1180		2.00	umhos/cm @ 25 °C		1180			0.339	15
Batch: BIG2420 - TDS										
Blank (BIG2420-BLK1)					Prepared: 7/18/2025 Analyzed: 7/21/2025					
Residue-filterable (TDS)	<10.0	U	10.0	mg/L						
LCS (BIG2420-BS1)					Prepared: 7/18/2025 Analyzed: 7/21/2025					
Residue-filterable (TDS)	143		10.0	mg/L	150		95.3	90-110		
Duplicate (BIG2420-DUP1)		**Source: 25G3930-01**			Prepared: 7/18/2025 Analyzed: 7/21/2025					
Residue-filterable (TDS)	682		10.0	mg/L		670			1.78	10
Batch: BIG2499 - NH3-N SEAL-350.1										
Matrix Spike (BIG2499-MS1)		**Source: 25G3878-02**			Prepared & Analyzed: 7/18/2025					
Ammonia as N	0.439		0.0802	mg/L	0.200	0.238	100	90-110		
Matrix Spike (BIG2499-MS2)		**Source: 25G3689-02**			Prepared & Analyzed: 7/18/2025					
Ammonia as N	0.228		0.0401	mg/L	0.200	0.0270	101	90-110		

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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: BIG2499 - NH3-N SEAL-350.1 (Continued)										
Matrix Spike Dup (BIG2499-MSD1)		**Source: 25G3878-02**			Prepared & Analyzed: 7/18/2025					
Ammonia as N	0.445		0.0802	mg/L	0.200	0.238	103	90-110	1.36	20
Matrix Spike Dup (BIG2499-MSD2)		**Source: 25G3689-02**			Prepared & Analyzed: 7/18/2025					
Ammonia as N	0.229		0.0401	mg/L	0.200	0.0270	101	90-110	0.438	20
Batch: BIG2534 - EPA 300.0										
Duplicate (BIG2534-DUP1)		**Source: 25G1418-01**			Prepared & Analyzed: 7/18/2025					
Sulfate	739		20.0	mg/L		741			0.306	15
Duplicate (BIG2534-DUP2)		**Source: 25G0263-01**			Prepared & Analyzed: 7/18/2025					
Sulfate	10.4		1.00	mg/L		10.4			0.00957	15
MRL Check (BIG2534-MRL1)					Prepared & Analyzed: 7/18/2025					
Sulfate	1.21		1.00	mg/L	1.00		121	50-150		
Matrix Spike (BIG2534-MS1)		**Source: 25G1418-01**			Prepared & Analyzed: 7/18/2025					
Sulfate	760		22.2	mg/L	22.2	741	85.5	80-120		
Matrix Spike (BIG2534-MS2)		**Source: 25G0263-01**			Prepared & Analyzed: 7/18/2025					
Sulfate	32.1		1.11	mg/L	22.2	10.4	97.5	80-120		
Batch: BIG2571 - TKN T										
Blank (BIG2571-BLK1)					Prepared: 7/22/2025 Analyzed: 7/23/2025					
Total Kjeldahl Nitrogen - (TKN)	<1.00	U	1.00	mg/L						

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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: BIG2571 - TKN T (Continued)										
LCS (BIG2571-BS1)					Prepared: 7/22/2025 Analyzed: 7/23/2025					
Total Kjeldahl Nitrogen - (TKN)	1.46		1.00	mg/L	1.56		93.1	85-115		
Duplicate (BIG2571-DUP1)		**Source: 25G0733-02**			Prepared: 7/22/2025 Analyzed: 7/23/2025					
Total Kjeldahl Nitrogen - (TKN)	0.672	U	1.00	mg/L		0.560			18.2	20
Matrix Spike (BIG2571-MS1)		**Source: 25G0733-02**			Prepared: 7/22/2025 Analyzed: 7/23/2025					
Total Kjeldahl Nitrogen - (TKN)	4.70		1.00	mg/L	4.00	0.560	104	85-115		
Batch: BIG2717 - TSS										
Blank (BIG2717-BLK1)					Prepared: 7/21/2025 Analyzed: 7/22/2025					
Residue-nonfilterable (TSS)	<1.00	U	1.00	mg/L						
LCS (BIG2717-BS1)					Prepared: 7/21/2025 Analyzed: 7/22/2025					
Residue-nonfilterable (TSS)	99.2		1.00	mg/L	100		99.2	85-115		
Duplicate (BIG2717-DUP1)		**Source: 25G0391-01**			Prepared: 7/21/2025 Analyzed: 7/22/2025					
Residue-nonfilterable (TSS)	1.26		1.00	mg/L		1.26			0.00	10
Duplicate (BIG2717-DUP2)		**Source: 25G3993-01**			Prepared: 7/21/2025 Analyzed: 7/22/2025					
Residue-nonfilterable (TSS)	<1.00	J1, U	1.00	mg/L		1.47			200	10
Batch: BIG2803 - EPA 1664										
Blank (BIG2803-BLK1)					Prepared & Analyzed: 7/22/2025					
n-Hexane Extractable Material (O&G)	<5.00	U	5.00	mg/L						

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Reported:
08/04/2025 11:41

Quality Control
(Continued)

General Chemistry (Continued)

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG2803 - EPA 1664 (Continued)										
LCS (BIG2803-BS1)					Prepared & Analyzed: 7/22/2025					
n-Hexane Extractable Material (O&G)	42.3		5.00	mg/L	40.0		106	77.5-114.5		
LCS Dup (BIG2803-BSD1)					Prepared & Analyzed: 7/22/2025					
n-Hexane Extractable Material (O&G)	45.5		5.00	mg/L	40.0		114	77.5-114.5	7.42	20
Matrix Spike (BIG2803-MS1)		**Source: 25G4329-01**			Prepared & Analyzed: 7/22/2025					
n-Hexane Extractable Material (O&G)	8.26	J1	5.00	mg/L	40.0	<5.00	20.7	77.5-114.5		
Batch: BIG3155 - Phosphorus EPA 365.1										
LCS (BIG3155-BS1)					Prepared: 7/23/2025 Analyzed: 7/24/2025					
Total Phosphorus	0.240		0.0100	mg/L	0.250		95.9	90-110		
Matrix Spike (BIG3155-MS1)		**Source: 25G4370-05**			Prepared: 7/23/2025 Analyzed: 7/24/2025					
Total Phosphorus	16.3		0.500	mg/L	12.5	4.09	97.5	80-120		
Matrix Spike (BIG3155-MS2)		**Source: 25G3878-04**			Prepared: 7/23/2025 Analyzed: 7/24/2025					
Total Phosphorus	23.8		0.500	mg/L	12.5	10.5	107	80-120		
Matrix Spike Dup (BIG3155-MSD1)		**Source: 25G4370-05**			Prepared: 7/23/2025 Analyzed: 7/24/2025					
Total Phosphorus	16.0		0.500	mg/L	12.5	4.09	95.4	80-120	1.64	20
Matrix Spike Dup (BIG3155-MSD2)		**Source: 25G3878-04**			Prepared: 7/23/2025 Analyzed: 7/24/2025					
Total Phosphorus	22.7		0.500	mg/L	12.5	10.5	98.0	80-120	4.62	20

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Quality Control
(Continued)

Microbiology

Analyte	Result	Qual	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch: BIG2354 - TC EC Quantitray										
Blank (BIG2354-BLK1)					Prepared: 7/17/2025 Analyzed: 7/18/2025					
Escherichia coli (E. coli)	<1.00	U	1.00	MPN/100 mL						
Duplicate (BIG2354-DUP1)			**Source: 25G4018-01**		Prepared: 7/17/2025 Analyzed: 7/18/2025					
Escherichia coli (E. coli)	15.6		1.00	MPN/100 mL		34.1			74.4	200
Batch: BIG2355 - ENT Quantitray										
Blank (BIG2355-BLK1)					Prepared: 7/17/2025 Analyzed: 7/18/2025					
Enterococci	<1.00	U	1.00	MPN/100 mL						
Duplicate (BIG2355-DUP1)			**Source: 25G3930-01**		Prepared: 7/17/2025 Analyzed: 7/18/2025					
Enterococci	4.10	J1	1.00	MPN/100 mL		25.6			145	200

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08/04/2025 11:41

Sample Condition Checklist

Work Order: 25G3930

	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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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

NWDLS
North Water District Laboratory Services, Inc.

North Water District Laboratory Services
130 S. Trade Center Pkwy, Conroe Tx 77385
(936) 321-6060 - lab@nwdls.com
TCEQ TX-C25-00094

25G3930

Lab PM : Justin Wood	**Project Name** : City of Montgomery - NP - Permit Ammendment	**Schedule Comments:**
Hays Utility - Conroe Brian Lucas P.O. Box 1268 Montgomery, TX 77356 Phone: (936) 588-1166	**Project Comments:**	

Sample ID	Collection Point	Date/Time Begin	Date/Time Sampled	Sample Type	Container	Analysis/Preservation		Field Results	
25G3930-01	Outfall 001		7/17/2025 0720	AQ Grab	A HDPE 250mL B HDPE 1L C HDPE 250mL D HDPE 250mL E FieldContainer F HDPE S250mL Na2S2O3 G HDPE 250mL H2SO4 H HDPE 250mL H2SO4 I HDPE 250mL J Glass Wide 1L w/ Teflon-lined Lid HCl pH <2 K HDPE 250mL L HDPE S250mL Na2S2O3 M Glass 250mL N Glass 250mL H2SO4 O HDPE 1L	ENT-ASTMD6503 TC EC-9223 O&G-1664 Alkalinity-2320 CBOD-5210 Chloride IC 300.0 Conductivity-2510 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 TSS-2540	Na2S2O3 <10°C Na2S2O3 <10°C HCl 4°C 4°C 4°C 4°C 4°C H2SO4 4°C 4°C 4°C 4°C H2SO4 4°C H2SO4 4°C 4°C	DO Field pH Field Total Cl Field	7.41 7.64 1.21
25G3930-02	Influent		7/17/2025	AQ Grab	A HDPE 250mL	RBOD-5210	4°C		

CHAIN OF CUSTODY RECORD

NWDLS
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North Water District Laboratory Services
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TCEQ TX-C25-00094

25G3930

(Continued)

Lab PM : Justin Wood	**Project Name** : City of Montgomery - NP - Permit Ammendment	**Schedule Comments:**
Hays Utility - Conroe Brian Lucas P.O. Box 1268 Montgomery, TX 77356 Phone: (936) 588-1166	**Project Comments**:	

Field Remarks:

Lab Preservation: (Circle and Write ID Below) H2SO4 HNO3 NaOH Other: _____

Sampler (Signature)	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Print Name: Stephen Galick	Relinquished By: (Signature)	Date/Time	Received By: (Signature)	Date/Time
Affiliation: NWDLS	Relinquished To Lab By: (Signature)	Date/Time 7-17-25 1405	Received for Laboratory By: (Signature)	Date/Time 7/17/25 1405

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: _____

September 12, 2025
Rachel Ellis
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission on Environmental Quality

RE: Application for Proposed Permit No.: WQ00 14737001 (EPA I.D. No. TX 0128031)
Applicant Name: City of Montgomery (CN 600644892)
Site Name: Stewart Creek Wastewater Treatment Plant (RN 105021836)
Type of Application: MAJOR AMENDMENT w/ Renewal
Response to Notice of Deficiency (NOD)

VIA EMAIL

Dear Ms. Ellis,

We received the Notice of Deficiency (NOD), dated September 11, 2025, to the application for the above referenced permit. Please see the following answers below.

Comment No. 1: Administrative Report 1.0, Application Fee on page 2: We were unable to confirm payment of the application processing fee. The filing fee for your application is $1,650.00. Please submit payment to: TCEQ, Revenue Section (MC 214), P.O. Box 13088, Austin, Texas 78711-3088. Also, we received a copy of the check and were still unable to find proof of payment. Please submit proof of payment with the response to this letter.

Response No. 1: The tracking number for the payment form is 9405540109628000132061 . USPS shows that the document with the check was delivered September 11, 2025. Please confirm the receipt of the check.

Comment No. 2: The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

APPLICATION. City of Montgomery, P.O. Box 708, Montgomery, Texas 77356, has applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014737001 (EPA I.D. No. TX0128031) to authorize an interim phase and increase the final flow from 400,000 gallons per day to 800,000 gpd. The domestic wastewater treatment facility is located southwest of the intersection of Farm-to-Market Road 2854 and Farm-to-Market Road 105, approximately 1100 feet west of Farm-to-Market Road 2854 and 600 feet south of Farm-to-Market Road 105, near the city of Montgomery, in Montgomery County, Texas 77356. The discharge route is from the plant site to an unnamed ditch, thence to Stewart Creek, thence to a dredged portion of Stewart Creek which is part of Lake Conroe. (pending RWA) TCEQ received this application on September 3, 2025. The permit application will be available for viewing and copying at Charles B. Stewart – West Branch Library, reference desk, 202 Bessie Price Owen Drive, Montgomery, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

> https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=95.681666,30.386111&level=18

Further information may also be obtained from City of Montgomery at the address stated above or by calling Mr. Christopher Todd, P.E., Ward, Getz & Associates **LLC**, at 832-413-5342.

> **Response No. 2: Please see the change applied above, highlighted in yellow with red text. The change consists of adding "LLC" in the last paragraph of the statement.**

Comment No. 3: The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

> **Response No. 3: Please see the attached word document.**

If you have any questions or require any further information, please don't hesitate to contact me at aanderson@wga-llc.com.
or by phone at 341-771-5311.

Sincerely,

Audrey Anderson, EIT
Project Engineer
Phone: 346-771-5311
Email: aanderson@wga-llc.com
Ward, Getz & Associates LLC

Enclosure(s)

Cc: Mr. Christopher Todd, P.E., Ward, Getz & Associates LLC, 2500 Tanglewilde, Suite 120, Houston, Texas 77063 (ctodd@wga-llc.com).

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. Ciudad de Montgomery, PO Box 708, Montgomery, Texas 77356, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para modificar el Permiso No. WQ0014737001 (EPA I.D. No. TX 0128031) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar para autorizar una fase intermedia y aumentar el flujo final de 400,000 galones por día a 800,000 gpd. La planta está ubicada al suroeste de la intersección de Farm-to-Market Road 2854 y Farm-to-Market Road 105, aproximadamente 1100 pies al oeste de Farm-to-Market Road 2854 y 600 pies al sur de Farm-to-Market Road 105, cerca de la ciudad de Montgomery, en el condado de Montgomery, Texas 77356. La ruta de descarga es del sitio de la planta a una zanja sin nombre, de allí a Stewart Creek, de allí a una parte dragada de Stewart Creek que es parte del lago Conroe. La TCEQ recibió esta solicitud el septiembre 3, 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Charles B. Stewart – Biblioteca West Branch, mostrador de referencia, 202 Bessie Price Owen Drive, Montgomery, 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=95.681666,30.386111&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 especifico. Si desea que se agrega 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 de la Ciudad de Montgomery a la dirección indicada arriba o llamando Sr. Christopher Todd, P.E., Ward, Getz & Associates LLC al 832-413-5342.

Fecha de emisión: *[Date notice issued]*

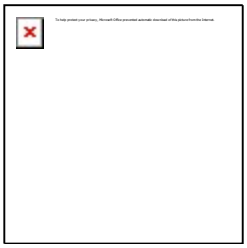
Rachel Ellis

From: no-reply@pb.com
Sent: Wednesday, September 3, 2025 2:01 PM
To: aanderson@wga-llc.com
Subject: A shipment from Maren EvansThiim is on its way

View tracking details

view as webpage

Your package is on its way



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Shipment details

Tracking number:	940554010962800013206 1
Estimated Delivery:	September 5, 2025
Carrier:	USPS
Memo:	AAnderson - 00574-023
Service:	Priority Mail®
Delivery address	TCEQ - FINANCIAL ADMINISTRATION CASHIER'S OFFICE MC-214 PO BOX 13088 AUSTIN, TX 78711-3088 US
Signature Required	No
Sender Name:	Maren EvansThiim
Sender Company:	WGA

Recipient Name:	TCEQ - Financial Administration
Recipient Company:	Cashier's Office MC-214

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