Administrative Package Cover Page

This file contains the following documents:

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

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR DOMESTIC TPDES PERMIT APPLICATION

Summary of Application (in plain language) for Domestic Texas Pollutant Discharge Elimination System (TPDES) Permit Application

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

The City of Elgin, Texas (CN600336549) proposes to operate the City of Elgin wastewater treatment plant No. 2 (RNxx), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 18706 Littig Road, near the City of Elgin, Travis County, Texas 78653.

This application is for a new application to discharge at a daily average flow of 3,000,000 gallons per day of treated domestic wastewater for Phase I and a daily average flow of 6,000,000 gallons per day of treated domestic wastewater for the Final Phase.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), ammonia nitrogen (NH_3-N), total Phosphorus, and *Escherichia coli*. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include mechanical fine screens, aeration basins, clarifiers, aerated digester basins, tertiary filter basin, aerated chlorine contact basin, and a dechlorination basin.

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS TPDES

AGUAS RESIDUALES DOMÉSTICAS

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 son representaciones federales exigibles de la solicitud de permiso.

La Ciudad de Elgin, Texas (CN600336549) propone operar la Planta de Tratamiento de Aguas Residuales No. 2 de la Ciudad de Elgin (RNxx), una planta de proceso de lodos activados operada en modo de aireación extendida. La instalación estará ubicada en 18706 Littig Road, cerca de la Ciudad de Elgin, Condado de Travis, Texas 78653.

Esta solicitud corresponde a una nueva autorización para descargar un flujo promedio diario de 3,000,000 galones por día de aguas residuales domésticas tratadas en la Fase I, y un flujo promedio diario de 6,000,000 galones por día de aguas residuales domésticas tratadas en la Fase Final.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno de cinco días (DBO5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N), fósforo total y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante un proceso de lodos activados, y las unidades de tratamiento incluirán cribas mecánicas finas, estanques de aireación, clarificadores, estanques digestores aireados, estanque de filtración terciaria, estanque de contacto con cloro aireado y un estanque de decloración.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PROPOSED PERMIT NO. WQ0016887001

APPLICATION. City of Elgin, P.O. Box 591, Elgin, Texas 78621, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016887001 (EPA I.D. No. TX0148547) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 6,000,000 gallons per day. The domestic wastewater treatment facility will be located at 18706 Littig Road, near the city of Elgin, in Travis County, Texas 78653. The discharge route will be from the plant site via pipe to Dry Creek; thence to Wilbarger Creek; thence to Colorado River Above La Grange. TCEQ received this application on September 22, 2025. The permit application will be available for viewing and copying at Department of Planning and Development, Front Desk, 1135 Swenson Boulevard, Elgin, in Bastrop County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.43666,30.321111&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 Elgin at the address stated above or by calling Mr. Michael Gonzalez, Public Works Director, at 512-285-6642.

Issuance Date: October 14, 2025

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO PROPUESTO NO. WQ0016887001

SOLICITUD. Ciudad de Elgin, P.O. Box 591, Elgin, Texas 78621, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016887001 (EPA I.D. No. TX0148547) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 6,000,000 galones por día. La planta estará ubicada 18706 Littig Road, cerca de la ciudad de Elgin, en el condado de Travis, Texas 78653. La ruta de descarga será desde el sitio de la planta a través de una tubería hasta Dry Creek; de allí a Wilbarger Creek; de allí al río Colorado por encima de La Grange. La TCEQ recibió esta solicitud el 22 de Septiembre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Departamento de Planificación y Desarrollo, Recepción, 1135 Swenson Boulevard, Elgin, en el condado de Bastrop, 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=-97.43666,30.321111&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 del Ciudad de Elgin a la dirección indicada arriba o llamando a Mr. Michael Gonzalez, Director de Obras Públicas, al (512) 285-6642.

Fecha de emisión: 14 de octubre de 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: City of Elgin

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

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

	Y	N		Y	N
Administrative Report 1.0	☒	☐	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: 110725

Check/Money Order Amount: $2,050.00

Name Printed on Check: City of Elgin, Texas

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: N/A

f. For existing permits:

Permit Number: WQ00 N/A

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

Expiration Date: N/A

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

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

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

City of Elgin

(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: 600336549

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

Prefix: Mr. Last Name, First Name: Gonzalez, Michael

Title: Public Works Director Credential: Click to enter text.

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

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

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. Attachment 1

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Gonzalez, Michael

Title: Public Works Director Credential: Click to enter text.

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas 78621

Phone No.: (512) 285-6642 E-mail Address: Michael.Gonzalez@elgintexas.gov

Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: Mr. Last Name, First Name: Perry, Beau K.

Title: Regional Practice Leader Credential: P.E.

Organization Name: WGA, LLC

Mailing Address: 9390 Research Blvd., Suite 305 City, State, Zip Code: Austin, Texas, 78759

Phone No.: (512) 569-1709 E-mail Address: bperry@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: Gonzalez, Michael

Title: Public Works Director Credential: Click to enter text.

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas, 78621

Phone No.: (512) 285-6642 E-mail Address: Michael.Gonzalez@elgintexas.gov

B. Prefix: Ms. Last Name, First Name: Jarmon, Karol

Title: Administrative Assistant Credential: Click to enter text.

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas, 78621

Phone No.: (512) 229-3260 E-mail Address: Karol.Jarmon@elgintexas.gov

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: Gonzalez, Michael

Title: Public Works Director Credential: Click to enter text.

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas, 78621

Phone No.: (512) 285-6642 E-mail Address: Michael.Gonzalez@elgintexas.gov

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: Gonzalez, Michael

Title: Public Works Director Credential: Click to enter text.

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas, 78621

Phone No.: (512) 285-6642 E-mail Address: Michael.Gonzalez@elgintexas.gov

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Standifer, Peyton

Title: City Secretary Credential: Click to enter text.

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas, 78621

Phone No.: (512) 229-3222 E-mail Address: Peyton.Standifer@elgintexas.gov

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: Gonzalez, Michael

Title: Public Works Director Credential: Click to enter text.

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas 78621

Phone No.: (512) 285-6642 E-mail Address: Michael.Gonzalez@elgintexas.gov

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: Department of Planning and Development

Location within the building: Front Desk

Physical Address of Building: 1135 Swenson Blvd.

City: Elgin County: Bastrop

Contact (Last Name, First Name): Gonzalez, Michael

Phone No.: (512) 285-6642 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Summary of Application in Plain Language Template

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

Attachment: Attachment 2

G. Public Involvement Plan Form

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

Attachment: Attachment 3

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

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

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

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

Elgin Wastewater Treatment Plant No. 2

C. Owner of treatment facility: City of Elgin

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: City of Elgin

Title: N/A Credential: N/A

Organization Name: City of Elgin

Mailing Address: P.O. Box 591 City, State, Zip Code: Elgin, Texas, 78621

Phone No.: (512) 285-5721 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: N/A

E. Owner of effluent disposal site:

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

Title: N/A Credential: N/A

Organization Name: N/A

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

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

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

Attachment: N/A

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

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

Title: N/A Credential: N/A

Organization Name: N/A

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

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

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

This application is for a new TPDES Discharge Permit. The location of the wastewater treatment facility will be 18706 Littig Road, Travis County, Texas 78653. Approximately 0.50 mile southwest of County Line Road, City of Elgin, Travis County, Texas.

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:

Outfall 001 is located along the northwest property line of the subject property. Effluent will be piped (gravity flow) along the shared property line of the subject property and adjacent property to the north, traveling westerly to the discharge point at Dry Creek, which will ultimately flow to Unclassified Wilbarger Creek (Segment No. 1434D).

City nearest the outfall(s): Elgin

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

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: Travis, Bastrop, Hays, Comal, and Bexar Counties

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

N/A

B. City nearest the disposal site: N/A

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

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

N/A

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

N/A

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

☒ Yes ☐ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: N/A

Amount past due: N/A

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: N/A

Amount past due: N/A

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Core Data Form (1), Plain Language Summary (2), Public Involvement Plan Form (3), USGS MAP (4), Buffer Zone Map (5), Property Photographs (6), and Nearby Landowner Mailing List and Labels (Avery 5160) (7), and SPIF (8).

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: Click to enter text.

Applicant: City of Elgin

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): Michael Gonzalez

Signatory title: Public Works Director

Signature: _____ Date: 9/12/25

(Use blue ink)

Subscribed and Sworn to before me by the said MICHAEL GONZALEZ

on this 12th day of SEPTEMBER, 2025.

My commission expires on the 2ND day of AUGUST, 2027.

Melissa Lipiec

Notary Public

[SEAL]

MELISSA LIPIEC
Notary Public, State of Texas
Comm. Expires 08-02-2027
Notary ID 124244585

BASTROP

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: Travis County Appraisal District Website

E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?

☐ Yes ☒ No

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

N/A

Section 2. Original Photographs (Instructions Page 38)

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

☒ At least one original photograph of the new or expanded treatment unit location

☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.

☐ At least one photograph of the existing/proposed effluent disposal site

☒ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

☒ Ownership

☐ Restrictive easement

☐ Nuisance odor control

☐ Variance

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

☒ Yes ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Attachment 4

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): N/A

Full legal name (Last Name, First Name, Middle Initial): N/A

Driver's License or State Identification Number: N/A

Date of Birth: N/A

Mailing Address: N/A

City, State, and Zip Code: N/A

Phone Number: N/A Fax Number: N/A

E-mail Address: N/A

CN: N/A

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

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 600336549		**RN**

SECTION II: Customer Information

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

☐ 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 Elgin

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:	PO Box 591						
	City	Elgin	**State**	TX	**ZIP**	78621	**ZIP + 4**	3205

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	MICHAEL.GONZALEZ@ELGINTEXAS.GOV

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 285-6642		( ) -

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.)*

Elgin Wastewater Treatment Plant No. 2

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	18706 Littig Road							
	City	Elgin	**State**	TX	**ZIP**	78653	**ZIP + 4**	
24. County	Travis							

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

25. Description to Physical Location:	18706 Littig Road, approximtaely 0.50 mile southwest of County Line Road, City of Elgin, Travis County, Texas.

26. Nearest City	State	Nearest ZIP Code
Elgin, Texas	TX	78621

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:			28. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	19	16.68	97	26	12.12

29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)	31. Primary NAICS Code (5 or 6 digits)	32. Secondary NAICS Code (5 or 6 digits)
4952		221320	

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

Municipal Wastewater Treatment Facility

34. Mailing Address:	**PO Box 591**							
	City	**Elgin**	**State**	**TX**	**ZIP**	**78621**	**ZIP + 4**	**3205**

35. E-Mail Address:	MICHAEL.GONZALEZ@ELGINTEXAS.GOV

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(512) 285-6642		( ) -

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

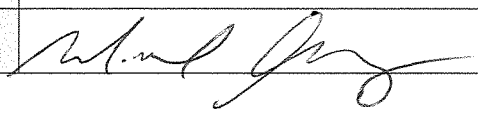
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water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

SECTION IV: Preparer Information

40. Name:	Beau Perry		**41. Title:**	Regional Practice Leader
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**		**45. E-Mail Address**
(512) 569-1709		( ) -		BPERRY@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 Elgin	**Job Title:**	Public Works Director	
Name *(In Print):*	Michael Gonzalez		**Phone:**	(512) 748- **4402**
Signature:			**Date:**	9/12/25

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR DOMESTIC TPDES PERMIT APPLICATION

Summary of Application (in plain language) for Domestic Texas Pollutant Discharge Elimination System (TPDES) Permit Application

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

The City of Elgin, Texas (CN600336549) proposes to operate the City of Elgin wastewater treatment plant No. 2 (RNxx), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 18706 Littig Road, near the City of Elgin, Travis County, Texas 78653.

This application is for a new application to discharge at a daily average flow of 3,000,000 gallons per day of treated domestic wastewater for Phase I and a daily average flow of 6,000,000 gallons per day of treated domestic wastewater for the Final Phase.

Discharges from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), ammonia nitrogen (NH_3-N), total Phosphorus, and *Escherichia coli*. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include mechanical fine screens, aeration basins, clarifiers, aerated digester basins, tertiary filter basin, aerated chlorine contact basin, and a dechlorination basin.

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.

A Public Involvement Plan is not required for this TPDES Permit Application as the project proposes to have minimal environmental impact based on the design and location of the wastewater treatment plant.

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)

ORIGINAL FULL-SIZE USGS TOPOGRAPHIC MAP

ELGIN WEST QUADRANGLE

7.5-MINUTE

97°28'20"W | 97°27'30"W | 97°26'40"W | 97°25'50"W | 97°25'0"W | 97°24'10"W | 97°23'20"W

30°21'40"N | 30°20'50"N | 30°20'0"N | 30°19'10"N | 30°18'20"N | 30°17'30"N | 30°16'40"N | 30°15'50"N | 30°15'0"N

DISCHARGE POINT

APPROXIMATE 1 MILE DOWNSTREAM LOCATION

APPROXIMATE 3 MILE DOWNSTREAM LOCATION

Elgin West

Coordinate System: GCS North American 1983
Datum: North American 1983

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Initial styling of this Map Document was provided by the US Geological Survey. The edited content in this document are neither done by nor endorsed by the USGS.

U.S. National Grid
100,000-m Square ID
00
Grid Zone Designation

SCALE 1:24,000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

ROAD CLASSIFICATION

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

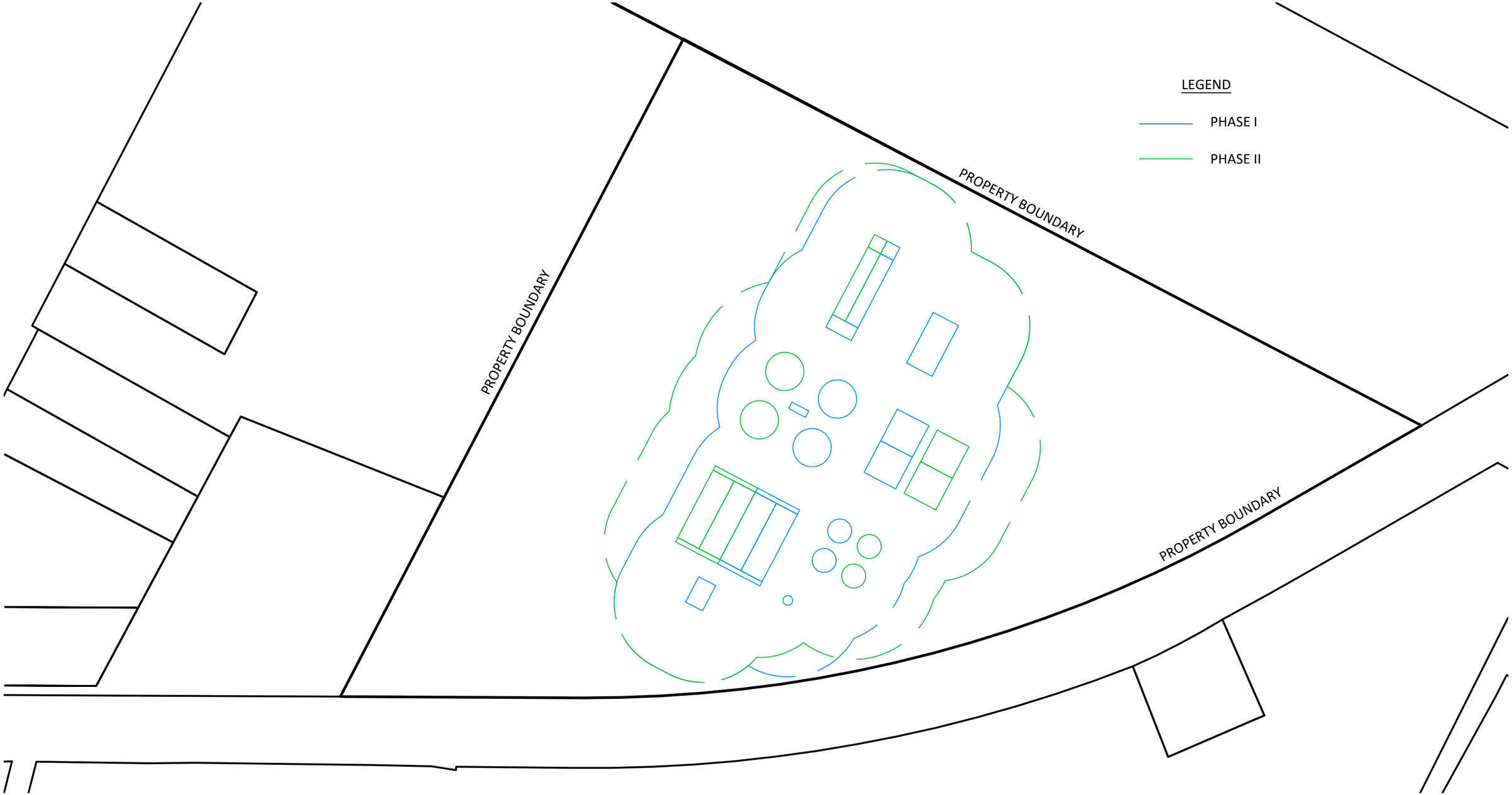
USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HIU; NOAA National Centers for Environmental Information. Data refreshed July, 2025.

ELGIN WASTEWATER TREATEMENT PLANT #2

2025

ANSI FULL BLEED B (17.00 X 11.00 INCHES)

DRAWN BY: HAR



0 200 400

SCALE: 1" = 200'

EXHIBIT TITLE:

CITY OF ELGIN WWTP NO. 2
PHASE 1 & 2 BUFFER ZONE MAP

LOCATION: TRAVIS COUNTY, TX

DATE ISSUED: August 26, 2025

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

S:\20003 City of Elgin\007 Elgin Wastewater Treatment Plant No. 2 Permitting\500 CAD_Exhibits\Permit Exhibits\BFFR ZONE MAP.dwg,8/29/2025 4:16 PM,CNGUYEN

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #1 DESCRIPTION:

Access gate from Littig Road at the center of the south boundary, facing north.

PHOTO #2 DESCRIPTION:

The road within the Subject Property near the south boundary, facing north.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #3 DESCRIPTION:

The road within the Subject Property near the south boundary, facing northeast.

PHOTO #4 DESCRIPTION:

The road within the Subject Property near the south boundary, facing southwest.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #5 DESCRIPTION:

The road within the Subject Property near the south boundary, facing southeast.

PHOTO #6 DESCRIPTION:

East corner of the Subject Property, facing northeast.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #7 DESCRIPTION:

East corner of the Subject Property, facing northwest.

PHOTO #8 DESCRIPTION:

East corner of the Subject Property, facing southeast.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #9 DESCRIPTION:

East corner of the Subject Property, facing southwest.

PHOTO #10 DESCRIPTION:

West corner of the Subject Property, facing east.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #11 DESCRIPTION:

West corner of the Subject Property, facing northeast.

PHOTO #12 DESCRIPTION:

West corner of the Subject Property, facing south.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #13 DESCRIPTION:

West corner of the Subject Property, facing west.

PHOTO #14 DESCRIPTION:

Southwest corner of the Subject Property, facing East.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #15 DESCRIPTION:

Southwest corner of the Subject Property, facing northeast.

PHOTO #16 DESCRIPTION:

Southwest corner of the Subject Property, facing southwest.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #17 DESCRIPTION:

Southwest corner of the Subject Property, facing west.

PHOTO #18 DESCRIPTION:

The property adjacent to the western boundary of the Subject Property, facing northwest.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #19 DESCRIPTION:

The property adjacent to the western boundary of the Subject Property, facing west.

PHOTO #20 DESCRIPTION:

Middle of the road near the center of the Subject Property, facing east.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #21 DESCRIPTION:

Middle of the road near the center of the Subject Property, facing north.

PHOTO #22 DESCRIPTION:

Middle of the road near the center of the Subject Property, facing southeast.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #23 DESCRIPTION:

Middle of the road near the center of the Subject Property, facing west.

PHOTO #24 DESCRIPTION:

Pile of metal debris, facing west.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #25 DESCRIPTION:

Metal fence enclosure (Pen #1), facing northeast.

PHOTO #26 DESCRIPTION:

Metal fence enclosure (Pen #2), facing north.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #27 DESCRIPTION:

Metal fence enclosure (Pen #3), facing north.

PHOTO #28 DESCRIPTION:

End of the road near northern Subject Property boundary, facing northeast.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #29 DESCRIPTION:

End of the road near north Subject Property boundary, facing southeast.

PHOTO #30 DESCRIPTION:

End of the road near north Subject Property boundary, facing southwest.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #31 DESCRIPTION:

End of the road near north Subject Property boundary, facing west.

PHOTO #32 DESCRIPTION:

Man-made stock pond, facing north.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #33 DESCRIPTION:

Man-made stock pond, facing southeast.

PHOTO #34 DESCRIPTION:

Man-made stock pond, facing south.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #35 DESCRIPTION:

Man-made stock pond, facing west.

PHOTO #36 DESCRIPTION:

Northwest corner of the Subject Property, facing northeast.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #37 DESCRIPTION:

Northwest corner of the Subject Property, facing northwest.

PHOTO #38 DESCRIPTION:

Northwest corner of the Subject Property, facing southeast

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #39 DESCRIPTION:

Northwest corner of the Subject Property, facing south.

PHOTO #40 DESCRIPTION:

Railroad tracks and Littig Road adjacent to the south boundary and entrance of the Subject Property, facing west.

PHOTOGRAPHIC REPORTING DATA SHEET

Client:	City of Elgin	**Photographer:**	WGA LLC
Name of Site:	± 39-acre tract	**Location:**	18706 Littig Road, Elgin, Texas 78653

PHOTO #41 DESCRIPTION:

Railroad tracks and Littig Road adjacent to the south boundary and entrance of the Subject Property, facing east.

PHOTO #42 DESCRIPTION:

Railroad tracks and Littig Road adjacent to the south boundary and entrance of the Subject Property, facing south.

POINT OF WWTP DISCHARGE

PROPOSED WASTEWATER TREATMENT PLANT

150' RADIUS BUFFER ZONE

APPLICANT

APPLICANT

APPROXIMATE 1 MILE DOWNSTREAM LOCATION

CONFLUENCE OF DRY CREEK TO WILBARGER CREEK (SEG. NO. 1434D)

APPROXIMATE 3 MILE DOWNSTREAM LOCATION

1434D_02

1434D_01

Littig

Littig Rd

Morrow Ln

Billings School Rd

Willow Creek

Dry Creek

Wilbarger Creek

Hibbs Ln

State Ln

County Line Rd

1 2 3 4 5 6 7 8 9 10 11 12 13 14

Legend

BUFFER ZONE

AU STREAMS

SERVICE AREA BOUNDARY

1 DENOTES LANDOWNER

WWTP #2 LANDOWNERS MAP

ELGIN, TEXAS

N W E S

0 450 900 1,800

Feet

1 INCH = 450 FEET

This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent on-the-ground survey and represents only the approximate relative location of property boundaries. No responsibility is assumed by the City of Elgin or WGA for damages or other liabilities due to the accuracy, availability, completeness, use or misuse of the information herein provided. The map is reflective of information as of the date of printing.

WGA

WARD, GETZ & ASSOCIATES LLC
TEXAS REGISTERED ENGINEERING FIRM F-9756
9390 Research Blvd, Suite 305
Austin, TX 78759
713.789.1900

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, Sources: Esri, Maxar, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen

TABLE "OWNER_INFO"

20003-007 TDPES Permit

City of Elgin Wastewater Treatment Plant #2

Adjacent & Downstream Land Ownership Table

Source: Travis Central Appraisal District

Tract No. (See Attachment "AffectedLandowners" Map)	Title Owner & Address
1	SOUTHWEST STALLION STATION LLC PO BOX 468 ELGIN TX 78621-0468
2	MCDONALD ORA JEAN SMITH 18809 LITTIG RD ELGIN TX 78621-4145
3	RICARIO JESUS & MARIA 11813 MORROW LN ELGIN TX 78621-4241
4	SCOTT DOLORES 12007 MORROW LN ELGIN TX 78621-4242
5	SCHOVAJSA RUTH H ETAL PO BOX 370 LA GRANGE TX 78945-0370
6	BAKER ANNIE M 11914 MORROW LANE ELGIN TX 78621-4138
7	BAKER ANNIE M 11914 MORROW LANE ELGIN TX 78621-4138
8	BEALL JONATHAN M 2503 FLORA CV AUSTIN TX 78746-6902
9	MINTON FAMILY TRUST 1100 GUADALUP ST AUSTIN TX 78701-2194
10	MORRIS SHARON & L SHACKLES 4703 HILLDALE DR AUSTIN TX 78723-6205

11	GARCIA GREGORIO & ALICIA 14505 CAMERON RD MANOR TX 78653-3303
12	RYNDERS CHRISTOPHER J & ERIN 17506 LITTIG RD MANOR TX 78653-5249
13	POWELL LISA R 6108 JANEY DR AUSTIN TX 78757-4436
14	BEALL JONATHAN M 2503 FLORA CV AUSTIN TX 78746-6902

SOUTHWEST STALLION STATION LLC
PO BOX 468
ELGIN, TEXAS 78621-0468

MCDONALD ORA JEAN SMITH
18809 LITTIG ROAD
ELGIN, TEXAS 7821-4145

RICARIO JESUS & MARIA
11813 MORROW LANE
ELGIN, TEXAS 78621-4241

SCOTT DOLORES
12007 MORROW LANE
ELGIN, TEXAS 78621-4242

SCHOVAJSA RUTH H ETAL
PO BOX 370
LA GRANGE, TEXAS 78945-0370

BAKER ANNIE M
11914 MORROW LANE
ELGIN, TEXAS 78621-4138

BAKER ANNIE M
11914 MORROW LANE
ELGIN, TEXAS 78621-4138

BEALL JONATHAN M
2503 FLORA CV
AUSTIN, TEXAS 78746-6902

MINTON FAMILY TRUST
1100 GUADALUP STREET
AUSTIN, TEXAS 78701-2194

MORRIS SHARON & L SHACKLES
4703 HILLDALE DRIVE
AUSTIN, TEXAS 78723-6205

GARCIA GREGORIO & ALICIA
14505 CAMERON ROAD
MANOR, TEXAS 78653-3303

RYNDERS CHRISTOPHER J & ERIN
17506 LITTIG ROAD
MANOR, TEXAS 78653-5249

POWELL LISA R
6108 JANEY DRIVE
AUSTIN, TEXAS 78757-4436

BEALL JONATHAN M
2503 FLORA CV
AUSTIN, TEXAS 78746-6902

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 Elgin

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

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

   18706 Littig Road, Texas 78653. Approximately 0.50 mile southwest of County Line Road, Elgin, Travis County, Texas.

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

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

First and Last Name: Gonzalez, Michael

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text

Title: Public Works Director

Mailing Address: P.O. Box 591

City, State, Zip Code: Elgin, Texas 78621

Phone No.: (512) 285-6642 Ext.: Click here to enter text Fax No.: Click here to enter text

E-mail Address: Michael.Gonzalez@elgintexas.gov

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

Outfall 001 is located along the northwest property line of the subject property. Effluent will be piped (gravity flow) along the shared property line of the subject property and adjacent property to the north, traveling westerly to the discharge point at Dry Creek, which will ultimately flow to Unclassified Wilbarger Creek (Segment No. 1434D).

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

N/A.

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

According to historical aerial photographs and topographic maps, between 1958 – 2015, the property consisted of cleared vegetation except for a small area located in the southwestern portion of the property. Structures are located near the northeast portion of the property, and a pond is present southeast of the structures. From 2016 – present, the structures, roads, and streams are no longer present. The pond has shrunk in size and the property is more densely vegetated.

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:

According to historical aerial photographs and topographic maps, between 1958 – 2015, structures were located near the northeast portion of the property. Beginning in 2016, the structures are no longer present.

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

According to historical aerial photographs and topographic maps, beginning in 2016, the property has no existing structures.

USGS TOPOGRAPHIC MAP

ELGIN WEST QUADRANGLE

7.5-MINUTE

97°27'30"W | 97°27'0"W | 97°26'30"W | 97°26'0"W | 97°25'30"W | 97°25'0"W | 97°24'30"W

30°21'30"N | 30°21'0"N | 30°20'30"N | 30°20'0"N | 30°19'30"N | 30°19'0"N | 30°18'30"N | 30°18'0"N

DISCHARGE POINT

APPROXIMATE 1 MILE DOWNSTREAM LOCATION

Elgin West

Littig

Baker's Place Airport

Sellers Lake

Willow Creek

Dry Creek

Elm Creek

Wilbarger Creek

GIESE LN

KLAUS LN

VIOLET LN

ALBERT VOELKER RD

MORROW LN

MONKEY RD

COUNTY LINE RD

GINSEL LN

MARTINEZ LN

CO RD 77

CO RD 75

CO RD 127

LITTIG RD

MAIZE LN

BITTING SCHOOL RD

CROOKED HOLLOW RD

YOUNGS PRAIRIE RD

LONG HOLLO

TRAVIS COUNTY

BASTROP COUNTY

290

Austin Communi - Elgin Ca

500

450

USGS The National Map: National Boundaries Dataset, 3DEP Elevation Program, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; USGS Global Ecosystems; U.S. Census Bureau TIGER/Line data; USFS Road data; Natural Earth Data; U.S. Department of State HIU; NOAA National Centers for Environmental Information. Data refreshed July, 2025.

SCALE 1:14,000

1 0.5 0 KILOMETERS 1 2

1000 500 0 METERS 1000 2000

1 0.5 0 1

MILES

1000 500 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

FEET

ROAD CLASSIFICATION

Expressway | Local Connector

Secondary Hwy | Local Road

Ramp | 4WD

Interstate Route | US Route | State Route

Coordinate System: GCS North American 1983
Datum: North American 1983

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

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U.S. National Grid
100,000-m Square ID
00
Grid Zone Designation

ELGIN WASTEWATER TREATEMENT PLANT #2

2025

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): 3.0

2-Hr Peak Flow (MGD): 12.0

Estimated construction start date: 2028

Estimated waste disposal start date: 2030

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 6.0

2-Hr Peak Flow (MGD): 24.0

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

D. Current Operating Phase

Provide the startup date of the facility: NOT YET OPERATIONAL. START UP DATE EXPECTED 2030.

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

See Attachment 9 – Treatment Process Description

B. Treatment Units

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

Table 1.0(1) - Treatment Units

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

C. Process Flow Diagram

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

Attachment: See Attachment 11 – Process Flow Diagrams

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

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

- Latitude: 30.328
- Longitude: -97.449

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: See Attachment 14 – Site Drawings
Provide the name **and** a description of the area served by the treatment facility.

City of Elgin Municipality

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
		Choose an item.	
		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: N/A.

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

N/A.

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

Buffer Zone requirements are met through property ownership. Refer to Buffer Zone Map (Attachment 5) included within the Domestic Administrative Report 1.0.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

N/A.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

N/A.

3. Grit disposal

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

☐ Yes ☒ No

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

Describe the method of grit disposal.

N/A.

4. *Grease and decanted liquid disposal*

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

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

N/A.

E. Stormwater management

1. *Applicability*

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

☒ Yes ☐ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☐ Yes ☒ No

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

TXR05 N/A or TXRNE N/A

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

☐ Yes ☒ No

3. *Conditional exclusion*

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

☐ Yes ☒ No

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

N/A

4. Existing coverage in individual permit

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

☐ Yes ☒ No

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

N/A

5. Zero stormwater discharge

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

☐ Yes ☒ No

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

N/A.

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

6. Request for coverage in individual permit

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

☐ Yes ☒ No

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

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

N/A

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

N/A

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

N/A

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

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

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

☐ Yes ☒ No

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

N/A

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 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					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only
†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity ($CaCO_3$), mg/l					

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: Ronald Nickel

Facility Operator's License Classification and Level: Wastewater Class A

Facility Operator's License Number: ww0025926

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: Sludge Dewatering

C. Sewage Sludge or Biosolids Management

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

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Handler or Preparer	Not Applicable	TBD	N/A: Transported to another facility for further processing	N/A: Trasporrted to another facility for further processing
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

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

D. Disposal site

Disposal site name: Micro Dirt Inc. – DBA Texas Organic Recovery

TCEQ permit or registration number: 30 TAC 332 #42016; 30 TAC 330 #43024

County where disposal site is located: Travis

E. Transportation method

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

Name of the hauler: Sheridan Environmental

Hauler registration number: 24220

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: N/A

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

N/A

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: 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: N/A

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: Michael Gonzales

Title: Public Works Director

Signature: _____

Date: 7/12/25

NOT APPLICABLE. THIS IS FOR A NEW TPDES PERMIT. PLANT IS NOT YET OPERATIONAL.

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

A. Justification of permit need

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

The City of Elgin is proposing to build a new 6.0 MGD Domestic WWTP (final phase) to serve the City's growing population. In analyzing current wastewater flow and projecting future increases, based on demographic studies, the need for an additional WWTP facility is crucial to service the growing residential and commercial developments west of County Line Road. By providing two (2) phases within the TPDES permit (interim and final phase), this will allow the City the ability to upgrade the facility's treatment system as need arises in the future.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☐ No ☒ Not Applicable

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

If yes, attach correspondence from the city.

Attachment: Click to enter text.

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

Attachment: Click to enter text.

2. *Utility CCN areas*

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

☐ Yes ☒ No

[1] https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater

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

Attachment: Click to enter text.

3. Nearby WWTPs or collection systems

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

☒ Yes ☐ No

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

Attachment: Attachment 12

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: Refer to Attachment 12

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; Facility does not agree to provide service. Facility is to connect to the proposed WWTP #2 once operational.

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☒ No

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

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

A. Current organic loading

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

Average Influent Organic Strength or BOD_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	Ph. I – 3.0 MGD Ph. II – 6.0 MGD	Ph. I – 300 mg/L Ph. II – 300 mg/L
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	Ph. I – 3.0 MGD Ph. II – 6.0 MGD	Ph. I – 300 mg/L Ph. II – 300 mg/L
AVERAGE BOD_5 from all sources	Ph. I – 3.0 MGD Ph. II – 6.0 MGD	Ph. I – 300 mg/L Ph. II – 300 mg/L

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: 1.0

Dissolved Oxygen, mg/l: 4.0

Other: N/A

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: 15.0

Ammonia Nitrogen, mg/l: 2.0

Total Phosphorus, mg/l: 1.0

Dissolved Oxygen, mg/l: 4.0

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 6.0 mg/l after 20 minutes detention time at peak flow

Dechlorination process: Dechlorination Basin

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

☒ Other: Dechlorination Basin

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: Attachment 13

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.

FEMA Firm Panel No. 48453C0510H, effective September 26, 2008.

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If yes, provide the permit number: N/A

If no, provide the approximate date you anticipate submitting your application to the Corps: September 2025.

B. Wind rose

Attach a wind rose: Attachment 15

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)**: N/A

B. Sludge processing authorization

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

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

Attach a solids management plan to the application.

Attachment: Attachment 16

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: Dry Creek

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: Desktop GIS Aerial Imagery

C. Downstream perennial confluences

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

1.05 Miles south of outfall discharge point confluence with Wilbarger Creek.

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

N/A

E. Normal dry weather characteristics

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

Discharge stream under normal dry conditions would be likely classified as an ephemeral stream that is only influenced by stormwater run-off during precipitation events.

Date and time of observation: July 15, 2025 9:00 a.m.

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): LAND DISPOSAL NOT PROPOSED.

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

For existing authorizations, provide Registration Number: N/A

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: N/A

48-hour Acute: N/A

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.

N/A

Section 3. Summary of WET Tests

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

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

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

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

N/A

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.

N/A

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: N/A

SIC Code: N/A

Contact name: N/A

Address: N/A

City, State, and Zip Code: N/A

Telephone number: N/A

Email address: N/A

B. Process information

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

N/A

C. Product and service information

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

N/A

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A

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.

N/A

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)

Attachment 9 - Treatment Process Description

Phase I:

Interim Phase I has the capacity to serve an average daily flow of 3.0 MGD and a 2-hr peak flow of 8,333 GPM. The activated sludge processing plant will utilize an onsite lift station to pump raw influent from the City of Elgin and the surrounding areas to the elevated headworks consisting of two (2) mechanical fine 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. From the aeration basins, mixed liquor will be conveyed into a mixed liquor splitter box with weirs capable of sending equal flow between the two (2) clarifiers. The settled effluent will be returned to the aerated activated sludge basins or wasted to the two (2) aerated digester basins or two (2) gravity thickeners, thickened sludge will be pumped to a dewatering system and the sludge cake will be hauled and disposed of. The supernatant from the clarifier will flow over the v-notch weir, into the effluent drop box, and into one (1) tertiary filter basin with cloth media filters. The filtered effluent will then gravity flow to 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 into one (1) dechlorination basin where chlorine will be chemically removed from the effluent. Disinfected effluent will gravity flow to a sampling manhole where constituents will be sampled and tested. From the sampling manhole, disinfected effluent will gravity flow to the outfall through a storm sewer, thence to Dry Creek, which will ultimately flow to Unclassified Wilbarger Creek (Segment No. 1434D).

Final Phase:

The Final Phase will have the capacity to serve an average daily flow of 6.0 MGD and a 2-hr peak flow of 16,666 GPM. The activated sludge processing plant will utilize an onsite lift station to pump raw influent from the City of Elgin and the surrounding areas to the elevated headworks consisting of four (4) mechanical fine screens. Weir plates in the headworks flow splitting structure will evenly split the screened influent and then gravity flow into each of the four (4) aeration basins. From the aeration basins, mixed liquor will be conveyed into a mixed liquor splitter box with weirs capable of sending equal flow between the four (4) clarifiers. The settled effluent will be returned to the aerated activated sludge basins or wasted to the four (4) aerated digester basins or four (4) gravity thickeners, thickened sludge will be pumped to a dewatering system and the sludge cake will be hauled and disposed of. The supernatant from the clarifier will flow over the v-notch weir, into the effluent drop box, and into one (1) tertiary filter basin with cloth media filters. The filtered effluent will then gravity flow to two (2) 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 into two (2) dechlorination basin where chlorine will be chemically removed from the effluent. Disinfected effluent will gravity flow to a sampling manhole where constituents will be sampled and tested. From the sampling manhole, disinfected effluent will gravity flow to the outfall through a storm sewer, thence to Dry Creek, which will ultimately flow to Unclassified Wilbarger Creek (Segment No. 1434D).

Attachment 10

TREATMENT UNIT DESCRIPTIONS

INTERIM PHASE I – 3,000,000 GPD				
Treatment Unit	*L x W x D x SWD*	*Total Volume (ft³)*		
Aeration Basin 1	163'x50'x16'x14'	113,530		
Aeration Basin 2	163'x50'x16'x14'	113,530		
Total Ph I Aeration Volume		**227,060**		
Digester Basin 1	75'x75'x16'x14'	78,750		
Digester Basin 2	75'x75'x16'x14'	78,750		
Total Ph I Digester Volume		**157,500**		
Disinfection Basin 1	160'x29'x14'x16'	53,760		
Total Ph I Disinfection Basin Volume		**53,760**		
Treatment Unit	*Diameter (ft)*	*Depth (ft)*	*SWD (ft)*	*Total Volume (ft³)*
Gravity Thickener No. 1	50	16	14	27,488
Gravity Thickener No. 2	50	16	14	27,488
		Total Ph I Thickener Volume		**54,976**
Treatment Unit	*Diameter (ft)*	*Surface Area (ft²)*	*SWD (ft)*	*Total Volume (ft³)*
Clarifier 1	80	5,026.5	14.0	70,371
Clarifier 2	80	5,026.5	14.0	70,371
	Total Ph I Clarifier Surface Area	**10,053**	**Total Ph I Clarifier Volume**	**140,742**

FINAL PHASE – 6,000,000 GPD				
Treatment Unit	*L x W x D x SWD*	*Total Volume (ft^3)*		
Aeration Basin 1	163'x50'x16'x14'	113,530		
Aeration Basin 2	163'x50'x16'x14'	113,530		
Aeration Basin 3	163'x50'x16'x14'	113,530		
Aeration Basin 4	163'x50'x16'x14'	113,530		
Total Final Ph Aeration Volume		**454,120**		
Digester Basin 1	75'x75'x16'x14'	78,750		
Digester Basin 2	75'x75'x16'x14'	78,750		
Digester Basin 1	75'x75'x16'x14'	78,750		
Digester Basin 2	75'x75'x16'x14'	78,750		
Total Final Ph Disinfection Basin Volume		**315,000**		
Disinfection Basin No. 1	160'x29'x14'x16'	53,760		
Disinfection Basin No. 2	160'x29'x14'x16'	53,760		
Total Final Ph Disinfection Basin Volume		**7,680**		
Treatment Unit	*Diameter (ft)*	*Depth (ft)*	*SWD (ft)*	*Total Volume (ft^3)*
Gravity Thickener No. 1	50	16	14	27,488
Gravity Thickener No. 2	50	16	14	27,488
Gravity Thickener No. 3	50	16	14	27,488
Gravity Thickener No. 4	50	16	14	27,488
		Total Final Ph Thickener Volume		**109,952**
Treatment Unit	*Diameter (ft)*	*Surface Area (ft^2)*	*SWD (ft)*	*Total Volume (ft^3)*
Clarifier 1	80	5,026.5	14.0	70,371
Clarifier 2	80	5,026.5	14.0	70,371
Clarifier 3	80	5,026.5	14.0	70,371
Clarifier 4	80	5,026.5	14.0	70,371
	Total Final Ph Clarifier Surface Area	**20,106**	**Total Final Ph Clarifier Volume**	**281,484**

DRAWN BY: NAR

LEGEND

MAIN PROCESSES

SECONDARY PROCESSES

PROCESS AIR

NON-POTABLE WATER

CHEMICAL LINES

FROM SANITARY SEWER

SANITARY SEWER INFLUENT

LIFT STATION

FM

SCREENINGS DUMPSTER

HEADWORKS

INFLUENT

AERATION BASINS

AERATION BASIN No.1

AERATION BASIN No.2

ML

SCUM

CLARIFIER No.1

CLARIFIER No.2

RAS/WAS

ML SPLITTER BOX

CE

TERTIARY FILTER

FILTERED EFFLUENT

SODIUM HYPOCHLORITE

SODIUM BISULFATE

CHEMICAL BUILDING

NaOCl

SODIUM BISUFATE

RAS

PROCESS AIR

WAS

WAS/RAS SLUDGE PUMPNG STATION

DISINFECTION BASIN

V-NOTCH WEIR

DISINFECTED EFFLUENT

TO DISCHARGE CHANNEL

PROCESS AIR

TO GRAVITY THICKENERS

PROCESS AIR

TO DISINFECTION BASIN

PROCESS AIR

PROCESS AERATION BLOWER BUILDING

NPW

NPW TO PLANT

NPW PUMP STATION

GRAVITY THICKENER No.1

GRAVITY THICKENER No.2

SLUDGE HOLDING TANK No.1

SLUDGE HOLDING TANK No.2

DEWATERING BUILDING

TS

SOLIDS

SOLIDS DUMPSTER

TO SOLIDS WASTE DISPOSAL FACILITY

WGA

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

CITY OF ELGIN WWTP NO. 2
PROCESS FLOW DIAGRAM - PHASE 1

EXHIBIT TITLE:

LOCATION: TRAVIS COUNTY, TX

DATE ISSUED: August 18, 2025

DRAWN BY: NAR

LEGEND

MAIN PROCESSES

SECONDARY PROCESSES

PROCESS AIR

NON-POTABLE WATER

CHEMICAL LINES

SCUM

SCUM

SCREENINGS DUMPSTER

SANITARY SEWER INFLUENT

FROM SANITARY SEWER

LIFT STATION

FM

HEADWORKS

INFLUENT

AERATION BASINS No.1 No.2 No.3 No.4

ML

CLARIFIER No.1

CLARIFIER No.2

CLARIFIER No.3

CLARIFIER No.4

CE

SCUM

ML

RAS/WAS

ML SPLITTER BOX

RAS/WAS

ML

ML

RAS/WAS

CE

TERTIARY FILTER

FILTERED EFFLUENT

NaOCl SODIUM BISUFATE

SODIUM HYPOCHLORITE

SODIUM BISULFATE

CHEMICAL BUILDING

DISINFECTION BASIN

DISINFECTION BASIN

V-NOTCH WEIR

V-NOTCH WEIR

NPW

NPW

TO PLANT

NPW PUMP STATION

POST AERATION

DISINFECTED EFFLUENT

TO DISCHARGE CHANNEL

GRAVITY THICKENER No.1

TS

TS

GRAVITY THICKENER No.2

RAS

RAS

RAS

RAS

RAS

PROCESS AIR

WAS

WAS

WAS

WAS

WAS/RAS SLUDGE PUMPNG STATION

GRAVITY THICKENER No.1

GRAVITY THICKENER No.2

SLUDGE HOLDING TANK No.1

SLUDGE HOLDING TANK No.2

SLUDGE HOLDING TANK No.3

SLUDGE HOLDING TANK No.4

TS

TS

TS

TS

DEWATERING BUILDING

SOLIDS

SOLIDS DUMPSTER

TO SOLIDS WASTE DISPOSAL FACILITY

PROCESS AIR

PROCESS AIR

PROCESS AIR

TO GRAVITY THICKENERS

TO DISINFECTION BASIN

PROCESS AERATION BLOWER BUILDING

WGA

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

CITY OF ELGIN WWTP NO. 2
PROCESS FLOW DIAGRAM - PHASE 2

EXHIBIT TITLE:

LOCATION: TRAVIS COUNTY, TX

DATE ISSUED: August 18, 2025

S:\20003 City of Elgin\007 Elgin Wastewater Treatment Plant No. 2 Permitting\500 CAD_Exhibits\Permit Exhibits\Proc Flow Diagram.dwg 8/18/2025 3:16 PM AANDERSON

ANSI FULL BLEED B (11.00 X 17.00 INCHES)


DOMESTIC WASTEWATER TREATMENT FACILITIES WITHIN A 3-MILE RADIUS
ELGIN, TEXAS
N
W
E
S
0
0.32
0.65
1.3
Miles
1 INCH = 0.32 MILES
This product is for informational purposes and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent on-the-ground survey and represents only the approximate relative location of property boundaries. No responsibility is assumed by the City of Elgin or WGA for damages or other liabilities due to the accuracy, availability, completeness, use or misuse of the information herein provided. The map is reflective of information as of the date of printing.
WGA
WARD, GETZ & ASSOCIATES LLC
TEXAS REGISTERED ENGINEERING FIRM F-9756
9390 Research Blvd, Suite 305
Austin, TX 78759
713.789.1900
Legend
WWTP #2 Site
3-Mile Radius
Existing Domestic WWTP
Permittee: Great Escapes Opportunity Zone Fund LLC
Permit No. WQ0015802001
3 MILE RADIUS
US Highway 290 E
Highway 290 E
Highway 290 W
Littig
Littig Rd
Elgin
Elgin Memorial Park
Hog Eye Cemetery
Sellers Lake
Tuff Rd
Jamie Dr
Tower Rd
Virtue St
Bois D Arc Ln
Andrew Johnson Dr
Old Kimbro Rd
Beltex Rd
Parsons Rd
FM 1100
Voelker Ln
Ballerstedt Rd
Giese Ln
Klaus Ln
Mussel Run
Western Sky Blvd
Basket Flower Bnd
County Line Rd
Speculator Ln
Ginsel Ln
Albert Voelker Rd
Monkey Rd
Roy Rivers Rd
Lee Dildy Blvd
Central Ave
N Avenue C
N Highway 95
Highway 95 N
Taylor Rd
Red Town Rd
Pleasant Grove Rd
Huff Ln
FM 3000
E 8th St
N Avenue F
Q.S. Goins Ln
S Westbrook Ln
E 2nd St
W 11th St
W 2nd St
S Main St
S Avenue A
M L K Dr
Swenson Blvd
Highway 290 W
W Cleveland St
Monterrey St
Fisher St
Houston St
Old McDade Rd
Norwood Ln
Ella Ln
VFW Rd
FM 1704
Vista Dr
Highway 95 S
Old Sayers Rd
Lockwood Rd
Jones Rd
Hibbs Ln
Hog Eye Rd
Hogeye Rd
Blake Manor Rd
Trappers Trl
Damita Jo Dr
Ed Acklin Rd
Ann Showers Dr
Ingrid Dr
Bitting School Rd
Crooked Hollow Rd
Youngs Prairie Rd
Tingle Ln
Balch Rd
Morin Dr
Lucinda Dr
Susette Dr
Uriah Dr
Speir Ln
Beaver Rd
Arbuckle Rd
McShan Ln

September 2, 2025

Mr. Ricky L. Jenkins

Great Escapes Opportunity Zone Fund LLC

10600 Shadow Wood Drive, Suite 100

Houston, Texas 77043-2838

RE: Request for Service – 16740 Albert Voelker Road Wastewater Treatment Plant; TPDES Permit No. WQ0015802001

Dear Mr. Jenkins:

This letter is to inform you that the City of Elgin is proposing to build a new 6.0 million gallon per day (MGD) Domestic Wastewater Treatment Plant (WWTP) at 18706 Littig Road, Travis County, Texas, 78653.

In accordance with the Texas Commission on Environmental Quality's (TCEQ) Texas Pollutant Discharge Elimination System (TPDES) Permit Application, as well as TCEQ's Regionalization Policy for Wastewater Treatment, a letter requesting service is to be sent to all domestic facilities and collection systems located within a 3-mile radius of the proposed WWTP site.

The City of Elgin's GIS mapping system shows that Great Escapes Opportunity Zone Fund, LLC owns and operates an existing domestic WWTP, located at 16740 Albert Voelker Road, in Travis County, Texas 78621 (TPDES Permit No. WQ0015802001). This WWTP is within the 3-mile radius of the City of Elgin's proposed 6.0 MGD domestic WWTP.

Please provide correspondence as to whether the Great Escapes at Elgin Wastewater Treatment Plant accepts or denies the City of Elgin's request for regionalization of the wastewater treatment facilities.

The City of Elgin appreciates your attention to this matter and looks forward to your prompt response.

Kind Regards,

K. Beau Perry, P.E.
City Engineer, City of Elgin

TRACK STATUS BY TEXT MESSAGE
Send tracking number to 28777 (2USPS)
Standard message and data rates may apply

TRACK STATUS ONLINE
Visit https://www.usps.com/tracking
Text and e-mail alerts available

PURCHASE DETAILS

Product	Qty	Unit Price	Price
ty Mail®	1		$10.50
on, TX 77043			
0 lb 0.50 oz			
Delivery Date			
05/2025			
00 Included			
1617 7368 53			$0.00
			$5.30
			$15.80
			$15.80
5.80			

Outlook

Fw: Elgin WWTP Request for Service Response

From Alyssa Loveday <aloveday@wga-llc.com>
Date Tue 9/9/2025 11:27 AM
To kyle@jenkinsorg.com <kyle@jenkinsorg.com>
Cc mark@tjo10x10mgmt.com <mark@tjo10x10mgmt.com>; Beau Perry <bperry@wga-llc.com>; Michael Gonzalez <michael.gonzalez@elgintexas.gov>; Alyssa Loveday <aloveday@wga-llc.com>

3 attachments (4 MB)

Exhibit B - Connecting Wastewater Facilities.pdf; City of Elgin Consent & Development Agreement.pdf; GE Elgin Notice - WWTP.pdf;

Good morning Mr. Jenkins,

Thank you for the response below and for providing the effective Development Agreement between Great Escape Opportunity Zone Fund, LLC and the City of Elgin.

The City will notify you once sewer services are available for connection at the site.

Thank you,

Alyssa Loveday, CFM
Assistant Project Manager

WGA

9390 Research Blvd., Suite 305 | Austin, TX 78759
D: 737-305-6470 C: 423-767-0174
aloveday@wga-llc.com

From: Kyle Jenkins <kyle@jenkinsorg.com>
Sent: Tuesday, September 9, 2025 10:10 AM
To: Alyssa Loveday <aloveday@wga-llc.com>
Cc: Mark Green <mark@tjo10x10mgmt.com>
Subject: Elgin WWTP Request for Service Response

Hi Alyssa,

We received the attached Request for Service notice regarding the new Elgin WWTP and our property located at 16740 Albert Voilker Rd. Prior to our construction, we signed a development agreement (attached) that states we will connect to city sewer once there is a plant built and a sewer line is in place at the intersection of 290 and Albert Voelker Rd. Please let us know when the line is in place at that location, and we will start the process highlighted in the development agreement.

Thanks,
Kyle

Kyle Jenkins
The Jenkins Organization, Inc.
10600 Shadow Wood Drive, Suite 100, Houston, TX 77043
Phone 713.907.3572
kyle@jenkinsorg.com
www.jenkinsorg.com
www.PremiumSpaces.com
www.GreatEscapesRVResorts.com

EXTERNAL EMAIL : Do not click any links or open any attachments unless you trust the sender and know the content is safe.

CONSENT AGREEMENT
GREAT ESCAPES AT ELGIN

THE STATE OF TEXAS	§
	§
COUNTY OF TRAVIS	§

This Consent and Development Agreement (this "*Agreement*") is entered into by and between the **City of Elgin, Texas**, a home-rule municipality located in Travis and Bastrop Counties, Texas (the "*City*") and **Great Escapes Opportunity Zone Fund, LLC**, a Delaware limited liability company (the "*Developer*"), effective as of July 2, 2019 (the "*Effective Date*").

INTRODUCTION

The Developer has certain plans to develop a project commonly known as "Great Escapes at Elgin" (the "*Project*"), which will include approximately 207 RV units, 3 park model units, and certain recreational clubhouse amenities to serve the surrounding community of the City. The Project will be located on that certain real property consisting of approximately 20.44 acres, located in the City's extraterritorial jurisdiction, as more particularly described on Exhibit A, attached hereto and incorporated herein (the "Land"). The Project will be constructed in one phase and the Developer anticipates substantial completion of the Project in 2021.

The City holds a Certificate of Convenience and Necessity ("*CCN*") for the provision of certain wastewater utility services in and around the City; the Project is located within the certified service area (the "*CCN CSA*") identified in the City's CCN. However, as of the date hereof, the City does not have wastewater utility services available to service the Project. Accordingly, upon execution of this Agreement, the Developer has plans to apply for a Discharge Permit from the TCEQ to allow treated effluent from a proposed wastewater treatment plant designed in accordance with City Rules and TCEQ regulations.

The Developer will not seek to remove the Land from the CCN CSA. Instead, the Developer desires to connect into the City's public wastewater lines at such time the wastewater lines are constructed and become available for use by the Project, as set forth in Section II of this Agreement.

In consideration of the Developer leaving the Land in the CCN CSA, the City shall provide support and consent to the Developer as the Developer seeks the Discharge Permit from the TCEQ. As a condition to the City's consent to Developer's Discharge Permit, the City has required that the Developer and the City enter into this Agreement in order to set forth certain expectations between the City and the Developer concerning the Discharge Permit and the future connection of the Project to future, currently unconstructed, wastewater facilities.

Therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

ARTICLE I.
DEFINITIONS

Section 1.01 Definitions. In addition to the terms defined above in this Agreement, the following terms and phrases, when used in this Agreement, will have the meanings set out below:

Agreement: This Consent and Development Agreement between the City and the Developer.

Applicable Rules: The provisions of the City Code that are applicable to the Project.

CCN: A certificate of convenience and necessity issued by the TCEQ.

CCN CSA: An identified geographic area identified under a CCN, as may be amended from time to time pursuant to the Public Utility Commission of Texas rules and regulations.

City Charter: The City Charter of the City.

City Code: The City Code of Elgin, Texas, Texas Code Ordinances.

City Wastewater Infrastructure: As described on Exhibit C, attached hereto and incorporated herein.

Connecting Wastewater Facilities: Wastewater lines and appurtenances necessary to connect the Project to the initial point of connection with the City's public wastewater infrastructure, to be constructed by the Developer following the City's written notification to the Developer that the City Wastewater Infrastructure is complete and wastewater service has been establish for the Project.

Connection Date: The date upon which the City begins to accept wastewater from the Project into the City Wastewater Infrastructure.

Discharge Permit: Permit issued and authorized by the TCEQ for the discharge of treated wastewater.

Effective Date: The date set forth in the first paragraph of this Agreement.

EPA: The United States Environmental Protection Agency.

Land: Has the meaning set forth in the first Introduction paragraph of this Agreement.

Renewal Period: A certain period, approximately every 5-years from the approval of the TCEQ discharge permit.

TCEQ: Texas Commission on Environmental Quality, or its successor agency.

Treatment Plant: A pre-package wastewater treatment plant designed to treat the full-service wastewater flows of the Project, to be designed, installed, and maintained by Developer in accordance with TCEQ rules and regulations.

ARTICLE II.
WASTEWATER FACILITIES AND SERVICES

Section 2.01 City to Provide Retail Wastewater Utility Services. On the Connection Date, the City will be the sole provider of retail wastewater services to the Project and will provide such services to the Project in the same manner and on the same terms and conditions as the City provides to other retail customers inside the CCN CSA. Following the Connection Date, the Developer will not contract with any retail public utility other than the City for wastewater services and will not provide any retail or wholesale wastewater services to customers located within

the CCN CSA.

Section 2.02 Service Level. The City agrees and commits to provide sufficient wastewater service for the full build-out of the Project. The City agrees to provide written confirmation of the availability of service upon the Developer's request if required in connection with any applications by the Developer.

Section 2.03 Connecting Wastewater Facilities; Points of Connection. Connecting Wastewater Facilities required to serve the Project will be designed in accordance with Applicable Rules. The initial route of Connecting Wastewater Facilities is shown conceptually on Exhibit B, attached hereto and incorporated herein. The initial method of conveyance shall be a "4" force main terminating at a wastewater manhole shown conceptually on Exhibit B. All other points of connection to the City's wastewater system will be subject to approval by the Developer.

Section 2.04 Responsibility for Design, Financing, and Construction. Unless otherwise specifically provided in this Agreement, the Developer will design, finance, construct, and convey to the City all Connecting Wastewater Facilities required to provide retail wastewater services to the Project, all at no cost to the City.

Section 2.05 Easements. The Connecting Wastewater Facilities shall be constructed in the existing right of way for Albert Voelker Road, as depicted on Exhibit B. The City shall not require the Developer to obtain or incur any costs or expenses for utility easements from existing landowners or obtain additional public rights-of-way in connection with the design, installation, or maintenance of Connecting Wastewater Facilities.

Section 2.08 Commencement of Design. Following the City's notification that wastewater service has been establish for the Project, the Developer shall commence design and approval of the plans and specifications for the Connecting Wastewater Facilities prior to the next Renewal Period for the Treatment Plant.

Section 2.08 Commencement of Construction. Following (a) the City's completion of the City Wastewater Infrastructure and (b) the City's approval of the plans and specifications for the Connecting Wastewater Facilities, the Developer shall construct the required infrastructure prior to the next Renewal Period for the Treatment Plant. The City will issue a certificate of completion when all inspections are satisfactorily completed.

Section 2.09 Decommission of Wastewater Treatment Plant. Following (a) the City's completion of the City Wastewater Infrastructure and (b) the City's acceptance of the Connecting Wastewater Facilities, the Developer shall proceed with the decommissioning of the Treatment Plant in accordance with TCEQ rules and regulations. Decommissioning of the Treatment Plant must take place prior to the expiration of the then current Renewal Period. The City shall cooperate with Developer in the decommissioning of the Treatment Plant.

ARTICLE III.
TERM, EFFECTIVENESS; ASSIGNMENT AND REMEDIES

Section 3.01 Term. The term of this Agreement will commence on the Effective Date and will end upon the Connection Date, unless otherwise terminated in accordance with Section 3.03 of this Agreement.

Section 3.02 Effectiveness. The City acknowledges that Developer is entering into this Agreement in reliance upon the City's future consent to the submittal and approval for a

Discharge Permit and the associated wastewater Treatment Plant by the TCEQ.

Section 3.03 Termination and Amendment by Agreement. This Agreement may be terminated or amended as to all of the Land at any time by mutual written agreement of the City and the Developer, or a future purchaser of the Land.

Section 3.04 Agreement Running with the Land; Assignment.

(a) The terms of this Agreement run with the Land and shall be binding upon the Developer and its successors and assigns. This Agreement and the rights of the Developer hereunder, may be assigned by the Developer to a purchaser of all or a portion of the Land. Any assignment must be in writing, specifically set forth the assigned rights and obligations without modification, hypothecation, or amendment, and be executed by the proposed assignee and a copy of the assignment must be provided to the City.

(b) If the Developer assigns its rights and obligations hereunder as to a portion of the Land, then the rights and obligations of any assignee and the Developer will be severable, and the Developer will not be liable for the nonperformance of the assignee and vice versa. In the case of nonperformance by assignee, the City may pursue all remedies against that nonperforming assignee.

(c) This Agreement is not intended to and will not be binding upon, or create any encumbrance to title as to, any ultimate consumer who purchases a fully developed and improved Project within the Land.

Section 3.05 Cooperation; Agreement Not to Contest or Support Negative Legislation.

(a) The City and the Developer each agree to execute such further documents or instruments as may be necessary to evidence their agreements hereunder and provide to the other parties any other documents necessary to effectuate the terms of this Agreement.

(b) The City agrees to cooperate with the Developer in connection with any waivers or approvals the Developer may desire from Travis County or the TCEQ in order to obtain approvals for the Discharge Permit and/or the Treatment Plant and avoid the duplication of processes or services in connection with the development of the Land.

Section 3.06 Default and Remedies.

(a) Notice of Default; Opportunity to Cure. If a party defaults in the performance of any obligation under this Agreement, the non-defaulting party may give written notice to the other parties to this Agreement, specifying the alleged event of default and extending to the defaulting party 30 days from the date of the notice in order to cure the default complained of or, if the curative action cannot reasonably be completed within 30 days, 30 days to commence the curative action and a reasonable additional period to diligently pursue the curative action to completion.

(b) Dispute Resolution. If any default is not cured within the curative period specified above, the parties agree to use good faith, reasonable efforts to resolve any dispute among them by agreement, including engaging in mediation or other non- binding alternative dispute resolution methods, before initiating any lawsuit to enforce their respective rights under this Agreement. The parties will share the costs of any mediation or arbitration equally. The parties further agree that

the City is not obligated to resolve any dispute based on an arbitration decision under this Agreement if the arbitration decision compromises the City's sovereign immunity.

(c) Other Legal or Equitable Remedies. If the parties are unable to resolve their dispute through mediation or arbitration, the non-defaulting party will have the right to enforce the terms and provisions of this Agreement by a suit seeking specific performance or such other legal or equitable relief as to which the non-defaulting party may be entitled. Any remedy or relief described in this Agreement will be cumulative of, and in addition to, any other remedies and relief available to such party. No additional procedural or substantive requirements of State or local annexation law will apply to such annexation, or to the annexation ordinance.

ARTICLE IV.
MISCELLANEOUS PROVISIONS

Section 4.01 Notice. Any notice given under this Agreement must be in writing and may be given: (i) by depositing it in the United States mail, certified, with return receipt requested, addressed to the party to be notified and with all charges prepaid; or (ii) by depositing it with Federal Express or another service guaranteeing "next day delivery", addressed to the party to be notified and with all charges prepaid; (iii) by personally delivering it to the party, or any agent of the party listed in this Agreement; or (iv) by facsimile or email with confirming copy sent by one of the other described methods of notice set forth above. Notice by United States mail will be effective on the earlier of the date of receipt or three days after the date of mailing. Notice given in any other manner will be effective only when received. For purposes of notice, the addresses of the parties will, until changed as provided below, be as follows:

The City:	City of Elgin 1135 Swenson Boulevard PO Box 591 Elgin, TX 78621 Attn: City Mayor
With Required Copy to:	City of Elgin 1135 Swenson Boulevard PO Box 591 Elgin, TX 78621 Attn: City Engineer
The Developer:	Great Escapes Opportunity Fund, LLC 2539 S. Gessner, Suite 13 Houston, TX 77063 Attn: Ricky Jenkins
With Required Copy to:	Zeeshan H. Malik Metcalfe Wolff Stuart & Williams, LLP 221 W. 6th Street, Suite 1300 Austin, Texas 78701

Each of the parties may change its respective address to any other address within the United States of America by giving at least five days' written notice to the other parties. The Developer may, by giving at least five days' written notice to the City, designate additional parties to receive copies of notices under this Agreement. At such time as the Developer no longer owns land within the District, no further notice to the Developer under this Agreement will be required.

Section 4.02 Severability. If any part of this Agreement or its application to any person or circumstance is held by a court of competent jurisdiction to be invalid or unconstitutional for any reason, the parties agree that they will amend or revise this Agreement to accomplish to the greatest degree practical the same purpose as the part determined to be invalid or unconstitutional, including, without limitation, amendments or revisions to the terms and conditions of this Agreement pertaining to or affecting the rights and authority of the parties in areas of the District annexed by the City pursuant to this Agreement, whether for limited or full purposes. If the parties cannot agree on any such amendment or revision within 90 days of the final judgment of the trial court or any state appellate court that reviews the matter, then either party may proceed in accordance with the procedures specified in this Agreement.

Section 4.03 Frustration of Purpose. If any part of this Agreement is modified as a result of amendments to the underlying State law and statutory authority for this Agreement, the parties agree that such modification may frustrate the purpose of this Agreement. The parties agree that, in such event, they will attempt to amend or revise this Agreement to accomplish to the greatest degree practical (i) the same purpose and objective of the part of this Agreement affected by the modification of the underlying State law and statutory authority and (ii) the original intent and purpose of this Agreement. If the parties cannot agree on any such amendment or revision within 90 days from the effective date of amendment of the State law and statutory authority for this Agreement, then this Agreement will terminate, unless the parties agree to an extension of time for negotiation of the modification.

If this Agreement is to be terminated as a result of the operation of this Section, the City will have the right, for a 90 day period prior to the effective date of termination, in its sole discretion, to annex the District for full purposes and dissolve the District. No additional procedural or substantive requirements of State or local annexation law will apply to such annexation and dissolution, or to the annexation and dissolution ordinance.

Section 4.04 Non-Waiver. Any failure by a party to insist upon strict performance by another party of any material provision of this Agreement will not be deemed a waiver thereof or of any other provision, and such party may at any time thereafter insist upon strict performance of any and all of the provisions of this Agreement.

Section 4.05 Applicable Law and Venue. The interpretation, performance, enforcement and validity of this Agreement is governed by the laws of the State of Texas. Venue will be in a court of appropriate jurisdiction in Travis County, Texas.

Section 4.06 Entire Agreement. This Agreement contains the entire agreement of the parties. There are no other agreements or promises, oral or written, between the parties regarding the subject matter of this Agreement. This Agreement supersedes all other agreements between the parties concerning the subject matter.

Section 4.07 Exhibits, Headings, Construction and Counterparts. All schedules and exhibits referred to in or attached to this Agreement are incorporated into and made a part of this Agreement for all purposes. The paragraph headings contained in this Agreement are for convenience only and do not enlarge or limit the scope or meaning of the paragraphs. Wherever appropriate, words of the masculine gender include the feminine or neuter, and the singular includes the plural, and vice-versa. The parties acknowledge that each of them have been actively and equally involved in the negotiation and drafting of this Agreement. Accordingly, the rule of construction that any ambiguities are to be resolved against the drafting party will not be employed in interpreting this Agreement or any exhibits hereto. If there is any conflict or inconsistency

between the provisions of this Agreement and any otherwise applicable City ordinances, the terms of this Agreement will control. This Agreement may be executed in any number of counterparts, each of which will be deemed to be an original, and all of which will together constitute the same instrument.

Section 4.08 Time. Time is of the essence of this Agreement. In computing the number of days for purposes of this Agreement, all days will be counted, including Saturdays, Sundays and legal holidays; however, if the final day of any time period falls on a Saturday, Sunday or legal holiday, then the final day will be deemed to be the next day that is not a Saturday, Sunday or legal holiday.

Section 4.09 Authority for Execution. The City certifies, represents, and warrants that the execution of this Agreement has been duly authorized in conformity with its City Charter and City ordinances. The Developer certifies, represents, and warrants that the execution of this Agreement has been duly authorized in conformity with the articles of incorporation and bylaws or partnership agreement of each entity executing on its behalf.

Section 4.10 Exhibits. The following exhibits are attached to this Agreement, and made a part hereof for all purposes:

Exhibit A	-	The Land
Exhibit B	-	Connecting Wastewater Facilities
Exhibit C	-	City Wastewater Infrastructure

[*Remainder of Page Intentionally Blank; Signature Page Follows.*]

IN WITNESS WHEREOF, the undersigned parties have executed this Agreement on the dates indicated below.

CITY:

CITY OF ELGIN, TEXAS

By: _____
Name: THOMAS J. MATTIS
Title: City Manager
Date: 7/2/19

APPROVED AS TO FORM:

By: _____
Name: CHARLES CROSS OF ICLE
Title: City Attorney
Date: 7/2/19

DEVELOPER:

GREAT ESCAPES OPPORTUNITY FUND, LLC, a Delaware limited liability company

By: _____
Name: Ricky Jenkins
Title: President
Date 6/11/2020

IN WITNESS WHEREOF, the undersigned parties have executed this Agreement on the dates indicated below.

CITY:

CITY OF ELGIN, TEXAS

By:_____
Name: THOMAS L. MATTIS
Title: City Manager
Date: 9/2/19

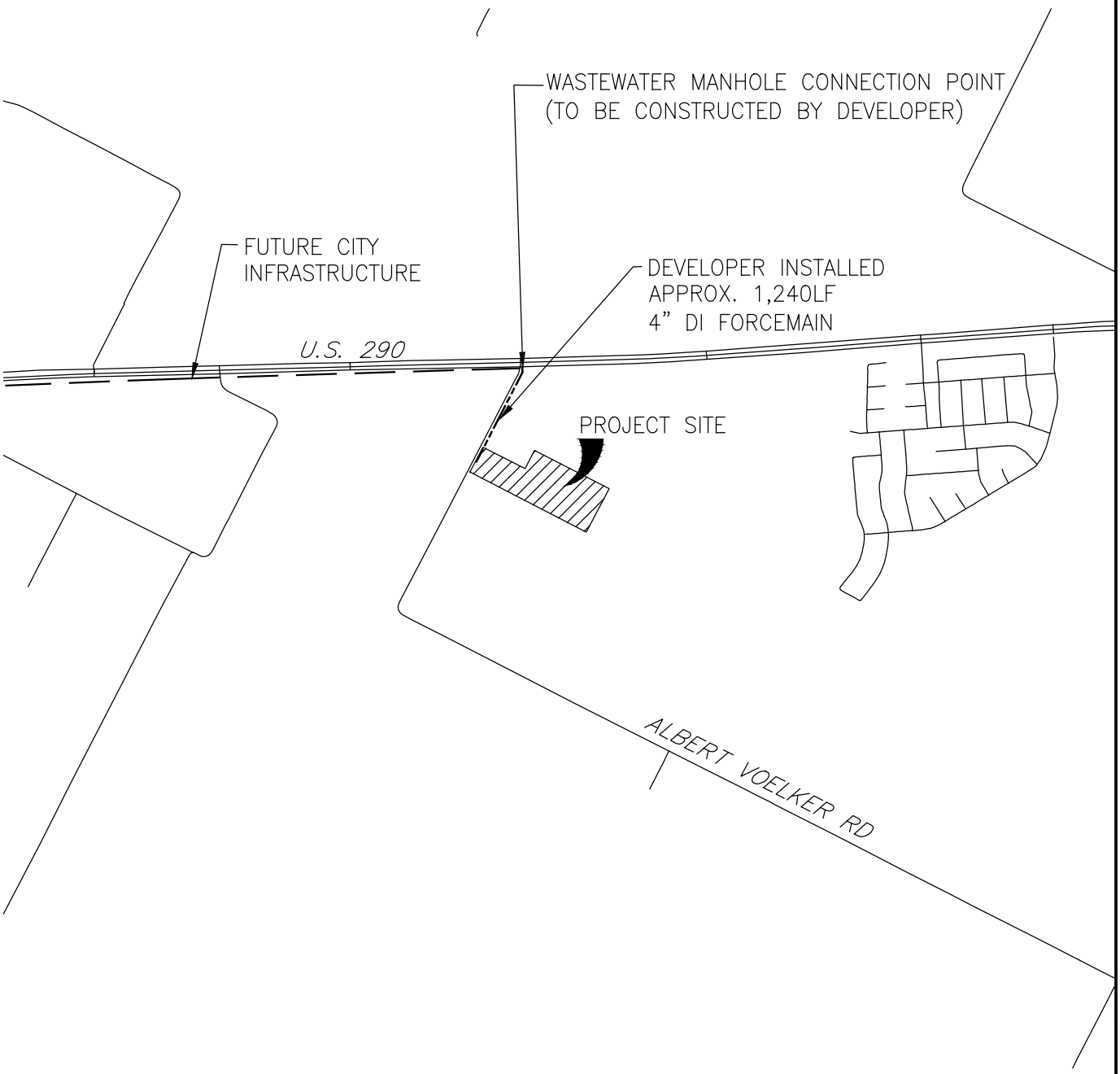
APPROVED AS TO FORM:

By:_____
Name:_____
Title: City Attorney
Date:_____

DEVELOPER:

GREAT ESCAPES OPPORTUNITY FUND, LLC, a Delaware limited liability company

By:_____
Name: Ricky Jenkins
Title: President
Date 8/11/2020



M3 ENGINEERING
IMAGINE | DESIGN | BUILD
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AUSTIN, TEXAS 78704
PH: 512.820.3265
FIRM #18863
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WWW.M3ENGINEERING.COM

GREAT ESCAPES @ DEL VALLE
DEL VALLE, TEXAS

THE JENKINS ORGANIZATION

EXHIBIT B
CONNECTING WASTEWATER FACILITIES

DATE: 03/06/2019	SCALE: 1"=2000'	DRAWN BY: TLM	FILE: 18010-CONNECTING.DWG	PROJECT No. 18007

C:\Users\Troy Moore\TJO Dropbox\Troy Moore\RV Resorts\Development\Austin\Manor\Manor_Albert Voelker Rd 20.4 Acres\Consultants\Civil\Engineering\CAD\Exhibits\18010-Connecting.dwg modified by troy moore on Jun 3, 19 12:43 PM

PROJECT NAME:	**Elgin WWTP No. 2**	**DATE:**	**8/1/2025**
CLIENT:	**City of Elgin**	**BY:**	**ENW**
PROJECT NUMBER:	**20003-007**	**QC:**	**SC**

WASTEWATER AND PLANT CHARACTERIZATION

Flow Rates

Annual Average			3.0	MGD	2,083	GPM	4.65	CFS
Peak Month	Factor	1.5	4.5	MGD	3,125	GPM	6.98	CFS
Peak 2-Hour	Factor	4	12.0	MGD	8,333	GPM	18.60	CFS
Min. Month	Factor	0.5	1.5	MGD	1,042	GPM	2.33	CFS

Raw Wastewater Concentrations

	Avg.	2-Hour Peak	Peak Month	Min. Month		
BOD (total)	300	100	250	200	mg/L	Assumed
BOD (soluble)	180				mg/L	
TSS	180				mg/L	
VSS	300				mg/L	
TKN	240				mg/L	
NH3-N	50				mg/L	
TP	70				mg/L	

Effluent Requirements

BOD	10	mg/L
TSS	15	mg/L
NH3-N	2	mg/L
TP	1	mg/L
DO		mg/L

Select Treatment Processes from the List

Preliminary Treatment	Fine Screening
Primary Treatment	None
Biological Treatment	Conventional Activated Sludge w/ Nitrification, @ Min.
Solids Treatment	Thickening + Dewatering

ACTIVATED SLUDGE DESIGN

WASTEWATER CHARACTERISTICS

INFLUENT MASS LOADING		
BOD5 (AVG)	7,506.0	lbs/day
BOD5 (2-HR PEAK)	10,008.0	lbs/day
BOD5 (PEAK MONTH)	9,382.5	lbs/day
BOD5 (MIN MONTH)	2,502.0	lbs/day
TSS	4,503.6	lbs/day
NH_3	1,251.0	lbs/day
TKN	6,004.8	lbs/day
EFFLUENT COMPOSITION (ASSUMED FOR CONSERVATIVE DESIGN)		
BOD5	10.0	mg/L
TSS	15.0	mg/L
NH_3	2.0	mg/L
TKN	1.0	mg/L

AERATION BASIN

Conventional Activated Sludge w/ Nitrification, @ Min. Temp > 15°C

Description	Value	Unit
AERATION BASIN CALCULATIONS - TCEQ TRADITIONAL DESIGN - TCEQ 217, SUBCHAPTER F		
Aeration Basin Maximum Organic Loading	35.0	lbs/day/1000 ft^3
Minimum Number of Basins (For Flow > 0.4 MGD)	2.0	EA
BOD Removal Credit for Preliminary and Primary Treatment (Optional)	0%	
Total Peak BOD Loading (Based on Design Flow)	7,506	lbs/day
Total Aeration Basin Volume Required	214,458	ft^3
AERATION BASIN SIZING		
Proposed Number of Basins	2.0	
Side Water Depth of Basins	14.0	ft
Freeboard	2.0	ft
Total Depth of Basin	16.0	ft
Diffuser Submergence	14.0	ft
Required Volume of Each Aeration Basin	107,229	ft^3
Surface Area of Each Basin	7,659	ft^2
Width to Length Ratio (1:X)	3.25	
Required Width of Each Basin	50.0	ft
Required Length of Each Basin	163	ft
Proposed Volume of Each Aeration Basin	113,530	ft^3
Proposed Total Aeration Basin Volume	227,059	ft^3

WASTEWATER CHARACTERISTICS		
Description	**Value**	**Unit**
Influent BOD_5	300.0	mg/L
Influent TSS	180.0	mg/L
Influent NH_3	50.0	mg/L
Daily Flow (Q_{AVE})	3,000,000.0	gpd
Daily Flow (Q_{AVE})	2,083.3	gpm
Daily Flow (Q_{AVE})	4.650	cfs
2-hr Peak Flow (Q_{PK})	12,000,000	gpd
2-hr Peak Flow (Q_{PK})	8,333.3	gpm
2-hr Peak Flow (Q_{PK})	18.601	cfs
NH_3	1,254.0	lbs/day
BOD_5	7,524.0	lbs/day
TSS	4,514.4	lbs/day
Description		
Conventional Activated Sludge w/ Nitrification, @ Min. Temp > 15°C		

SECONDARY CLARIFIER		
Description	**Value**	**Unit**
Number of Clarifiers	2.0	Ea
Average Flow Per Clarifier	1.50	MGD
Peak Flow Per Clarifier	6.00	MGD
Clarifier Shape (Round, Octagonal, Square)	Round	
Design Weir Shape (Round, Segmented)	Round	
Design Number of Segments (Leave Blank If Designed Round)		
SURFACE AREA DESIGN - TCEQ 217.154 (c)(1)		
TCEQ Max Surface Loading (Q_{AVG}) TCEQ 317.4 (d)(5)	700	gal/day/ft^2
TCEQ Max Surface Loading (Q_{PK}) TCEQ 217.154 (c)(1)	1,200	gal/day/ft^2
Design Diameter	**80.0**	ft
Surface Area Required at Peak Flow Per Clarifier	5,000.0	ft^2
Surface Area Required for All Clarifiers at Peak Flow	10,000.0	ft^2
Proposed Surface Area Per Clarifier	5,026.5	ft^2
Total Proposed Surface Area for All Clarifiers	10,053.1	ft^2
Actual Design Surface Loading at Design Flow (Q_{AVE})	298.4	gal/day/ft^2
Actual Design Surface Loading at Peak Flow (Q_{PK})	1,193.7	gal/day/ft^2
SIDE WATER DEPTH - TCEQ 217.152 (g)		
Side Water Depth For Clarifier Surface Area Greater Than 300 sqft.	10	ft
Side Water Depth For Clarifier Surface Area Equal To Or Less Than 300 sqft.	8	ft
Controlling Minimum Depth Requirement	10.0	ft
Proposed Clarifier Side Water Depth (Not Total Depth)	**14.0**	ft
Design Floor Slope (1:X)	12.0	
Design Overall Depth (Including 1:12, sloped bottom)	17.3	ft

WASTEWATER CHARACTERISTICS		
Description	**Value**	**Unit**
HYDRAULIC DETENTION TIME - TCEQ 217.154 (c)(1)		
TCEQ Min Detention Time (Q_{AVE})	2.6	hours
TCEQ Min Detention Time (Q_{PK})	1.8	hours
Recycle Ratio at Design Flow (200 gpd/sf) Per Clarifier	1.01	MGD
Recycle Ratio at Peak Flow (400 gpd/sf) Per Clarifier	2.01	MGD
Flow per Clarifier for Hydraulic Detention Time @ Design Flow (w/ Recycle)	2.51	MGD
Flow per Clarifier for Hydraulic Detention Time @ Peak Flow (w/ Recycle)	8.01	MGD
Required Treatment Volume At Design Flow for Each Clarifier	36,284.6	ft^3
Required Treatment Volume At Peak Flow for Each Clarifier	80,320.4	ft^3
Proposed Treatment Volume for Each Clarifier	70,371.7	ft^3
Actual Hydraulic Detention Time at Design Flow	5.0	hours
Actual Hydraulic Detention Time at Peak Flow	1.9	hours
SOLIDS LOADING RATE - TCEQ 317.4 (d)(5)		
Totals Solids to Clarifier	150,120.0	lbs/day
Proposed Surface Area of Clarifier	5,026.5	ft^2
Loading Rate of Solids to Clarifier	29.9	$lbs/day/ft^2$
TCEQ Maximum Loading Rate	50.0	$lbs/day/ft^2$
EFFLUENT WEIR DESIGN - TCEQ 217.152 (d)		
Weir loading (For Plants with Design Flows 1.0 MGD or less)	20,000	$gal/day/ft^2$
Weir loading (For Plants with Design Flows Over 1.0 MGD)	30,000	$gal/day/ft^2$
Controlling Weir Loading Criteria	30,000.0	$gal/day/ft^2$
Total Length of Weir Required Per Clarifier @ Peak Flow	200.0	ft
Total Length of Weir Required For All Clarifiers @ Peak Flow	400.0	ft
Proposed Weir Distance from Wall	1.0	ft
Diameter of Effluent Weir	78.0	ft
Design Weir Length Per Clarifier	245.0	ft
Total Design Weir Length	490.1	ft
Actual Surface Area Loading @ Peak Flow	24,485.4	$gal/day/ft^2$
Actual Surface Area Loading @ Average Flow	6,121.3	$gal/day/ft^2$
TORQUE RATINGS OF DRIVES AND RAKES		
Resistive Force of Secondary Sludge (W)	8.0	lb/ft
Running Torque (Wr^2)	12,800.0	ft-lbs
RETURN ACTIVATED SLUDGE FLOW RATES - TCEQ 217.152 (j)		
Lower Limit Underflow Rate - TCEQ 217.152(j)	200	gpd/ft^2
Minimum RAS Flow Rate (per clarifier)	698.1	gpm
Upper Limit Underflow Rate - TCEQ 217.152(j)	400	gpd/ft^2
Maximum RAS Flow Rate (per clarifier)	1,396.3	gpm
Combined Upper Limit RAS Underflow Rate for Plant	2,792.5	gpm
STILLING WELL DESIGN		
Maximum Stilling Well Velocity (@ Peak Flow) TCEQ 217.152 (a)(4)	0.15	ft/sec
Peak Flow For Individual Clarifier	6.0	MGD
Total Area Required	61.9	ft^2
Diameter of Each Stilling Well	10.0	ft
Area of Each Stilling Well	78.5	ft^2

TCEQ DESIGN CRITERIA (CHAPTER 317.5 (B))		
Minimum Detention Time	15.0	days
Volume Requirement	20.0	ft^3/lb BOD_5/day
Aeration Requirement	30.0	scfm/1000 ft^3
If Mechanical Aeration is Used	1.5	HP/1000 ft^3
TCEQ DESIGN CRITERIA (CHAPTER 217, SUBCHAPTER J)		
Minimum Temperature	15.0	deg C
Required Minimum Detention Time	60.0	days
Minimum Volatile Solids Loading Rate	100.0	lb/1000 ft^3/day
Maximum Volatile Solids Loading Rate	200.0	lb/1000 ft^3/day
Aeration Requirement	20.0	SCFM/1000 ft^3
NOTE: Aerobic digester has to be sized for average day flow		
Biodegradable Volatile Solids in WAS	0.7	lb VS/BOD removed
Destruction	0.3	lb VS/BOD removed
Note: Typical minimum Solids Retention Time (SRT) maintained in WWTPs is 8 days. Secondary solids production is typically		
Influent Solids	7,506	lbs/day
Digested Solids Production	5,930	lbs/day
Average Digested Solids Production	6,718	lbs/day
Total Sludge Production, lbs/day	6,718	lbs/day
Assumed Average Dig. Conc., mg/l	15,000.0	mg/l
Total Sludge to Aerobic Digester	53,700.00	gal/d
Volume Required Based on Min. Detention Time @ 60 Days	430,748.66	ft^3
Volume Required Based on Min. Detention Time @ 15 Days	107,687.17	ft^3
CHECK IF CHAPTER 217 VOLATILE SOLIDS LOADING RATE REQUIREMENTS CAN BE MET		
Volatile Suspended Solids Loading	5,254	lbs/day
Volatile Solids Loading Tate for 60 Days Storage Volume	12.2	lb/1000 ft^3
Volatile Solids Loading Rate	**ERROR!**	
Note: It is not possible to meet both the min. required detention time and min. required VS solids loading rate requirements without significant thickening before the sludge is stabilized in the digester. Hence, it is prudent to just meet the required min. detention time alone. Also, if the sludge is to be disposed of in a landfill, sludge stabilization will not be required and a full detention time is not necessary. When a full dettention time is not provided, the basin will not be a true aerobic digester; instead, it will be reconfigured as a sludge holding tank.		
SLUDGE HOLDING TANK DESIGN		
Number of Basins	2.0	Ea
Side Water Depth	14.0	ft
Width	75.0	ft
Length	75	ft
Design Volume	157,500	ft^3
DESIGN CHECK		
Detention Time	21.94	days
Design Volume to Loading Ratio	20.98	ft^3/lb BOD_5/day

WASTEWATER CHARACTERISTICS		
Design Flow Rate (Average Daily Flow)	3.0	MGD
Design Flow Rate (2-Hour Peak Flow)	12.0	MGD

CHLORINE CONTACT CHAMBER		
Description	**Value**	**Unit**
TCEQ Min Detention Time (Q_{PK}) (TCEQ217.281(b)(1)	20.0	min
TCEQ Required Minimum Volume	22,281.6	ft^3
TCEQ Required Minimum Volume	166,666.7	gal
Chlorine Contact Basin Sizing (Excluding Chlorine Mixing Chamber)		
Design Number of Trains	1.0	
Design Side Water Depth at Peak Flow	14.0	ft
Design Width of Basin	160.0	ft
Design Channel Width	4.0	ft
Design Channel Length (Assumes 40:1 L:W ratio per TCEQ 217.281(a)(2))	160.0	ft
Number of Partition	5.0	ea
DESIGN LENGTH OF BASIN	24.0	ft
PROPOSED VOLUME	8,960.0	ft^3
ACTUAL CCB VOLUME	53,760.0	ft^3
Actual Detention Time at Peak Flow	48.3	min
ACTUAL CHANNEL LENGTH	960.0	ft
DECHLORINATION BASIN [USE FOR DESIGN FLOWS > 1MGD]		
Minimum Detention Time at Peak Flow - TCEQ 217.281 (c)(2)	0.33	min
Required Minimum Volume	371.4	ft^3
Dechlorination Basin Sizing		
Design Number of Trains	1.0	
Design Side Water Depth at Peak Flow	10.0	ft
Design Basin Width	24.0	ft
Design Basin Length	4.0	ft
Total Dechlorination Basin Volume	960.0	ft^3
Actual Detention Time at Peak Flow	0.9	min

PROJECT NAME:	**Elgin WWTP No. 2**	**DATE:**	**8/1/2025**
CLIENT:	**City of Elgin**	**BY:**	**ENW**
PROJECT NUMBER:	**20003-007**	**QC:**	**SC**

WASTEWATER AND PLANT CHARACTERIZATION

Flow Rates

Annual Average			6.0	MGD	4,167	GPM	9.30	CFS
Peak Month	Factor	1.5	9.0	MGD	6,250	GPM	13.95	CFS
Peak 2-Hour	Factor	4	24.0	MGD	16,667	GPM	37.20	CFS
Min. Month	Factor	0.5	3.0	MGD	2,083	GPM	4.65	CFS

Raw Wastewater Concentrations

	Avg.	2-Hour Peak	Peak Month	Min. Month		
BOD (total)	300	100	250	200	mg/L	Assumed
BOD (soluble)	180				mg/L	
TSS	180				mg/L	
VSS	300				mg/L	
TKN	240				mg/L	
NH3-N	50				mg/L	
TP	70				mg/L	

Effluent Requirements

BOD	10	mg/L
TSS	15	mg/L
NH3-N	2	mg/L
TP	1	mg/L
DO		mg/L

Select Treatment Processes from the List

Preliminary Treatment	Fine Screening
Primary Treatment	None
Biological Treatment	Conventional Activated Sludge w/ Nitrification, @ Min.
Solids Treatment	Thickening + Dewatering

ACTIVATED SLUDGE DESIGN

WASTEWATER CHARACTERISTICS

INFLUENT MASS LOADING		
BOD5 (AVG)	15,012.0	lbs/day
BOD5 (2-HR PEAK)	20,016.0	lbs/day
BOD5 (PEAK MONTH)	18,765.0	lbs/day
BOD5 (MIN MONTH)	5,004.0	lbs/day
TSS	9,007.2	lbs/day
NH_3	2,502.0	lbs/day
TKN	12,009.6	lbs/day
EFFLUENT COMPOSITION (ASSUMED FOR CONSERVATIVE DESIGN)		
BOD5	10.0	mg/L
TSS	15.0	mg/L
NH_3	2.0	mg/L
TKN	1.0	mg/L

AERATION BASIN

Conventional Activated Sludge w/ Nitrification, @ Min. Temp > 15°C

Description	Value	Unit
AERATION BASIN CALCULATIONS - TCEQ TRADITIONAL DESIGN - TCEQ 217, SUBCHAPTER F		
Aeration Basin Maximum Organic Loading	35.0	lbs/day/1000 ft^3
Minimum Number of Basins (For Flow > 0.4 MGD)	2.0	EA
BOD Removal Credit for Preliminary and Primary Treatment (Optional)	0%	
Total Peak BOD Loading (Based on Design Flow)	15,012	lbs/day
Total Aeration Basin Volume Required	428,915	ft^3
AERATION BASIN SIZING		
Proposed Number of Basins	4.0	
Side Water Depth of Basins	14.0	ft
Freeboard	2.0	ft
Total Depth of Basin	16.0	ft
Diffuser Submergence	14.0	ft
Required Volume of Each Aeration Basin	107,229	ft^3
Surface Area of Each Basin	7,659	ft^2
Width to Length Ratio (1:X)	3.25	
Required Width of Each Basin	50.0	ft
Required Length of Each Basin	163	ft
Proposed Volume of Each Aeration Basin	113,530	ft^3
Proposed Total Aeration Basin Volume	454,118	ft^3

WASTEWATER CHARACTERISTICS		
Description	**Value**	**Unit**
Influent BOD_5	300.0	mg/L
Influent TSS	180.0	mg/L
Influent NH_3	50.0	mg/L
Daily Flow (Q_{AVE})	6,000,000.0	gpd
Daily Flow (Q_{AVE})	4,166.7	gpm
Daily Flow (Q_{AVE})	9.301	cfs
2-hr Peak Flow (Q_{PK})	24,000,000	gpd
2-hr Peak Flow (Q_{PK})	16,666.7	gpm
2-hr Peak Flow (Q_{PK})	37.202	cfs
NH_3	2,508.0	lbs/day
BOD_5	15,048.0	lbs/day
TSS	9,028.8	lbs/day
Description		
Conventional Activated Sludge w/ Nitrification, @ Min. Temp > 15°C		

SECONDARY CLARIFIER		
Description	**Value**	**Unit**
Number of Clarifiers	4.0	Ea
Average Flow Per Clarifier	1.50	MGD
Peak Flow Per Clarifier	6.00	MGD
Clarifier Shape (Round, Octagonal, Square)	Round	
Design Weir Shape (Round, Segmented)	Round	
Design Number of Segments (Leave Blank If Designed Round)		
SURFACE AREA DESIGN - TCEQ 217.154 (c)(1)		
TCEQ Max Surface Loading (Q_{AVG}) TCEQ 317.4 (d)(5)	700	gal/day/ft^2
TCEQ Max Surface Loading (Q_{PK}) TCEQ 217.154 (c)(1)	1,200	gal/day/ft^2
Design Diameter	**80.0**	ft
Surface Area Required at Peak Flow Per Clarifier	5,000.0	ft^2
Surface Area Required for All Clarifiers at Peak Flow	20,000.0	ft^2
Proposed Surface Area Per Clarifier	5,026.5	ft^2
Total Proposed Surface Area for All Clarifiers	20,106.2	ft^2
Actual Design Surface Loading at Design Flow (Q_{AVE})	298.4	gal/day/ft^2
Actual Design Surface Loading at Peak Flow (Q_{PK})	1,193.7	gal/day/ft^2
SIDE WATER DEPTH - TCEQ 217.152 (g)		
Side Water Depth For Clarifier Surface Area Greater Than 300 sqft.	10	ft
Side Water Depth For Clarifier Surface Area Equal To Or Less Than 300 sqft.	8	ft
Controlling Minimum Depth Requirement	10.0	ft
Proposed Clarifier Side Water Depth (Not Total Depth)	**14.0**	ft
Design Floor Slope (1:X)	12.0	
Design Overall Depth (Including 1:12, sloped bottom)	17.3	ft

WASTEWATER CHARACTERISTICS		
Description	**Value**	**Unit**
HYDRAULIC DETENTION TIME - TCEQ 217.154 (c)(1)		
TCEQ Min Detention Time (Q_{AVE})	2.6	hours
TCEQ Min Detention Time (Q_{PK})	1.8	hours
Recycle Ratio at Design Flow (200 gpd/sf) Per Clarifier	1.01	MGD
Recycle Ratio at Peak Flow (400 gpd/sf) Per Clarifier	2.01	MGD
Flow per Clarifier for Hydraulic Detention Time @ Design Flow (w/ Recycle)	2.51	MGD
Flow per Clarifier for Hydraulic Detention Time @ Peak Flow (w/ Recycle)	8.01	MGD
Required Treatment Volume At Design Flow for Each Clarifier	36,284.6	ft^3
Required Treatment Volume At Peak Flow for Each Clarifier	80,320.4	ft^3
Proposed Treatment Volume for Each Clarifier	70,371.7	ft^3
Actual Hydraulic Detention Time at Design Flow	5.0	hours
Actual Hydraulic Detention Time at Peak Flow	1.9	hours
SOLIDS LOADING RATE - TCEQ 317.4 (d)(5)		
Totals Solids to Clarifier	150,120.0	lbs/day
Proposed Surface Area of Clarifier	5,026.5	ft^2
Loading Rate of Solids to Clarifier	29.9	$lbs/day/ft^2$
TCEQ Maximum Loading Rate	50.0	$lbs/day/ft^2$
EFFLUENT WEIR DESIGN - TCEQ 217.152 (d)		
Weir loading (For Plants with Design Flows 1.0 MGD or less)	20,000	$gal/day/ft^2$
Weir loading (For Plants with Design Flows Over 1.0 MGD)	30,000	$gal/day/ft^2$
Controlling Weir Loading Criteria	30,000.0	$gal/day/ft^2$
Total Length of Weir Required Per Clarifier @ Peak Flow	200.0	ft
Total Length of Weir Required For All Clarifiers @ Peak Flow	800.0	ft
Proposed Weir Distance from Wall	1.0	ft
Diameter of Effluent Weir	78.0	ft
Design Weir Length Per Clarifier	245.0	ft
Total Design Weir Length	980.2	ft
Actual Surface Area Loading @ Peak Flow	24,485.4	$gal/day/ft^2$
Actual Surface Area Loading @ Average Flow	6,121.3	$gal/day/ft^2$
TORQUE RATINGS OF DRIVES AND RAKES		
Resistive Force of Secondary Sludge (W)	8.0	lb/ft
Running Torque (Wr^2)	12,800.0	ft-lbs
RETURN ACTIVATED SLUDGE FLOW RATES - TCEQ 217.152 (j)		
Lower Limit Underflow Rate - TCEQ 217.152(j)	200	gpd/ft^2
Minimum RAS Flow Rate (per clarifier)	698.1	gpm
Upper Limit Underflow Rate - TCEQ 217.152(j)	400	gpd/ft^2
Maximum RAS Flow Rate (per clarifier)	1,396.3	gpm
Combined Upper Limit RAS Underflow Rate for Plant	5,585.1	gpm
STILLING WELL DESIGN		
Maximum Stilling Well Velocity (@ Peak Flow) TCEQ 217.152 (a)(4)	0.15	ft/sec
Peak Flow For Individual Clarifier	6.0	MGD
Total Area Required	61.9	ft^2
Diameter of Each Stilling Well	10.0	ft
Area of Each Stilling Well	78.5	ft^2

TCEQ DESIGN CRITERIA (CHAPTER 317.5 (B))		
Minimum Detention Time	15.0	days
Volume Requirement	20.0	ft^3/lb BOD_5/day
Aeration Requirement	30.0	scfm/1000 ft^3
If Mechanical Aeration is Used	1.5	HP/1000 ft^3
TCEQ DESIGN CRITERIA (CHAPTER 217, SUBCHAPTER J)		
Minimum Temperature	15.0	deg C
Required Minimum Detention Time	60.0	days
Minimum Volatile Solids Loading Rate	100.0	lb/1000 ft^3/day
Maximum Volatile Solids Loading Rate	200.0	lb/1000 ft^3/day
Aeration Requirement	20.0	SCFM/1000 ft^3
NOTE: Aerobic digester has to be sized for average day flow		
Biodegradable Volatile Solids in WAS	0.7	lb VS/BOD removed
Destruction	0.3	lb VS/BOD removed
Note: Typical minimum Solids Retention Time (SRT) maintained in WWTPs is 8 days. Secondary solids production is typically		
Influent Solids	15,012	lbs/day
Digested Solids Production	11,859	lbs/day
Average Digested Solids Production	13,436	lbs/day
Total Sludge Production, lbs/day	13,436	lbs/day
Assumed Average Dig. Conc., mg/l	15,000.0	mg/l
Total Sludge to Aerobic Digester	107,400.00	gal/d
Volume Required Based on Min. Detention Time @ 60 Days	861,497.33	ft^3
Volume Required Based on Min. Detention Time @ 15 Days	215,374.33	ft^3
CHECK IF CHAPTER 217 VOLATILE SOLIDS LOADING RATE REQUIREMENTS CAN BE MET		
Volatile Suspended Solids Loading	10,508	lbs/day
Volatile Solids Loading Tate for 60 Days Storage Volume	12.2	lb/1000 ft^3
Volatile Solids Loading Rate	**ERROR!**	
Note: It is not possible to meet both the min. required detention time and min. required VS solids loading rate requirements without significant thickening before the sludge is stabilized in the digester. Hence, it is prudent to just meet the required min. detention time alone. Also, if the sludge is to be disposed of in a landfill, sludge stabilization will not be required and a full detention time is not necessary. When a full dettention time is not provided, the basin will not be a true aerobic digester; instead, it will be reconfigured as a sludge holding tank.		
SLUDGE HOLDING TANK DESIGN		
Number of Basins	4.0	Ea
Side Water Depth	14.0	ft
Width	75.0	ft
Length	75	ft
Design Volume	315,000	ft^3
DESIGN CHECK		
Detention Time	21.94	days
Design Volume to Loading Ratio	20.98	ft^3/lb BOD_5/day

WASTEWATER CHARACTERISTICS		
Design Flow Rate (Average Daily Flow)	6.0	MGD
Design Flow Rate (2-Hour Peak Flow)	24.0	MGD

CHLORINE CONTACT CHAMBER		
Description	**Value**	**Unit**
TCEQ Min Detention Time (Q_{PK}) (TCEQ217.281(b)(1)	20.0	min
TCEQ Required Minimum Volume	44,563.3	ft^3
TCEQ Required Minimum Volume	333,333.3	gal
Chlorine Contact Basin Sizing (Excluding Chlorine Mixing Chamber)		
Design Number of Trains	2.0	
Design Side Water Depth at Peak Flow	14.0	ft
Design Width of Basin	160.0	ft
Design Channel Width	4.0	ft
Design Channel Length (Assumes 40:1 L:W ratio per TCEQ 217.281(a)(2))	160.0	ft
Number of Partition	5.0	ea
DESIGN LENGTH OF BASIN	24.0	ft
PROPOSED VOLUME	17,920.0	ft^3
ACTUAL CCB VOLUME	107,520.0	ft^3
Actual Detention Time at Peak Flow	48.3	min
ACTUAL CHANNEL LENGTH	960.0	ft
DECHLORINATION BASIN [USE FOR DESIGN FLOWS > 1MGD]		
Minimum Detention Time at Peak Flow - TCEQ 217.281 (c)(2)	0.33	min
Required Minimum Volume	742.7	ft^3
Dechlorination Basin Sizing		
Design Number of Trains	1.0	
Design Side Water Depth at Peak Flow	10.0	ft
Design Basin Width	24.0	ft
Design Basin Length	4.0	ft
Total Dechlorination Basin Volume	960.0	ft^3
Actual Detention Time at Peak Flow	0.4	min

ANSI FULL BLEED B (17.00 X 11.00 INCHES)

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DRAWN BY: NAR

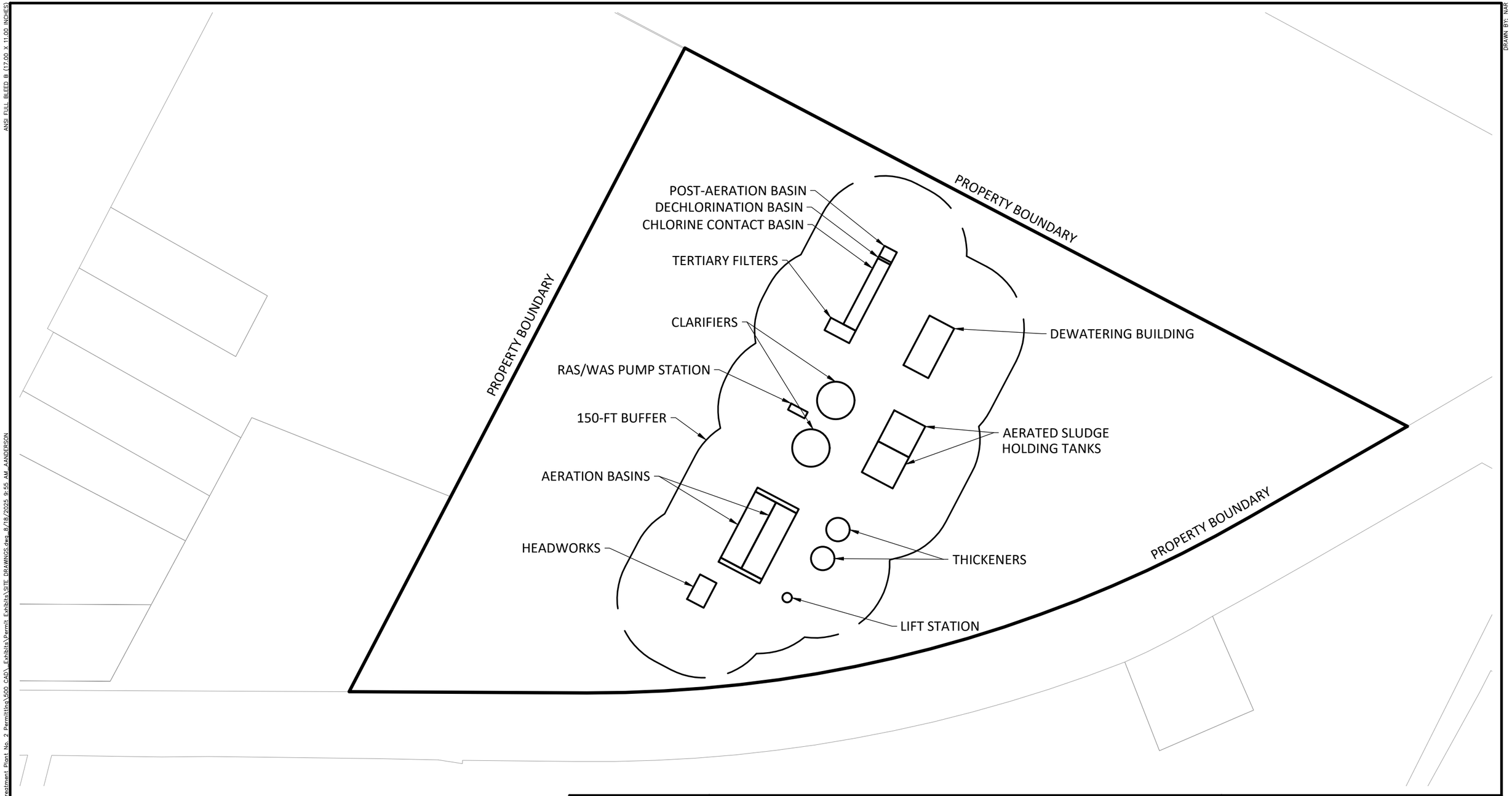

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EXHIBIT TITLE:

CITY OF ELGIN WWTP NO. 2
PHASE 1 SITE MAP

LOCATION:

TRAVIS COUNTY, TX

DATE ISSUED:

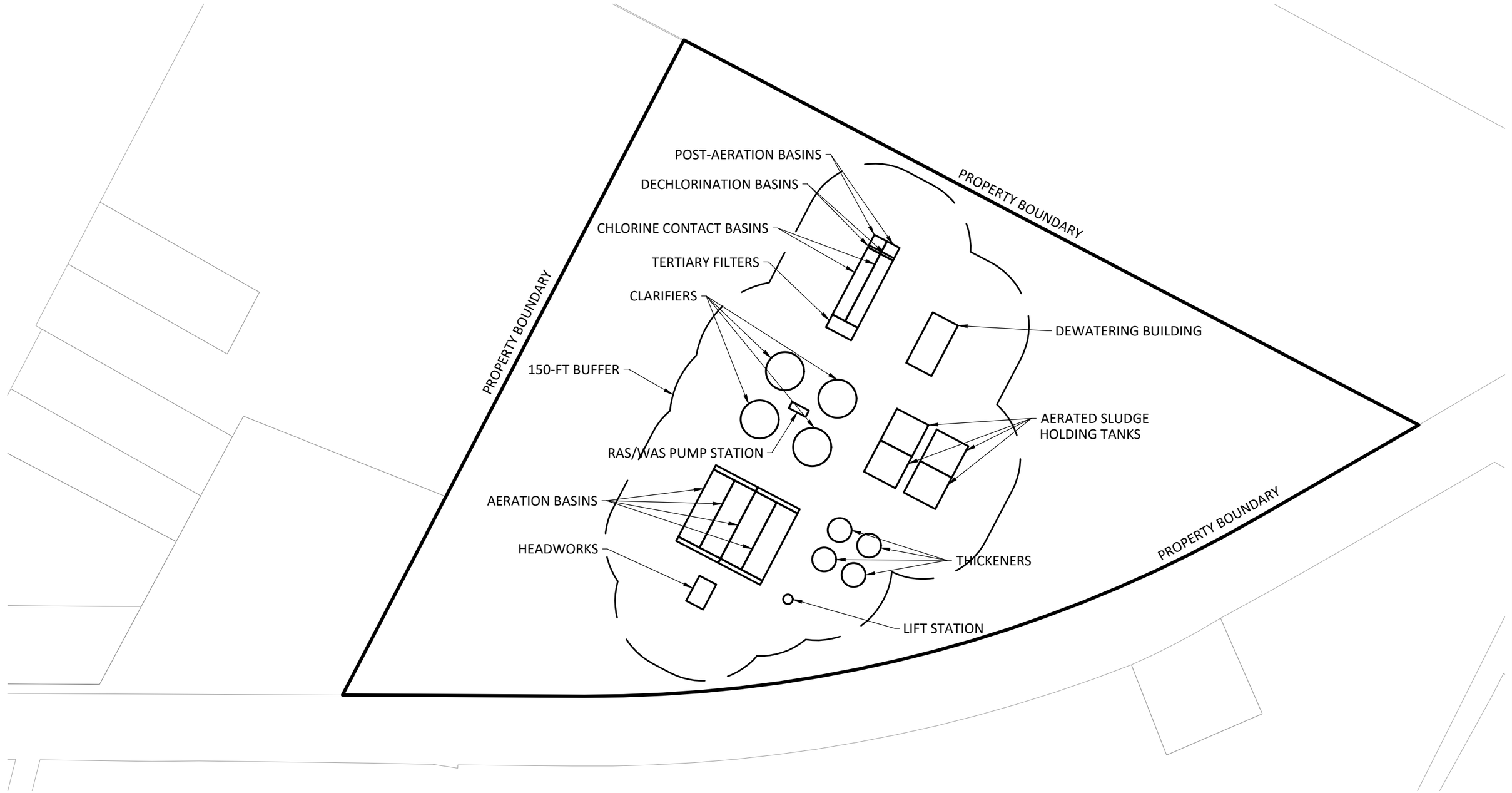
August 18, 2025

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

ANSI FULL BLEED B (17.00 X 11.00 INCHES)

S:\20003 City of Elgin\007 Elgin Wastewater Treatment Plant No. 2 Permitting\500 CAD\ Exhibits\Permit Exhibits\SITE DRAWINGS.dwg 8/18/2025 9:56 AM AANDERSON

DRAWN BY: NAR



0 200 400

SCALE: 1" = 200'

N

EXHIBIT TITLE:

CITY OF ELGIN WWTP NO. 2
PHASE 2 SITE MAP

LOCATION:

TRAVIS COUNTY, TX

DATE ISSUED:

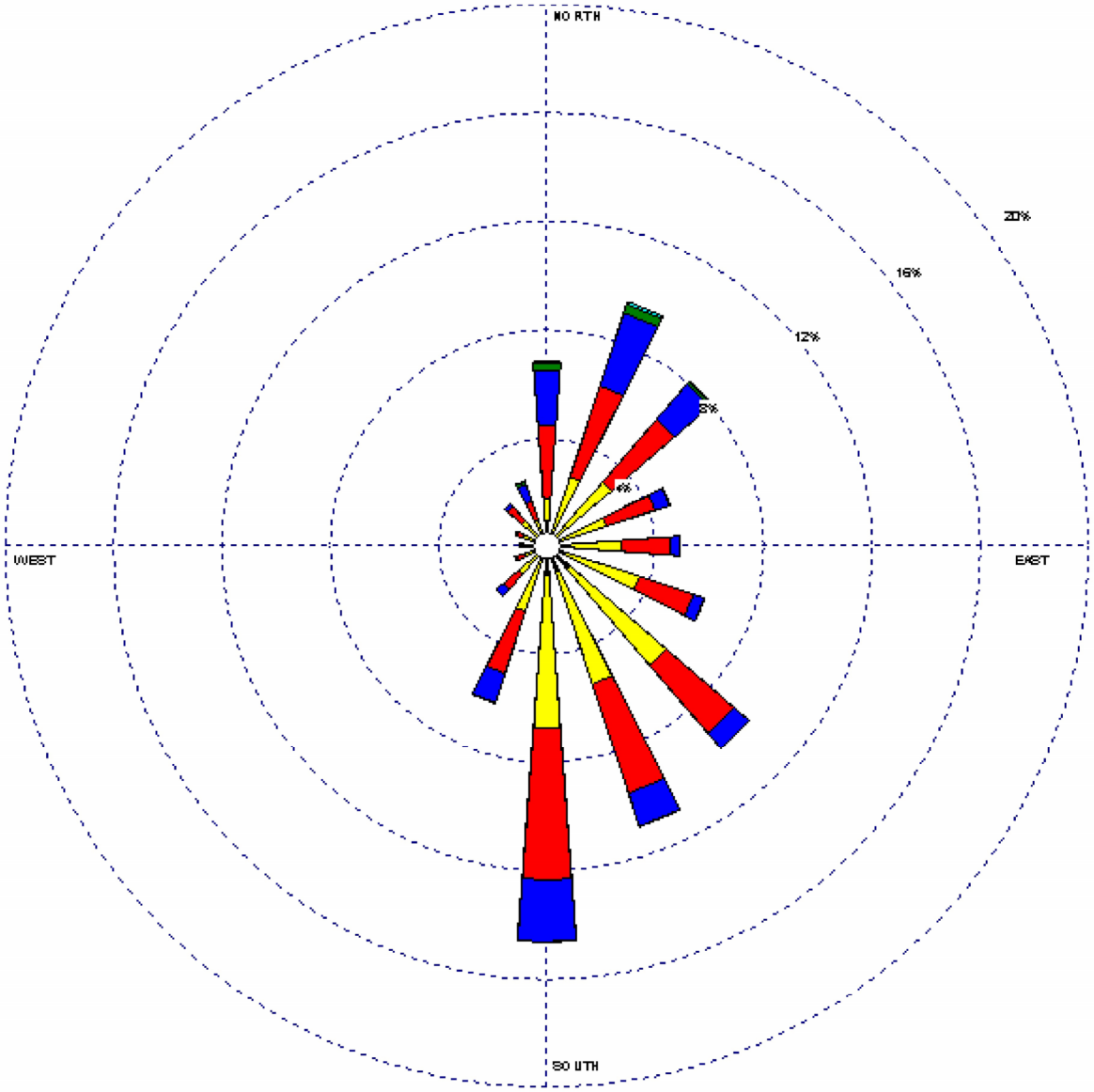
August 18, 2025

WGA

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

WIND ROSE PLOT

Station #13958 - AUSTIN/MUNICIPAL ARPT, TX



Wind Speed (m/s)

- > 11.06
- 8.49 - 11.06
- 5.40 - 8.49
- 3.34 - 5.40
- 1.80 - 3.34
- 0.51 - 1.80

MODELER Sara West		DATE 8/29/2002	COMPANY NAME USDA-ARS
DISPLAY Wind Speed		UNIT m/s	COMMENTS
AVG. WIND SPEED 3.83 m/s		CALM WINDS 7.55%	
ORIENTATION Direction (blowing from)		PLOT YEAR-DATE-TIME 1961 Sep 1 - Sep 30 Midnight - 11 PM	

WRPLOT View 3.3 by Lakes Environmental Software - www.lakes-environmental.com

WGA	**PROJECT NAME:**	City of Elgin WWTP No. 2
	WGA PROJECT NO:	20003-007

SLUDGE MANAGEMENT PLAN PH I - 3 MGD

I.PARAMETERS

% CAPACITIES	100%	75%	50%	25%
AVG. FLOW (MGD)	3.0	2.25	1.125	0.281

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

DIGESTER VOLUME		
	Vol. (cu. ft.)	Vol. (Gal)
Digester No. 1	78,750	589,050
Digester No. 2	78,750	589,050
Total	**157,500**	**1,178,100**

II. DAILY SLUDGE PRODUCTIONS

CAPACITY	100%	75%	50%	25%
BOD REMOVED (LBS)	7506	5630	3753	1877
DRY SLUDGE PRODUCED[(1)] (LBS)	2364	1773	1182	591
WET SLUDGE PRODUCED[(2)](LBS)	118,220	88,665	59,110	29,555
VOL WET SLUDGE PRODUCED (GPD)	14175	10631	7088	3544
REMOVAL SCHEDULE (DAYS)	83	110	166	332

(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 83 days

PROJECT NAME: City of Elgin WWTP No. 2
WGA PROJECT NO: 20003-007

SLUDGE MANAGEMENT PLAN PH I - 6 MGD

I.PARAMETERS

% CAPACITIES	100%	75%	50%	25%
AVG. FLOW (MGD)	6.0	4.5	2.25	0.563

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

DIGESTER VOLUME		
	Vol. (cu. ft.)	Vol. (Gal)
Digester No. 1	78,750	589,050
Digester No. 2	78,750	589,050
Digester No. 3	78,750	589,050
Digester No. 4	78,750	589,050
Total	**315,000**	**2,356,200**

II. DAILY SLUDGE PRODUCTIONS

CAPACITY	100%	75%	50%	25%
BOD REMOVED (LBS)	15012	11259	7506	3753
DRY SLUDGE PRODUCED[1] (LBS)	4729	3547	2364	1182
WET SLUDGE PRODUCED[2](LBS)	236,439	177,329	118,220	59,110
VOL WET SLUDGE PRODUCED (GPD)	28350	21263	14175	7088
REMOVAL SCHEDULE (DAYS)	83	110	166	332

(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 83 days

WGA	**PROJECT NAME:**	City of Elgin WWTP No. 2
	WGA PROJECT NO:	20003-007

SLUDGE MANAGEMENT PLAN PH I - 3 MGD

I.PARAMETERS

% CAPACITIES	100%	75%	50%	25%
AVG. FLOW (MGD)	3.0	2.25	1.125	0.281

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

DIGESTER VOLUME		
	Vol. (cu. ft.)	Vol. (Gal)
Digester No. 1	78,750	589,050
Digester No. 2	78,750	589,050
Total	**157,500**	**1,178,100**

II. DAILY SLUDGE PRODUCTIONS

CAPACITY	100%	75%	50%	25%
BOD REMOVED (LBS)	7506	5630	3753	1877
DRY SLUDGE PRODUCED[1] (LBS)	2364	1773	1182	591
WET SLUDGE PRODUCED[2](LBS)	118,220	88,665	59,110	29,555
VOL WET SLUDGE PRODUCED (GPD)	14175	10631	7088	3544
REMOVAL SCHEDULE (DAYS)	83	110	166	332

(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 83 days

PROJECT NAME: City of Elgin WWTP No. 2
WGA PROJECT NO: 20003-007

SLUDGE MANAGEMENT PLAN PH II - 6 MGD

I.PARAMETERS

% CAPACITIES	100%	75%	50%	25%
AVG. FLOW (MGD)	6.0	4.5	2.25	0.563

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

DIGESTER VOLUME		
	Vol. (cu. ft.)	Vol. (Gal)
Digester No. 1	78,750	589,050
Digester No. 2	78,750	589,050
Digester No. 3	78,750	589,050
Digester No. 4	78,750	589,050
Total	**315,000**	**2,356,200**

II. DAILY SLUDGE PRODUCTIONS

CAPACITY	100%	75%	50%	25%
BOD REMOVED (LBS)	15012	11259	7506	3753
DRY SLUDGE PRODUCED[(1)] (LBS)	4729	3547	2364	1182
WET SLUDGE PRODUCED[(2)](LBS)	236,439	177,329	118,220	59,110
VOL WET SLUDGE PRODUCED (GPD)	28350	21263	14175	7088
REMOVAL SCHEDULE (DAYS)	83	110	166	332

(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 83 days

SOUTHWEST STALLION STATION LLC
PO BOX 468
ELGIN, TEXAS 78621-0468

MCDONALD ORA JEAN SMITH
18809 LITTIG ROAD
ELGIN, TEXAS 7821-4145

RICARIO JESUS & MARIA
11813 MORROW LANE
ELGIN, TEXAS 78621-4241

SCOTT DOLORES
12007 MORROW LANE
ELGIN, TEXAS 78621-4242

SCHOVAJSA RUTH H ETAL
PO BOX 370
LA GRANGE, TEXAS 78945-0370

BAKER ANNIE M
11914 MORROW LANE
ELGIN, TEXAS 78621-4138

BAKER ANNIE M
11914 MORROW LANE
ELGIN, TEXAS 78621-4138

BEALL JONATHAN M
2503 FLORA CV
AUSTIN, TEXAS 78746-6902

MINTON FAMILY TRUST
1100 GUADALUP STREET
AUSTIN, TEXAS 78701-2194

MORRIS SHARON & L SHACKLES
4703 HILLDALE DRIVE
AUSTIN, TEXAS 78723-6205

GARCIA GREGORIO & ALICIA
14505 CAMERON ROAD
MANOR, TEXAS 78653-3303

RYNDERS CHRISTOPHER J & ERIN
17506 LITTIG ROAD
MANOR, TEXAS 78653-5249

POWELL LISA R
6108 JANEY DRIVE
AUSTIN, TEXAS 78757-4436

BEALL JONATHAN M
2503 FLORA CV
AUSTIN, TEXAS 78746-6902

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO PROPUESTO NO. WQ00

SOLICITUD. Ciudad de Elgin, P.O. Box 591, Elgin, Texas 78621, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016887001 (EPA I.D. No. TX0148547) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 6,000,000 galones por día. La planta estará ubicada 18706 Littig Road, cerca de la ciudad de Elgin, en el condado de Travis, Texas 78653. La ruta de descarga estará del sitio de la planta a *[revisión pendiente de la RWA por parte de TCEQ]*. La TCEQ recibió esta solicitud el 22 de Septiembre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Departamento de Planificación y Desarrollo, Recepción, 1135 Swenson Boulevard, Elgin, en el condado de Bastrop, 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=-97.43666,30.321111&level=18

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

AVISO 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 del Ciudad de Elgin a la dirección indicada arriba o llamando a Mr. Michael Gonzalez al (512) 285-664.

Fecha de emisión: *[Date notice issued]*

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS TPDES

AGUAS RESIDUALES DOMÉSTICAS

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 son representaciones federales exigibles de la solicitud de permiso.

La Ciudad de Elgin, Texas (CN600336549) propone operar la Planta de Tratamiento de Aguas Residuales No. 2 de la Ciudad de Elgin (RNxx), una planta de proceso de lodos activados operada en modo de aireación extendida. La instalación estará ubicada en 18706 Littig Road, cerca de la Ciudad de Elgin, Condado de Travis, Texas 78653.

Esta solicitud corresponde a una nueva autorización para descargar un flujo promedio diario de 3,000,000 galones por día de aguas residuales domésticas tratadas en la Fase I, y un flujo promedio diario de 6,000,000 galones por día de aguas residuales domésticas tratadas en la Fase Final.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno de cinco días (DBO5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N), fósforo total y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante un proceso de lodos activados, y las unidades de tratamiento incluirán cribas mecánicas finas, estanques de aireación, clarificadores, estanques digestores aireados, estanque de filtración terciaria, estanque de contacto con cloro aireado y un estanque de decloración.

Francesca Findlay

From: Alyssa Loveday <aloveday@wga-llc.com>
Sent: Friday, September 26, 2025 12:11 PM
To: Francesca Findlay
Cc: Beau Perry; Michael Gonzalez; Alyssa Loveday
Subject: RE: WQ0016887001 City of Elgin
Attachments: wq0016887001-nod1.pdf; Nearby Landowner Mailing List_Avery5160 _WQ0016887001.doc; Spanish Plain Language Summary_WQ0016887001.pdf; Spanish NORI_WQ0016887001.docx

Good afternoon Ms. Findlay,

Thank you for the provided Notice of Deficiency letter sent on September 26, 2025. Please see the requested documents attached:

1. Spanish Plain Language Summary;
2. Spanish NORI; and
3. Word Document of the Avery Mailing Labels.

We noticed one discrepancy within the provided English NORI:

- Line 6 of Paragraph 1 states, "...18706 Littig Road, **in** the **c**ity of Elgin, in Travis County..." while it should state, "...18706 Littig Road, **near** the **C**ity of Elgin, in Travis County."

The above adjustment was made to the attached Spanish NORI.

If there are any additional questions or clarifications required to declare the application administratively complete, please do not hesitate to contact us.

Thank you,

Alyssa Loveday, CFM
Assistant Project Manager

WGA

9390 Research Blvd., Suite 305 | Austin, TX 78759
D: 737-305-6470 C: 423-767-0174
aloveday@wga-llc.com

From: Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
Sent: Friday, September 26, 2025 11:21:30 AM
To: michael.gonzalez@elgintexas.gov <michael.gonzalez@elgintexas.gov>

Cc: Beau Perry <bperry@wga-llc.com>
Subject: FW: WQ0016887001 City of Elgin

Dear Mr. Gonzalez:

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

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality

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

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

EXTERNAL EMAIL : Do not click any links or open any attachments unless you trust the sender and know the content is safe.