



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Denton County MUD 7 (CN603295627) proposes to operate Denton County MUD 7 WWTP (RN TBD), an activated sludge process operating in the complete mix mode. The facility will be located at approximately 0.65 miles southeast of the intersection of Farm to Market 1385 and Lights Ranch Road, in Pilot Point, Denton County, Texas 76258. This is a new application to discharge at a daily flow up to 950,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N) and E. coli. Domestic wastewater will be treated by an activated sludge process plant.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Denton County MUD 7 (CN603295627) propone operar le Denton County MUD 7 WWTP (RN TBD, un proceso de lodos activados que opera en el modo de mezcla complete. La instalación estará ubicada en 0.65 millas al suroeste de la intersección de FM 1385 y Lights Ranch RD, en Pilot Point, Condado de Denton, Texas 76258. Esta es una nueva aplicación para descargar a un flujo diario hasta 950,000 galones por día de aguas residuals domésticas tratadas.

Se espera que las descargas de la instalación contengan una demanda bioquímica de oxígeno cargonoso de cinco días, nitrógeno ammoniacal, y E. coli. . Las aguas residuals domesticas serán. **está** tratado por mediante un proceso lodos activados.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PROPOSED PERMIT NO. WQ0016751001

APPLICATION. Denton County Municipal Utility District No. 7 and GB878 LLC, 16000 Dallas Parkway, Suite 350, Dallas, Texas 75248, have applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016751001 (EPA I.D. No. TX0147621) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 950,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.65 miles southeast of the intersection of Lights Ranch Road and Farm-to-Market Road 1385, near the city of Pilot Point, in Denton County, Texas 76258. The discharge route will be from the plant site via Outfalls 001 and 002 to a man-made channel, thence to unnamed tributary 1, thence to Pecan Creek; and via Outfalls 003 and 004 to an on-site sewer drain, thence to unnamed tributary 2, thence to Pecan Creek; thence all outfalls to Lewisville Lake. TCEQ received this application on March 11, 2025. The permit application will be available for viewing and copying at Pilot Point Community Library, 324 South Washington Street, Pilot Point, in Denton 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=-96.8919,33.365072&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 Denton County Municipal Utility District No. 7 and GB878 LLC at the address stated above or by calling Ms. Laura Preston, P.E., LJA Engineering, Inc., at 214-442-6579.

Issuance Date: April 2, 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. WQ0016751001

SOLICITUD. Denton County Municipal Utility District No. 7 y GB878 LLC, 16000 Dallas Parkway, Suite 350, Dallas, Texas 75248 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016751001 (EPA I.D. No. TX 0147621) 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 950,000 galones por día. La planta estará ubicada aproximadamente 0.65 millas al sureste de la intersección de Lights Ranch Road y Farm-to-Market Road 1385 cerca de la ciudad de Pilot Point en el Condado de Denton, Texas 76258. La ruta de descarga estará del sitio de la planta a través de los desagües 001 y 002 hasta un canal artificial, de allí al afluente sin nombre 1, de allí a Pecan Creek; y a través de los desagües 003 y 004 hasta un desagüe de alcantarillado en el sitio, de allí al afluente sin nombre 2, de allí a Pecan Creek; de allí todos los desagües hasta el lago Lewisville. La TCEQ recibió esta solicitud el 11 de marzo de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Pilot Point Community Library, 324 South Washington Street, Pilot Point, en el Condado de Denton 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=-96.8919,33.365072&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 de correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional del Denton County Municipal Utility District No. 7 and GB878 LLC a la dirección indicada arriba o llamando a Ms. Laura Preston, P.E., LJA Engineering, Inc., al 214-442-6579.

Fecha de emisión el 2 de abril de 2025



469.621.0710
TBPELS F-1386
TBPELS 10110501
www.LJA.com

6060 North Central Expressway, Suite 400, Dallas, Texas 75206

March 11, 2025

Texas Commission on Environmental Quality
Applications Review and Processing Team
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

RE: DCMUD 7 WWTP Domestic Wastewater Discharge Permit Application

Project Name: DCMUD 7 WWTP Domestic Wastewater Discharge Permit Application
County: Denton
LJA Job No: NT340-0411

Dear Applications Review and Processing Team:

The purpose of this letter is to provide the Texas Commission on Environmental Quality (TCEQ) with the information necessary to comply with the submittal requirements of Domestic Wastewater Discharge Permit Applications. Attached to this letter is one copy of the Domestic Wastewater Discharge Permit Application with original documents, including full size exhibits and original signatures. Also attached are two additional copies of the permit application. We look forward to your review. An electronic copy has been transmitted to WQDeCopy@tceq.texas.gov via the FTP site in accordance with the requirements.

1. The Engineering Firm (Preparer) is:

LJA Engineering, Inc.
6060 N. Central Expressway, Suite 400
Dallas, Texas 75206
Firm # 1386

2. The county is:

Denton

3. The project name is:

DCMUD 7 WWTP Domestic Wastewater Discharge Permit Application

For any questions or comments, please contact Laura Preston using the information below.

Sincerely,

A handwritten signature in blue ink, appearing to read "L. Preston", is written over a light blue horizontal line.

Laura Preston, PE
Project Manager
214.442.6579
lpreston@lja.com
Firm #1386



LETTER OF TRANSMITTAL

To: Texas Commission on
Environmental Quality
Applications Review and
Processing Team
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

Date: 03/11/2025

LJA Job No. NT340-0411

From: Laura Preston, P.E.

LJA Engineering

RE: DCMUD 7 WWTP Domestic Wastewater Permit

WE ARE SENDING YOU the following items:

- ☐ Shop Drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of Letter ☐ Change Order ☐ Contract ☒ Other: Domestic Wastewater Permit Application

Copies	Date	Description
1	December 2024	Original Copy with Original Signatures and full-size documents
2	December 2024	Additional Copies of the domestic wastewater permit application

THESE ARE TRANSMITTED as checked below:

- ☒ For approval ☐ Approved as submitted ☐ Resubmit _ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _ executed agreement
☒ For review & comment ☐ For signatures ☐ _____

REMARKS: Please find the enclosed DCMUD 7 WWTP Domestic Wastewater Discharge Permit Application. An electronic copy has been transmitted to WQDeCopy@tceq.texas.gov via the FTP site in accordance with the requirements.

c: _____

SIGNED: Laura Preston, P.E.



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Denton County MUD 7

PERMIT NUMBER (If new, leave blank): WQ00 TBD – This is an application for a new permit.

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

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

For TCEQ Use Only

Segment Number _____ County _____

Expiration Date _____ Region _____

Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: N/A

Check/Money Order Amount: N/A

Name Printed on Check: N/A

EPAY Voucher Number: 756984 & 756985

Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: 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?

Denton County MUD 7

(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: 603295627

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: Minett, Cyril

Title: President

Credential: N/A

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?

GB878 LLC

(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: 605905983

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: Samuel, Bobby

Title: Vice President

Credential: N/A

Provide a brief description of the need for a co-permittee: GB878 is the landowner of the facility site. Denton County MUD 7 will be the owner and operator of the WWTP facility.

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. 1

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Ms.

Last Name, First Name: Preston, Laura

Title: Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400

City, State, Zip Code: Dallas, Texas 75206

Phone No.: 214-442-6579

E-mail Address: lpreston@lja.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Ms.

Last Name, First Name: Easley, Sally

Title: Graduate Engineer

Credential: N/A

Organization Name: LJA Engineering, Inc.

Mailing Address: 2150 S Central Expy, Ste 300

City, State, Zip Code: McKinney, Texas 75070

Phone No.: 214-620-2778

E-mail Address: seasley@lja.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Ms.

Last Name, First Name: Preston, Laura

Title: Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400

City, State, Zip Code: Dallas, Texas 75206

Phone No.: 214-442-6579

E-mail Address: lpreston@lja.com

B. Prefix: Ms.

Last Name, First Name: Easley, Sally

Title: Graduate Engineer

Credential: N/A

Organization Name: LJA Engineering, Inc.

Mailing Address: 2150 S Central Expy, Ste 300

City, State, Zip Code: McKinney, Texas 75070

Phone No.: 214-620-2778

E-mail Address: seasley@lja.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: N/A

Last Name, First Name: Accounts Payable

Title: N/A

Credential: N/A

Organization Name: GB878 LLC

Mailing Address: 5501 Headquarters Dr., Ste 300 W

City, State, Zip Code: Plano, Texas 75024

Phone No.: 469-573-6721

E-mail Address: landinvoices@grbk.com

Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Ms.

Last Name, First Name: Laura Preston

Title: N/A

Credential: N/A

Organization Name: LJA Engineering

Mailing Address: 6060 N Central Expy, Ste 400

City, State, Zip Code: Dallas, Texas 75206

Phone No.: 214-442-6579

E-mail Address: lpreston@lja.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms.

Last Name, First Name: Preston, Laura

Title: Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400

City, State, Zip Code: Dallas, Texas 75206

Phone No.: 214-442-6579

E-mail Address: lpreston@lja.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms.

Last Name, First Name: Preston, Laura

Title: Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400

City, State, Zip Code: Dallas, Texas 75206

Phone No.: 214-442-6579

E-mail Address: lpreston@lja.com

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Pilot Point Community Library

Location within the building: Service Desk

Physical Address of Building: 324 S Washington Street

City: Pilot Point

County: Denton

Contact (Last Name, First Name): Library Staff

Phone No.: 940-686-5004 Ext.: N/A

E. Bilingual Notice Requirements

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

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

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

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

☒ Yes

☐ No

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

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

☐ Yes

☒ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: 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: 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):

Denton County MUD 7 WWTP

C. Owner of treatment facility: Denton County MUD 7

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

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

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: GB878 LLC

Mailing Address: 5501 Headquarters Dr. Ste 300 W City, State, Zip Code: Plano, TX 75024

Phone No.: 469-573-6755

E-mail Address: bwilliams@grbk.com

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

Attachment: 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:

Approximately 0.65 miles southeast of the intersection of Farm to Market 1385 and Lights Ranch Road in Denton 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: To a man-made channel, thence to an unnamed tributary of Pecan Creek, thence south-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin.
Outfall 002: To a man-made channel, thence to an unnamed tributary of Pecan Creek, thence west-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin
Outfall 003: To an on-site storm sewer system through the development, thence to an unnamed tributary of Pecan Creek, thence south-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin.
Outfall 004: To an on-site storm sewer system through the development, thence to an unnamed tributary of Pecan Creek, thence west-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin

City nearest the outfall(s): Pilot Point

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

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

☐ Yes ☒ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment: N/A

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

N/A – This is not an application for a TLAP

- 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 – No sludge disposal authorization is requested in this permit

- 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: N/A

- 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

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: N/A

Applicant: Denton County MUD 7

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): Cyril Minett

Signatory title: President

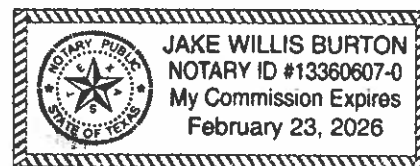
Signature: Cyril Minett Date: 2-25-25
(Use blue ink)

Subscribed and Sworn to before me by the said Cyril Minett
on this 25th day of February, 20 25.
My commission expires on the 23rd day of February, 20 26.

[Signature]
Notary Public

Dallas
County, Texas

[SEAL]



Section 14. Signature Page (Instructions Page 34)

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

Permit Number: N/A

Applicant: GB878 LLC

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): Bobby Samuel

Signatory title: Vice President

Signature: _____



(Use blue ink)

Date: _____

3/6/2025


Subscribed and Sworn to before me by the said Bobby Samuel

on this 6 day of March, 2025.

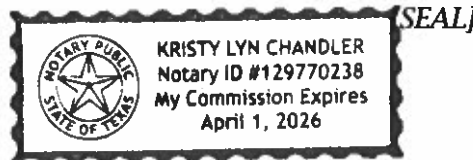
My commission expires on the 1 day of April, 2026.



Notary Public



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 in which format the landowners list is submitted:

- ☒ USB Drive ☐ Four sets of labels

D. Provide the source of the landowners' names and mailing addresses: Denton County CAD

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: 7

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

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

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

Plain Language Summary ☒ Yes



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

Section 1. Permitted or Proposed Flows (Instructions Page 43)

A. Existing/Interim I Phase

Design Flow (MGD): 0.15

2-Hr Peak Flow (MGD): 0.60

Estimated construction start date: 11/2025

Estimated waste disposal start date: 11/2026

B. Interim II Phase

Design Flow (MGD): 0.30

2-Hr Peak Flow (MGD): 1.2

Estimated construction start date: 04/2027

Estimated waste disposal start date: 04/2028

C. Final Phase

Design Flow (MGD): 0.95

2-Hr Peak Flow (MGD): 3.8

Estimated construction start date: 04/2029

Estimated waste disposal start date: 04/2030

D. Current Operating Phase

Provide the startup date of the facility: N/A – This facility is not in operation.

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

See Attachment 11

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 12		

C. Process Flow Diagram

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

Attachment: See Attachments 13.1, 13.2 & 13.3

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

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

- Latitude: Outfalls 1-4: 33.365072
- Longitude: Outfalls 1-4: -96.891900

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: 14 & 23

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

An approximately 660-acre tract that will be developed for single-family, multifamily, and commercial use.

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
N/A	N/A	Choose an item.	N/A
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☐ Yes ☒ No

If **yes**, provide the date(s) of approval for each phase: 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 will be met by ownership and restrictive easement.

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 – This is an application for a new permit

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

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

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 50)

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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	N/A				
Total Suspended Solids, mg/l	N/A				
Ammonia Nitrogen, mg/l	N/A				
Nitrate Nitrogen, mg/l	N/A				
Total Kjeldahl Nitrogen, mg/l	N/A				
Sulfate, mg/l	N/A				
Chloride, mg/l	N/A				
Total Phosphorus, mg/l	N/A				
pH, standard units	N/A				
Dissolved Oxygen*, mg/l	N/A				
Chlorine Residual, mg/l	N/A				
<i>E.coli</i> (CFU/100ml) freshwater	N/A				
Enterococci (CFU/100ml) saltwater	N/A				
Total Dissolved Solids, mg/l	N/A				
Electrical Conductivity, µmohs/cm, †	N/A				
Oil & Grease, mg/l	N/A				
Alkalinity (CaCO ₃)*, mg/l	N/A				

*TPDES permits only

†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	N/A				
Total Dissolved Solids, mg/l	N/A				
pH, standard units	N/A				
Fluoride, mg/l	N/A				
Aluminum, mg/l	N/A				
Alkalinity (CaCO ₃), mg/l	N/A				

Section 8. Facility Operator (Instructions Page 50)

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

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Biosolids Management

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

all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk		Class B: PSRP Aerobic Digestion	Option 3: Lab demonstration of volatile solids reduction aerobically
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): Facility is not in operation. Biosolids management method may vary based on final design.

D. Disposal site

Disposal site name: TBD

TCEQ permit or registration number: TBD

County where disposal site is located: TBD

E. Transportation method

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

Name of the hauler: TBD

Hauler registration number: TBD

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:
Attachment: N/A
- USDA Natural Resources Conservation Service Soil Map:
Attachment: N/A
- Federal Emergency Management Map:
Attachment: N/A
- Site map:
Attachment: N/A

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: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: N/A

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: N/A

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

Volume and frequency of sludge to the lagoon(s): N/A

Total dry tons stored in the lagoons(s) per 365-day period: N/A

Total dry tons stored in the lagoons(s) over the life of the unit: N/A

C. Liner information

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

☐ Yes ☐ No

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

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: N/A
- Copy of the closure plan
Attachment: N/A
- Copy of deed recordation for the site
Attachment: N/A
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
Attachment: N/A
- Description of the method of controlling infiltration of groundwater and surface water from entering the site
Attachment: N/A
- Procedures to prevent the occurrence of nuisance conditions
Attachment: N/A

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 55)

A. Additional authorizations

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

☐ Yes ☒ No

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

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

This Permit is needed for the new wastewater treatment facility which will support single-family development on adjacent/nearby property. See Attachment 21

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: N/A

If yes, attach correspondence from the city.

Attachment: N/A

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: N/A

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: 21

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: 15

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: 16

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: 21 and 22

Section 2. Proposed Organic Loading (Instructions Page 59)

Is this facility in operation?

☐ Yes ☒ No

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

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

A. Current organic loading

Facility Design Flow (flow being requested in application): N/A

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

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

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

N/A

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision	0.95	325 mg/L
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources		
AVERAGE BOD ₅ from all sources		

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

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: N/A

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: N/A

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: N/A

D. Disinfection Method

Identify the proposed method of disinfection.

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

Dechlorination process: N/A

☐ Ultraviolet Light: N/A seconds contact time at peak flow

☐ Other: N/A

Section 4. Design Calculations (Instructions Page 59)

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

Attachment: 17

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

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

☒ Yes ☐ No

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

N/A

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

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If **yes**, provide the permit number: N/A

If **no**, provide the approximate date you anticipate submitting your application to the Corps: N/A

B. Wind rose

Attach a wind rose: 19

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

Attach a solids management plan to the application.

Attachment: 20

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

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

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: N/A

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).

N/A

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).

N/A

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: Unnamed, manmade channel

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: N/A

Average depth of the entire water body, in feet: N/A

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

- ☒ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify: N/A

B. Flow characteristics

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

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

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

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

C. Downstream perennial confluences

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

N/A

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.

The man-made channel will discharge into an unnamed tributary of Pecan Creek within 3 miles of the discharge point.

E. Normal dry weather characteristics

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

The receiving water body is generally an intermittent stream with low flow, with perennial pools much of the year

Date and time of observation: 01/14/2025, 11:45 AM

Was the water body influenced by stormwater runoff during observations?

☒ Yes ☐ No

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

A. Upstream influences

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

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

B. Waterbody uses

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

- | | |
|------------------------------------------------|----------------------------------------------------------------------------------|
| <input type="checkbox"/> Livestock watering | <input type="checkbox"/> Contact recreation |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation |
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply |
| <input type="checkbox"/> Park activities | <input type="checkbox"/> Other(s), specify: 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 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Significant IUs – non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: 0

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

☐ Yes ☒ No

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

N/A – Facility has not yet been constructed.

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 – Facility has not yet been constructed.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

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

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)

A. Substantial modifications

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

☐ Yes ☐ No

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

N/A

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.

N/A

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.

N/A

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 90)

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: N/A

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

Category: N/A

Subcategories: N/A

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

List of Included Attachments

LJA Project Number NT340-0411

- 1.1 – Core Data Form
- 1.2 – Core Data Form
- 2 – Plain Language Summary
- 3 – Public Involvement Plan
- 4.1–4.3 - USGS Topo 3-mile
- 5 – Affected Landowner Map
- 6 – Affected Landowner List
- 7 – Supplemental Permit Information Form
- 8 – Photo Locations Map
- 8 – Photos Document
- 9 – Buffer Zone Map
- 10.1–10.3 - USGS Topo 1-mile
- 11 – Plant Treatment Process Description
- 12 – Proposed Plant Units
- 13.1-13.3 – Process Flow Diagrams
- 14 – Site Plan Map
- 15 – Adjacent Utilities/Outfall Map
- 16 – Capacity Request Letters
- 17 – Design Calculations
- 18 – FEMA FIRMette
- 19 – Wind Rose
- 20 – Solids Management
- 21 – Justification of Facility
- 22 – Coordination with Mustang SUD
- 23 – Service Area Map



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 603295627		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		2/19/2025			
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership							
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)							
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>							
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>			
Denton County MUD 7							
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					
11. Type of Customer:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited		
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:			
12. Number of Employees				13. Independently Owned and Operated?			
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No			
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following							
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:							
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant							
15. Mailing Address:		16000 Dallas Parkway					
		Suite 350					
		City	Dallas	State	TX	ZIP	75248
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)			
				mkoehne@coatsrose.com			
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)			

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)							
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)							
Denton County MUD 7 WWTP							
23. Street Address of the Regulated Entity: (No PO Boxes)							
	City		State		ZIP		ZIP + 4
24. County	Denton						

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

25. Description to Physical Location:	Approximately 0.65 miles southeast of the intersection of Farm to Market 1385 and Lights Ranch Road in Denton County, Texas						
26. Nearest City					State	Nearest ZIP Code	
Pilot Point					TX	76258	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		33.365072			28. Longitude (W) In Decimal:		96.891900
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
33	21	54.26	96	53	30.84		
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.)							
Domestic Wastewater Treatment							
34. Mailing Address:	Denton County MUD 7						
	16000 Dallas Parkway, Suite 350						
	City	Dallas	State	TX	ZIP	75248	ZIP + 4
35. E-Mail Address:							
36. Telephone Number		37. Extension or Code			38. Fax Number (if applicable)		
(972) 788-1600					() -		

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


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

SECTION IV: Preparer Information

40. Name:	Laura Preston	41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(214) 442-6579		() -	lpreston@lja.com

SECTION V: Authorized Signature

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

Company:	Denton County MUD 7	Job Title:	President
Name (In Print):	Cyril Minett	Phone:	(972) 788- 1600
Signature:		Date:	2-25-20



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
<input checked="" type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 605905983		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		2/19/2025	
<input type="checkbox"/> New Customer <input checked="" type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
GB878 LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
080409652		32079488410			
11. Type of Customer:		<input type="checkbox"/> Corporation		<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input checked="" type="checkbox"/> Other: Limited Liability Company	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input checked="" type="checkbox"/> Other: Landowner					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:		5501 Headquarters Dr. Ste 300 W			
City		Plano	State	TX	ZIP
					75024
ZIP + 4					
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)		
			bwilliams@grbk.com		
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information <i>(If 'New Regulated Entity' is selected, a new permit application is also required.)</i>							
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information							
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>							
22. Regulated Entity Name <i>(Enter name of the site where the regulated action is taking place.)</i>							
Denton County MUD 7 WWTP							
23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>							
City		State		ZIP		ZIP + 4	
24. County	Denton						

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

25. Description to Physical Location:		Approximately 0.65 miles southeast of the intersection of Farm to Market 1385 and Lights Ranch Road in Denton County, Texas					
26. Nearest City				State		Nearest ZIP Code	
Pilot Point				TX		76258	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		33.365072		28. Longitude (W) In Decimal:		96.891900	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
33	21	54.26	96	53	30.84		
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? <i>(Do not repeat the SIC or NAICS description.)</i>							
Domestic Wastewater Treatment							
34. Mailing Address:		GB878 LLC					
		5501 Headquarters DR, Ste 300W					
City	Plano	State	TX	ZIP	75024	ZIP + 4	
35. E-Mail Address:		bwilliams@grbk.com					
36. Telephone Number				37. Extension or Code		38. Fax Number <i>(if applicable)</i>	
(469) 573-6755						() -	

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


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

SECTION IV: Preparer Information

40. Name:	Laura Preston			41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(214) 442-6579		() -	lpreston@lja.com		

SECTION V: Authorized Signature

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

Company:	GB878 LLC	Job Title:	Vice President
Name (In Print):	Bobby Samuel	Phone:	1469-573-6755 817-658-2112
Signature:			Date: 3/6/2025



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Denton County MUD 7 (CN603295627) proposes to operate Denton County MUD 7 WWTP (RN TBD), an activated sludge process operating in the complete mix mode. The facility will be located at approximately 0.65 miles southeast of the intersection of Farm to Market 1385 and Lights Ranch Road, in Pilot Point, Denton County, Texas 76258. This is a new application to discharge at a daily flow up to 950,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₅-N) and E. coli. Domestic wastewater will be treated by an activated sludge process plant.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Denton County MUD 7 (CN603295627) propone operar le Denton County MUD 7 WWTP (RN TBD, un proceso de lodos activados que opera en el modo de mezcla complete. La instalación estará ubicada en 0.65 millas al suroeste de la intersección de FM 1385 y Lights Ranch RD, en Pilot Point, Condado de Denton, Texas 76258. Esta es una nueva aplicación para descargar a un flujo diario hasta 950,000 galones por día de aguas residuals domésticas tratadas.

Se espera que las descargas de la instalación contengan una demanda bioquímica de oxígeno cargonoso de cinco días, nitrógeno ammoniacal, y E. coli. . Las aguas residuals domesticas serán. **está** tratado por mediante un proceso lodos activados.



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

New Permit or Registration Application

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

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

Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

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

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

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

Section 3. Application Information

Type of Application (check all that apply):

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

Water Quality

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

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)

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

City

County

Census Tract

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

Section 6. Planned Public Outreach Activities

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

Yes No

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

Yes No

If Yes, please describe.

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

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

Yes No

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

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

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

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

Yes No

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

Yes No

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

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

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

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

Yes No

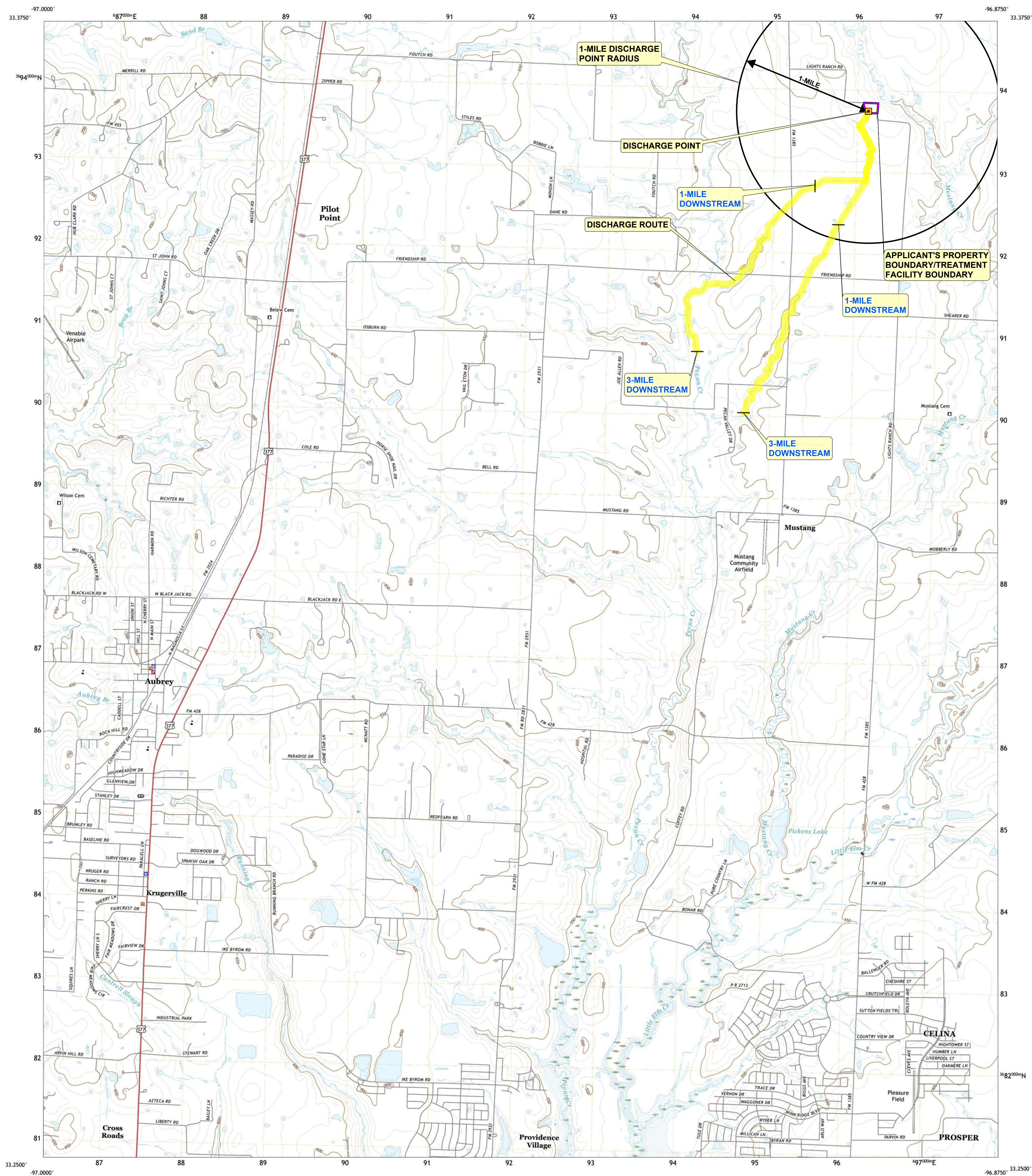
What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

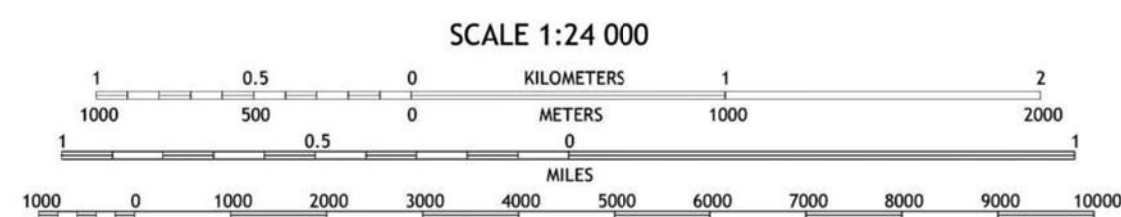
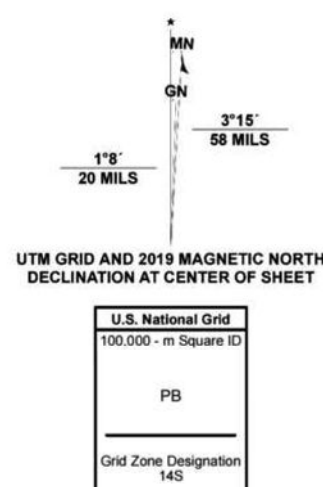
Mailed by TCEQ's Office of the Chief Clerk

Other (specify)



Produced by the United States Geological Survey
 First Edition: Date of 1983 (NAD83)
 World Geodetic System of 1984 (WGS84). Projection and
 1 000-meter grid: Universal Transverse Mercator, Zone 14s
 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.

Agency.....NAP, September
 Census Bureau
 Names.....
 Hydrography.....National Hydrography Data
 Contours.....National Elevation
 Boundaries.....Multiple sources; use metadata
 Wetlands.....FWS National Wetlands Inventory



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988





This map was produced to conform with the
National Geospatial Program US Topo Product Standard.





1	2	3
4		5
6	7	8

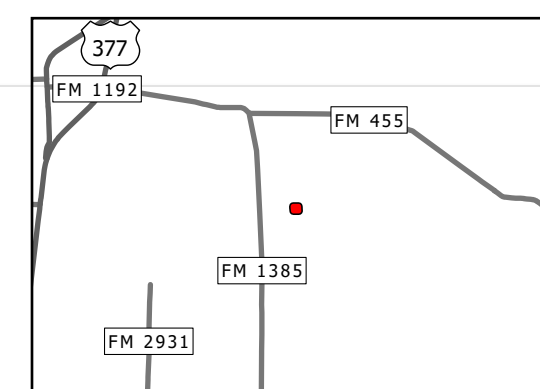
- 1 Mountain Springs
- 2 Pilot Point
- 3 Marilee
- 4 Green Valley
- 5 Celina
- 6 Denton East
- 7 Little Elm
- 8 Frisco

ROAD CLASSIFICATION

	Local Connector	
	Local Road	
	4WD	

oute  US Route  State Route

AUBREY, TX
2022



NOAA REF NO: 0303XZ4K1617

ATTACHMENT 4.1

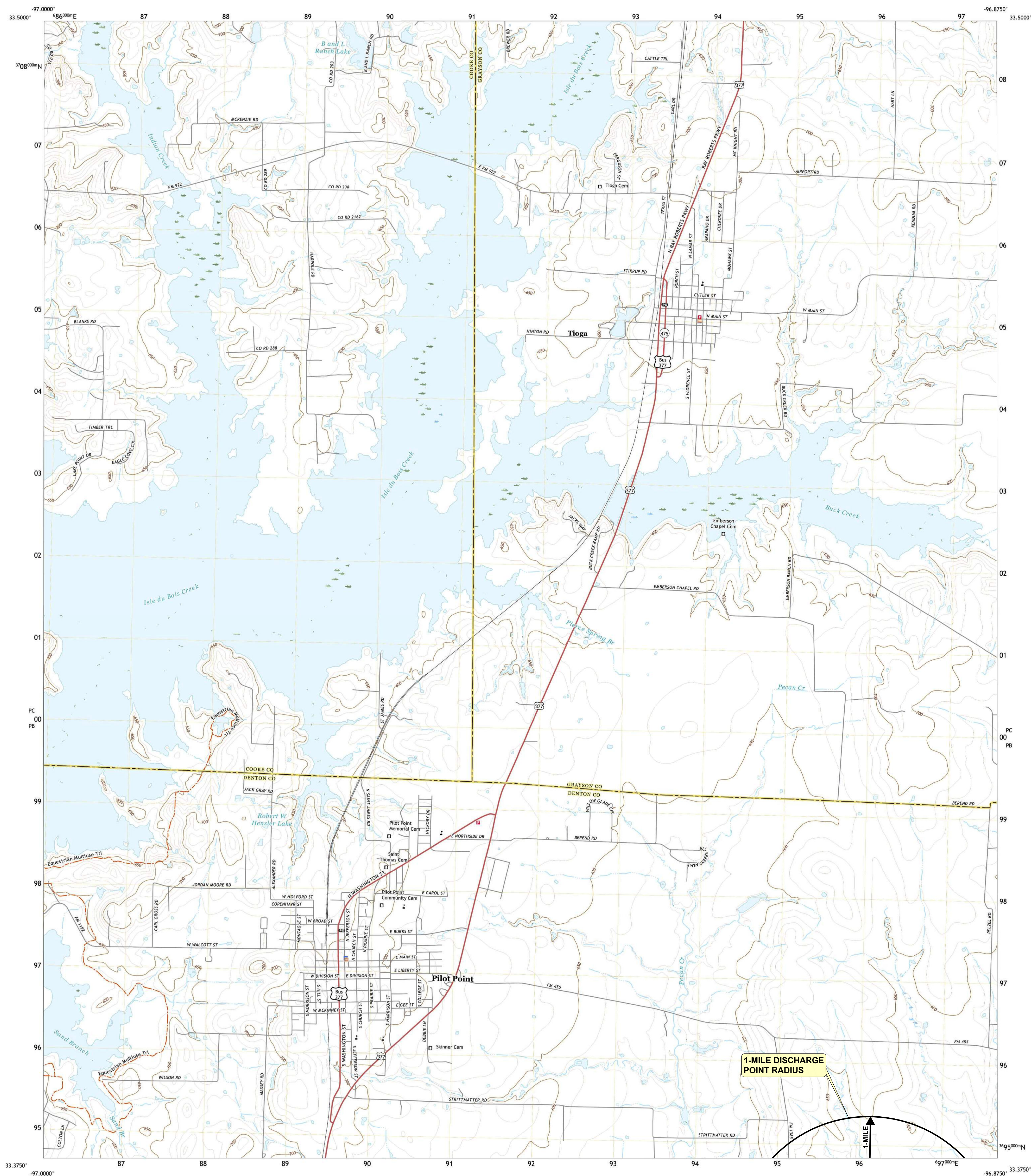
**DENTON COUNTY MUD 7 WWTP
DISCHARGE PERMIT (3-MILE)
USGS TOPOGRAPHIC MAP**



**6060 North Central Expressway Suite 400
Dallas, Texas 75206**
Phone 469.621.0710
LJA.com

JANUARY 2025

JOB NO: NT340-0411



Produced by the United States Geological Survey

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
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reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....	NAP, September 2016 - November 2016	2016
Roads.....	U.S. Census Bureau, 2015	2018
Names.....	GNIS, 2000 - 2021	2021
Hydrography.....	National Hydrography Dataset, 2002 - 2018	2018
Contours.....	National Elevation Dataset, 2004 - 2018	2018
Boundaries.....	Multiple sources; see metadata file	2019
Wetlands.....	FWS National Wetlands Inventory	Not Available

Wetlands.....FWS	National	Wetlands	Inventory	Not	Available
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U.S. National Grid
100,000 - m Square ID
PC
PB
Grid Zone Designation
14S

SCALE 1:24 000

The graphic scale bar is divided into three units: kilometers, meters, and miles. The kilometers scale ranges from 0 to 2, with markings at 0.5 and 1. The meters scale ranges from 0 to 2000, with markings at 500 and 1000. The miles scale ranges from 0 to 1, with markings at 0.5 and 1. The scales are aligned horizontally, allowing for easy conversion between units.

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

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ATTACHMENT 4.2

DENTON COUNTY MUD 7 WWTP
DISCHARGE PERMIT (3-MILE)
USGS TOPOGRAPHIC MAP



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JANUARY 2025

JOB NO: NT340-0411








QUADRANGLE LOCATION

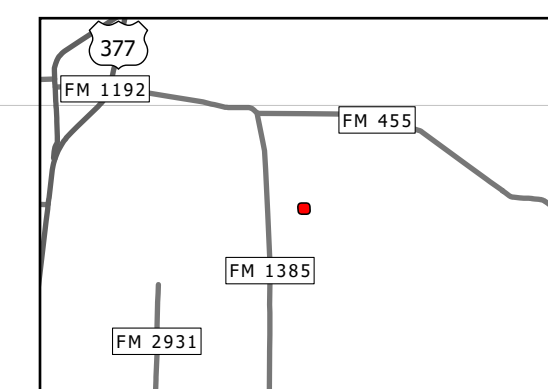
1	2	3
4		5
6	7	8

1 Woodbine
 2 Collinsville
 3 Ethel
 4 Mountain Springs
 5 Marilee
 6 Green Valley
 7 Aubrey
 8 Celina

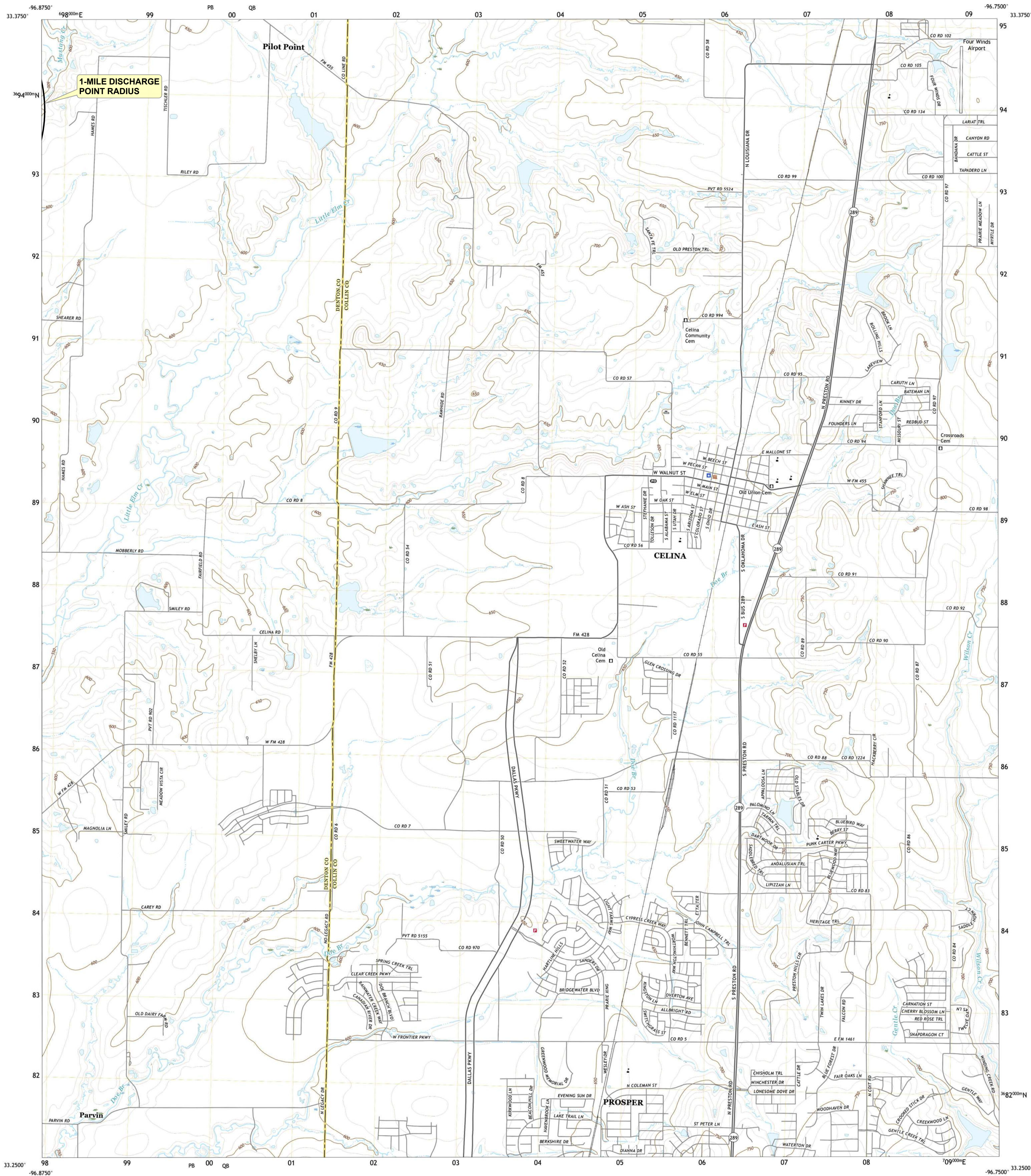
ADJOINING QUADRANGLES

ROAD CLASSIFICATION

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

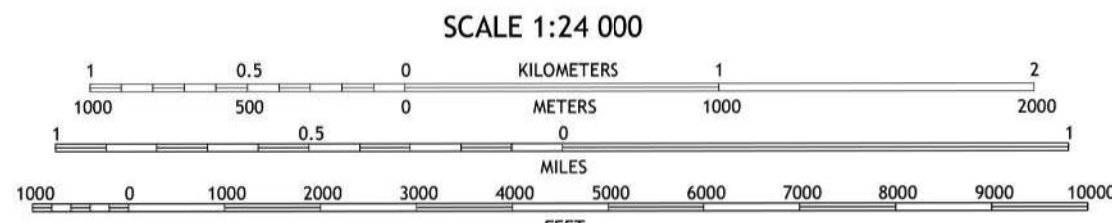
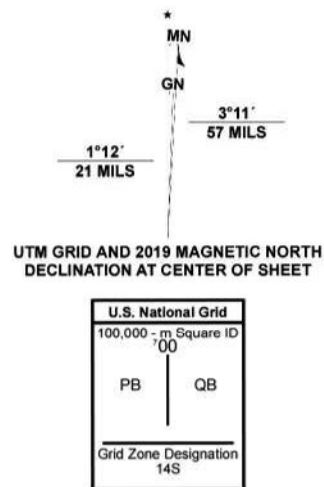
PILOT POINT, TX
2022

NSN. 7 6 4 3 0 1 6 3 9 7 7 2 0
NCA REE NO II S G S Y 2 4 K 2 5 1 9 1



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Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Name.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2005
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



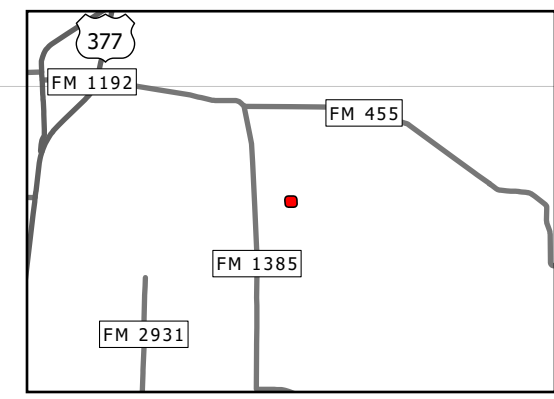
1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Pilot Point
2 Marilee
3 Gunter
4 Aubrey
5 Weston
6 Little Elm
7 Frisco
8 McKinney West



CELINA, TX
2022



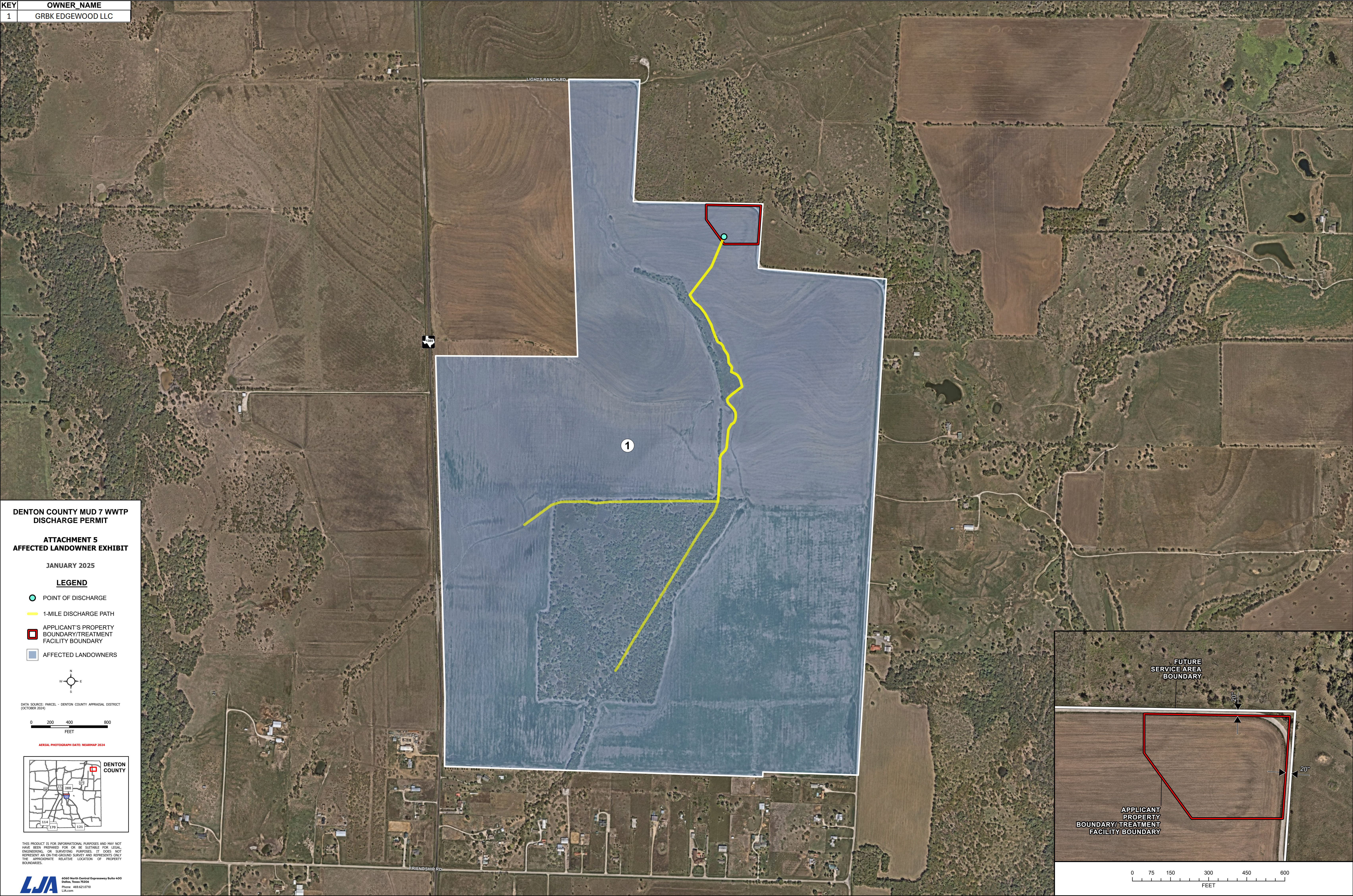
ATTACHMENT 4.3

**DENTON COUNTY MUD 7 WWTP
DISCHARGE PERMIT (3-MILE)
USGS TOPOGRAPHIC MAP**

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Dallas, Texas 75206
Phone 469.621.0710
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JANUARY 2025 JOB NO: NT340-0411

KEY	OWNER_NAME
1	GRBK EDGEWOOD LLC



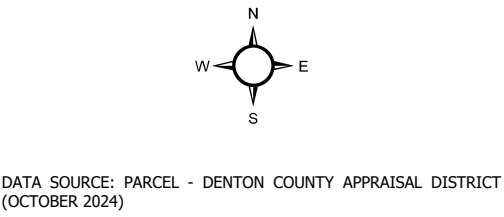
DENTON COUNTY MUD 7 WWTP
DISCHARGE PERMIT

ATTACHMENT 5
AFFECTED LANDOWNER EXHIBIT

JANUARY 2025

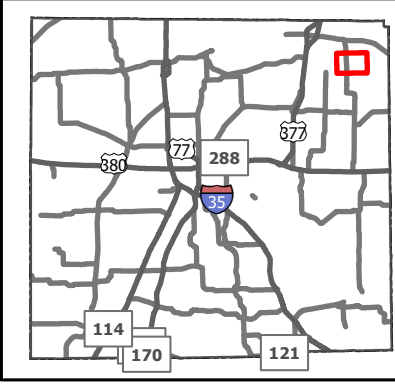
LEGEND

- POINT OF DISCHARGE
- 1-MILE DISCHARGE PATH
- APPLICANT'S PROPERTY
BOUNDARY/TREATMENT
FACILITY BOUNDARY
- AFFECTED LANDOWNERS



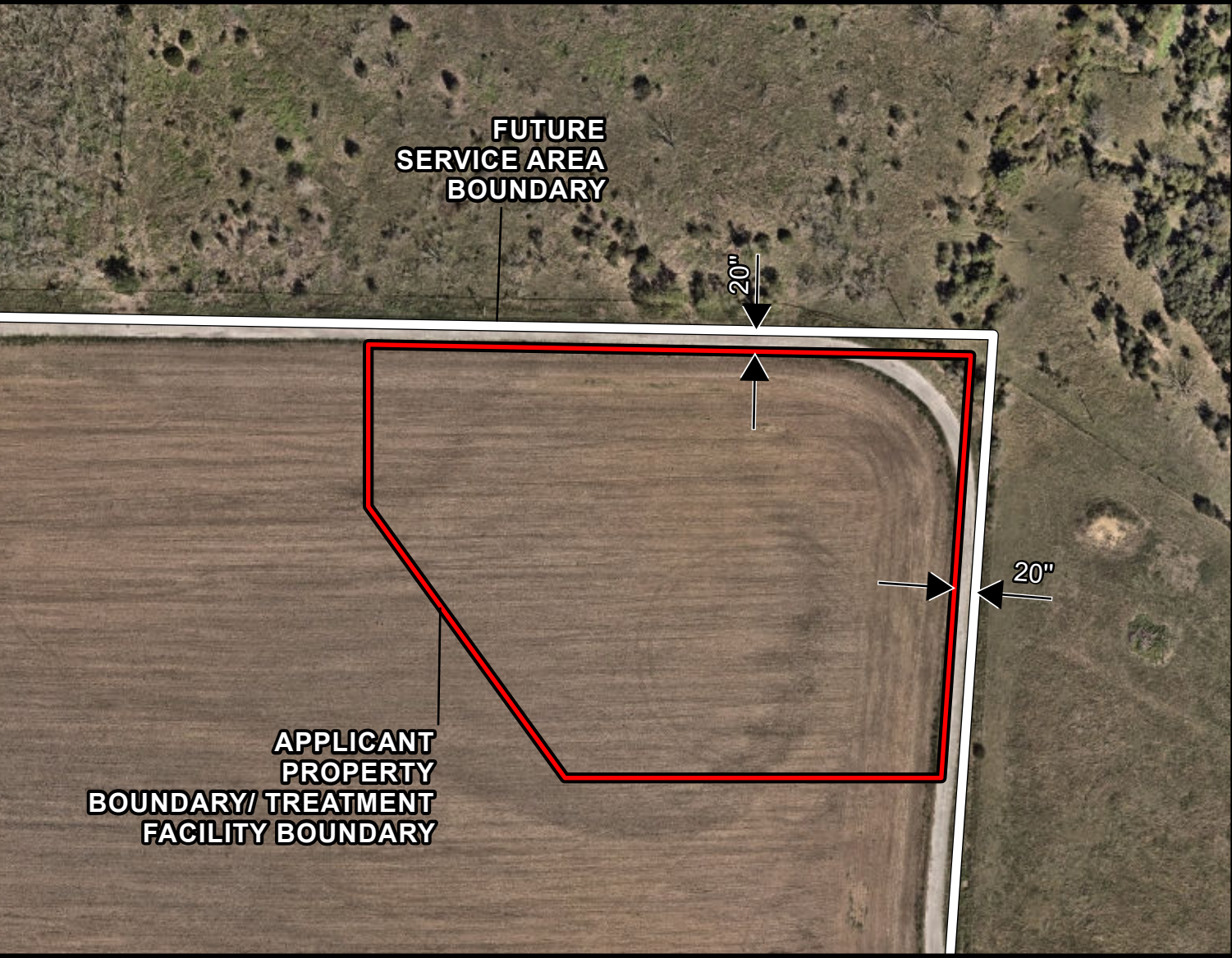
DATA SOURCE: PARCEL - DENTON COUNTY APPRAISAL DISTRICT
(OCTOBER 2024)

AERIAL PHOTOGRAPH DATE: NEARMAP 2024



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

LJA 6040 North Central Expressway Suite 400
Dallas, Texas 75206
Phone: 469.621.0710
LJA.com



1. GRBK Edgewood LLC
5501 Headquarters DR
STE 300W
Plano, TX 75024

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: Denton County MUD 7

Permit No. WQ00 N/A

EPA ID No. TX N/A

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

Approximately 0.65 miles southeast of the intersection of Farm to Market 1385 and Lights Ranch Road in Denton 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): Ms.

First and Last Name: Laura Preston

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

Title: Project Manager

Mailing Address: 6060 N Central Expy, Ste 400

City, State, Zip Code: Dallas, Texas 75206

Phone No.: 214-442-6579 Ext.: N/A Fax No.: N/A

E-mail Address: lpreston@lja.com

2. List the county in which the facility is located: Denton
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: To a man-made channel, thence to an unnamed tributary of Pecan Creek, thence south-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin.

Outfall 002: To a man-made channel, thence to an unnamed tributary of Pecan Creek, thence west-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin

Outfall 003: To an on-site storm sewer system through the development, thence to an unnamed tributary of Pecan Creek, thence south-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin.

Outfall 004: To an on-site storm sewer system through the development, thence to an unnamed tributary of Pecan Creek, thence west-southwest to Pecan Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin

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

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

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

☒ Proposed access roads, utility lines, construction easements

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

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

N/A

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

Undeveloped Land

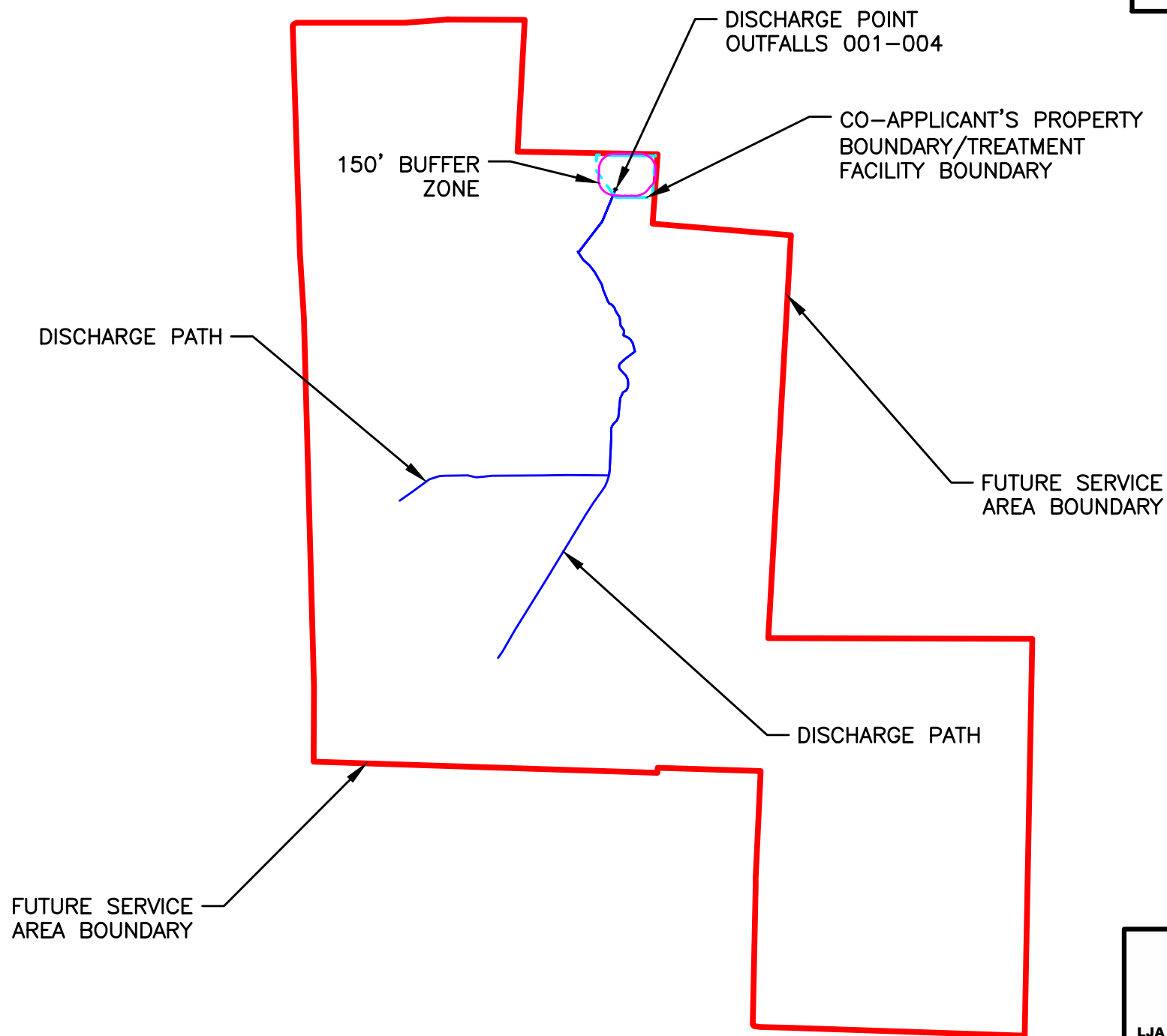
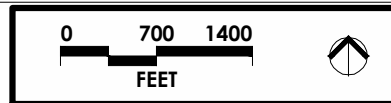
THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS

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

No existing buildings or structures are located on the property where the wastewater treatment plant is proposed.

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


The property where the wastewater treatment plant is proposed has never been developed and has generally been used for agricultural purposes.



SPIF MAP
ATTACHMENT 7
DENTON COUNTY MUD 7 WWTP

LJA Engineering, Inc.
6060 North Central Expressway
Suite 400
Dallas, Texas 75206

Phone 469.621.0710
FRN - F-1386



0 100 200
FEET



STREAM
CENTERLINE

PHOTO 1

PHOTO 2

STREAM
CENTERLINE

0 75 150
FEET



PHOTO 3

PHOTO 4

DISCHARGE
POINT

CO-APPLICANT'S PROPERTY
BOUNDARY/TREATMENT
FACILITY BOUNDARY

PHOTO LOCATION MAP

ATTACHMENT 8

DENTON COUNTY MUD 7 WWTP

LJA Engineering, Inc.

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Dallas, Texas 75206

Phone 469.621.0710

FRN - F-1386





Photo 1: Upstream of the discharge location into the unnamed stream



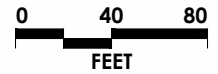
Photo 2: Downstream of the discharge location into the unnamed stream



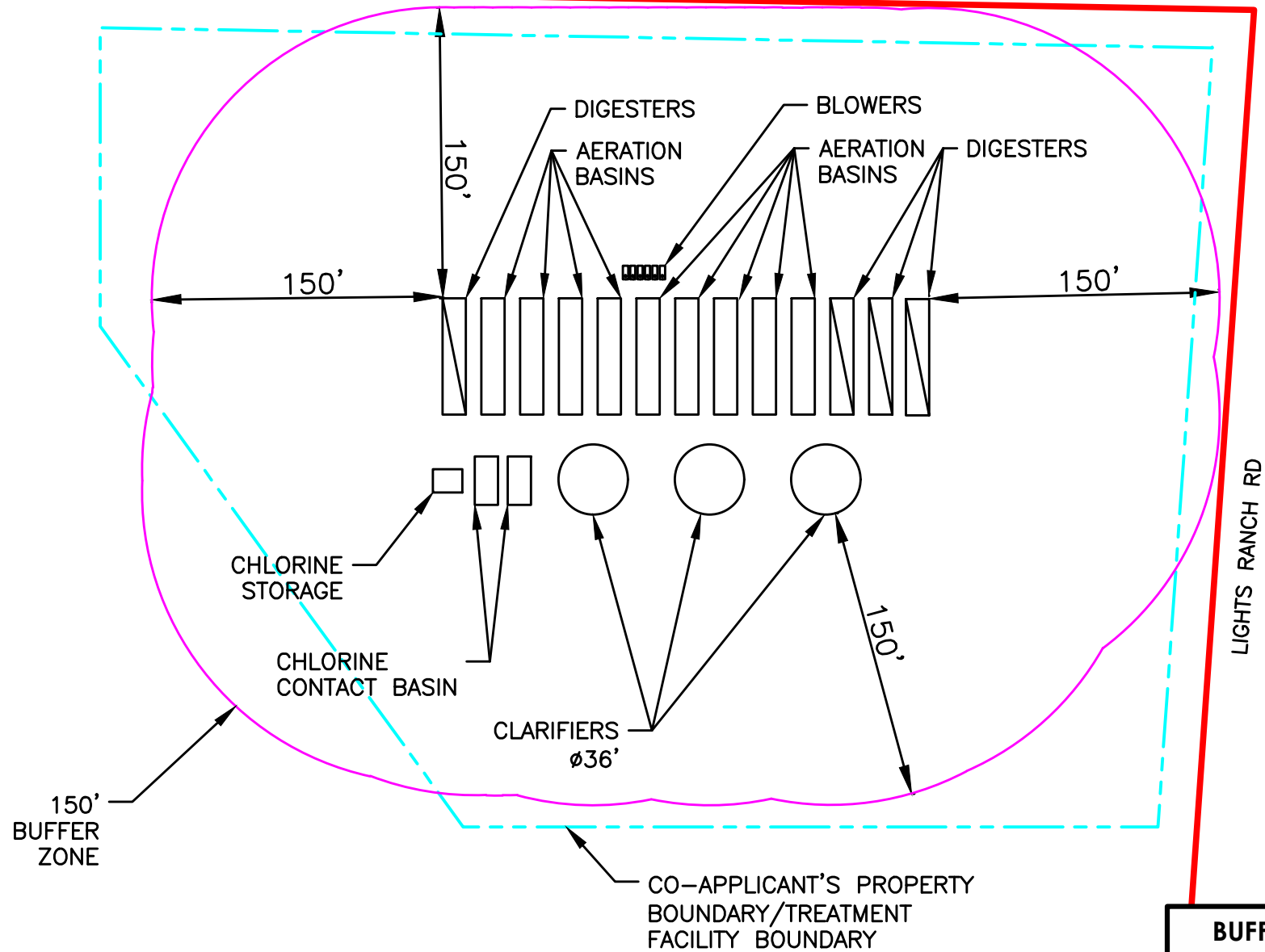
Photo 3: Area of discharge point



Photo 4: WWTP Site



LIGHTS RANCH RD



BUFFER ZONE MAP

ATTACHMENT 9

DENTON COUNTY MUD 7 WWTP

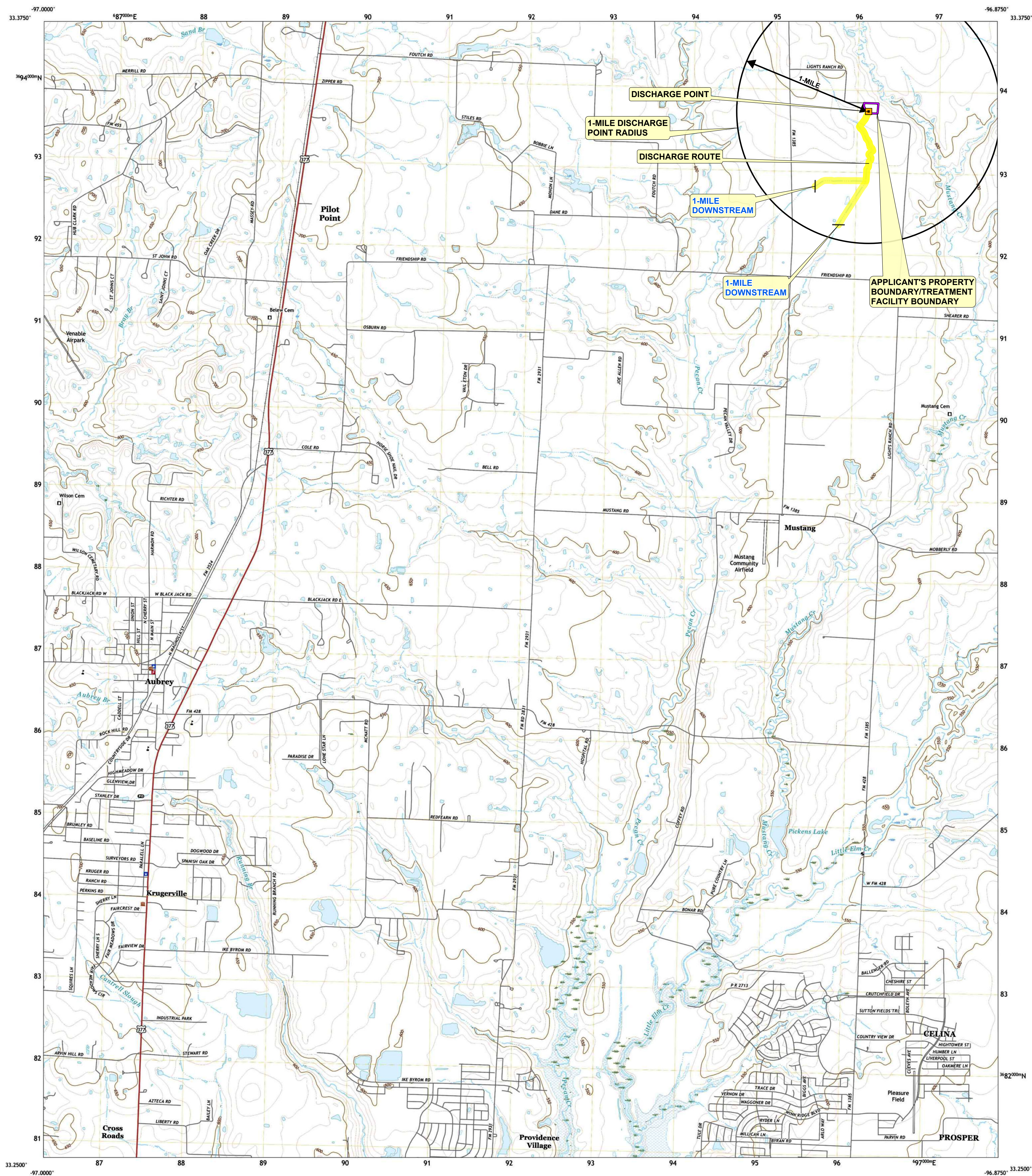
LJA Engineering, Inc.

6060 North Central Expressway
Suite 400
Dallas, Texas 75206



Phone 469.621.0710

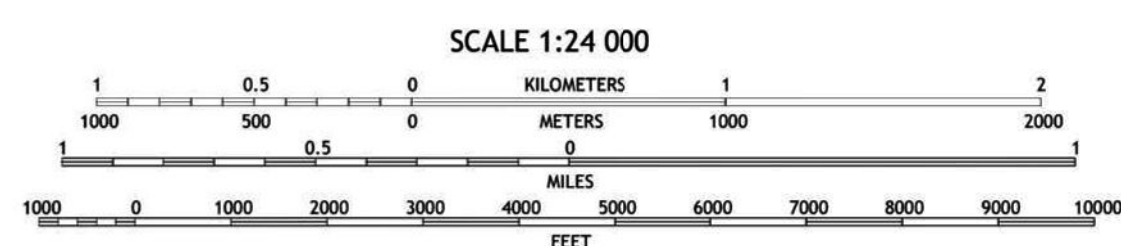
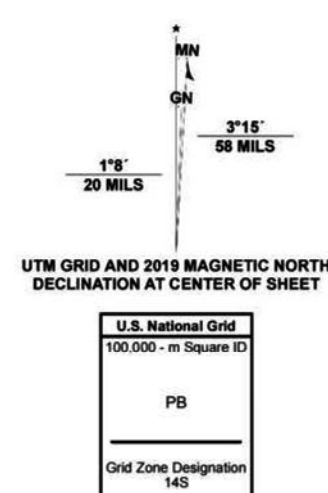
FRN - F-1386



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 North American Edition of 1983 (NAD83)
 World Geodetic System of 1984 (WGS84) Projection and
 1 000-meter grid: Universal Transverse Mercator, Zone 14S
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 reservations may not be shown. Obtain permission before
 entering private lands.

Imagery.....N.A.P., September
Names.....U.S. Census Bureau
Hydrography.....National Hydrography Data
Contours.....National Elevation
Boundaries.....Multiple sources; see metadata

Wetlands.....FWS National Wetlands Inventory



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988



This map was produced to conform with the
National Geospatial Program US Topo Product Standard.





1	2	3
4		5
6	7	8

- 1 Mountain Springs
- 2 Pilot Point
- 3 Marilee
- 4 Green Valley
- 5 Celina
- 6 Denton East
- 7 Little Elm
- 8 Frisco

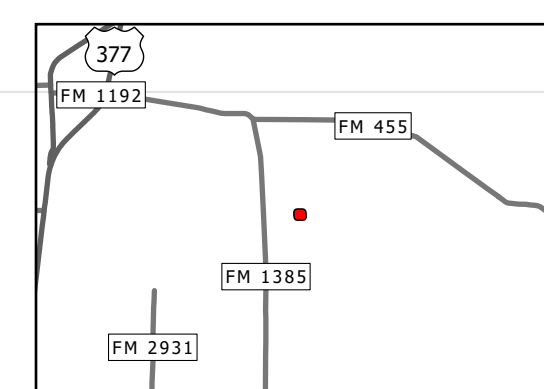
ROAD CLASSIFICATION

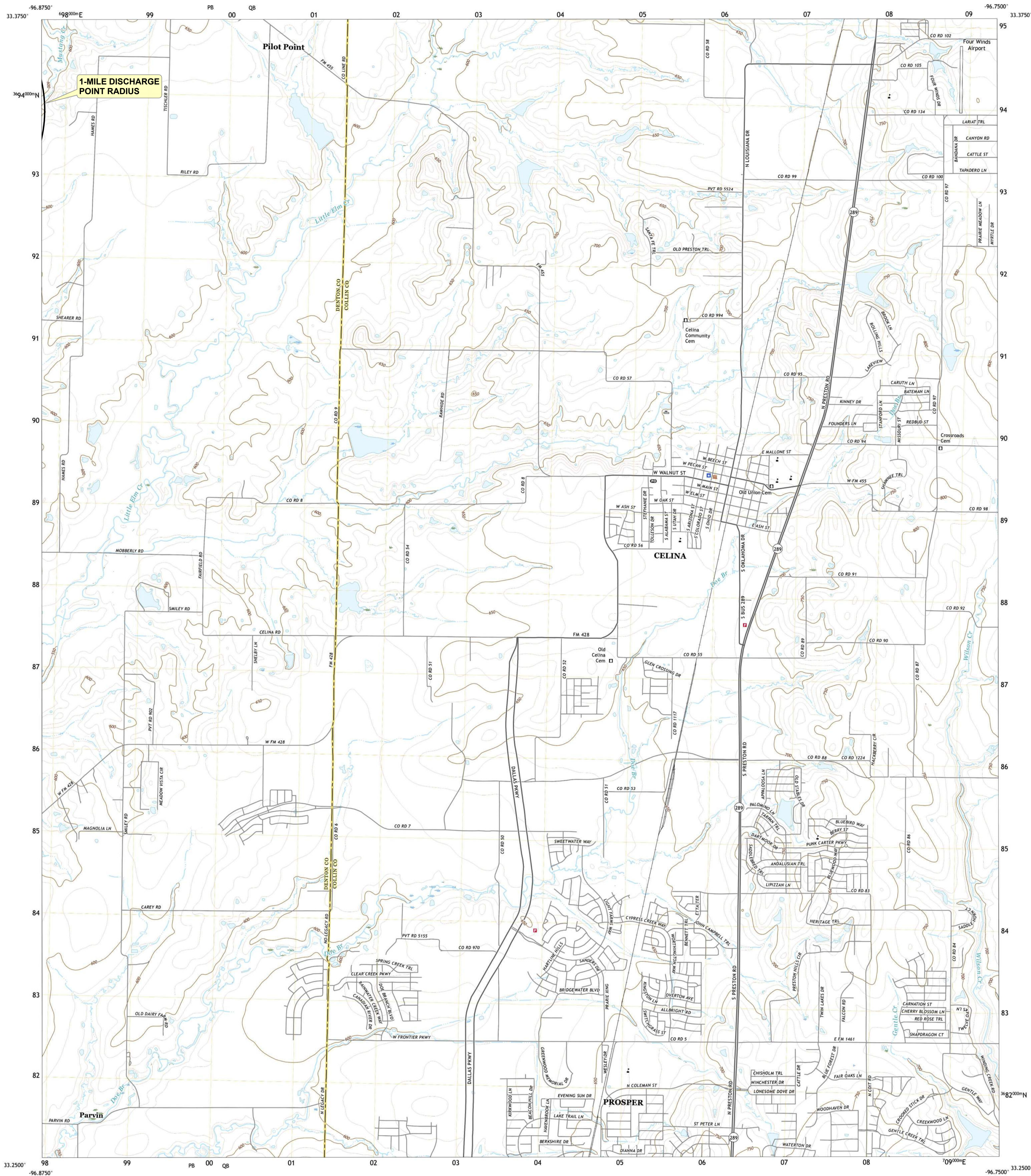
Expressway		Local Cor
Secondary Hwy		Local Roa
Ramp		4WD

 Interstate Route

 US Route

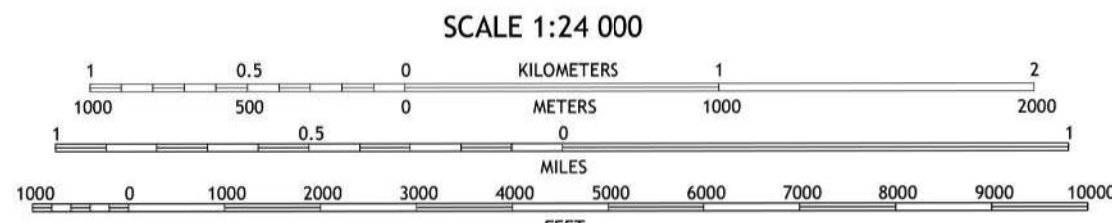
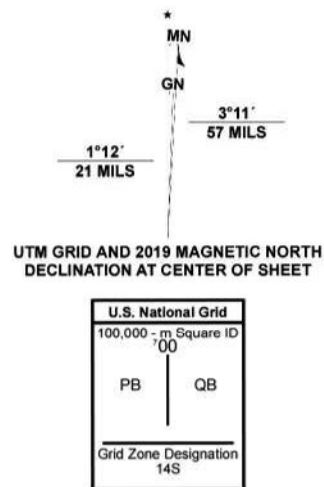
AUBREY, TX
2022





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North American Datum of 1983 (NAD83). Projection and
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Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Name.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2005
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



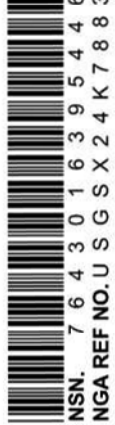
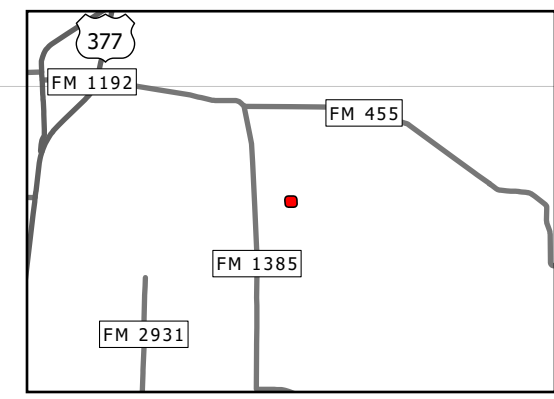
1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Pilot Point
2 Marilee
3 Gunter
4 Aubrey
5 Weston
6 Little Elm
7 Frisco
8 McKinney West



CELINA, TX
2022



ATTACHMENT 10.3

DENTON COUNTY MUD 7 WWTP
DISCHARGE PERMIT (1-MILE)
USGS TOPOGRAPHIC MAP



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Dallas, Texas 75206
Phone 469.621.0710
LJA.com

JANUARY 2025

JOB NO: NT340-0411

ATTACHMENT 11
DESCRIPTION OF THE TREATMENT PROCESS

(In reference to Domestic Technical Report 1.0, Section 2, Item A)

The treatment system includes a package plant employing the activated sludge process operating in the complete mix mode. The plant will be developed in three phases and will include two treatment trains when complete. Phase 1, Phase 2, and the Final Phase 3 will have a capacity of 0.15 MGD, 0.30 MGD, and 0.95 MGD, respectively. In the Final Phase, the plant will have a common header between the aeration basins and clarifier to allow for flexibility in plant repairs and operations. Since the chlorine contact basin will be sized for the final Phase 3, the three planned phases will have a common outfall and sampling point.

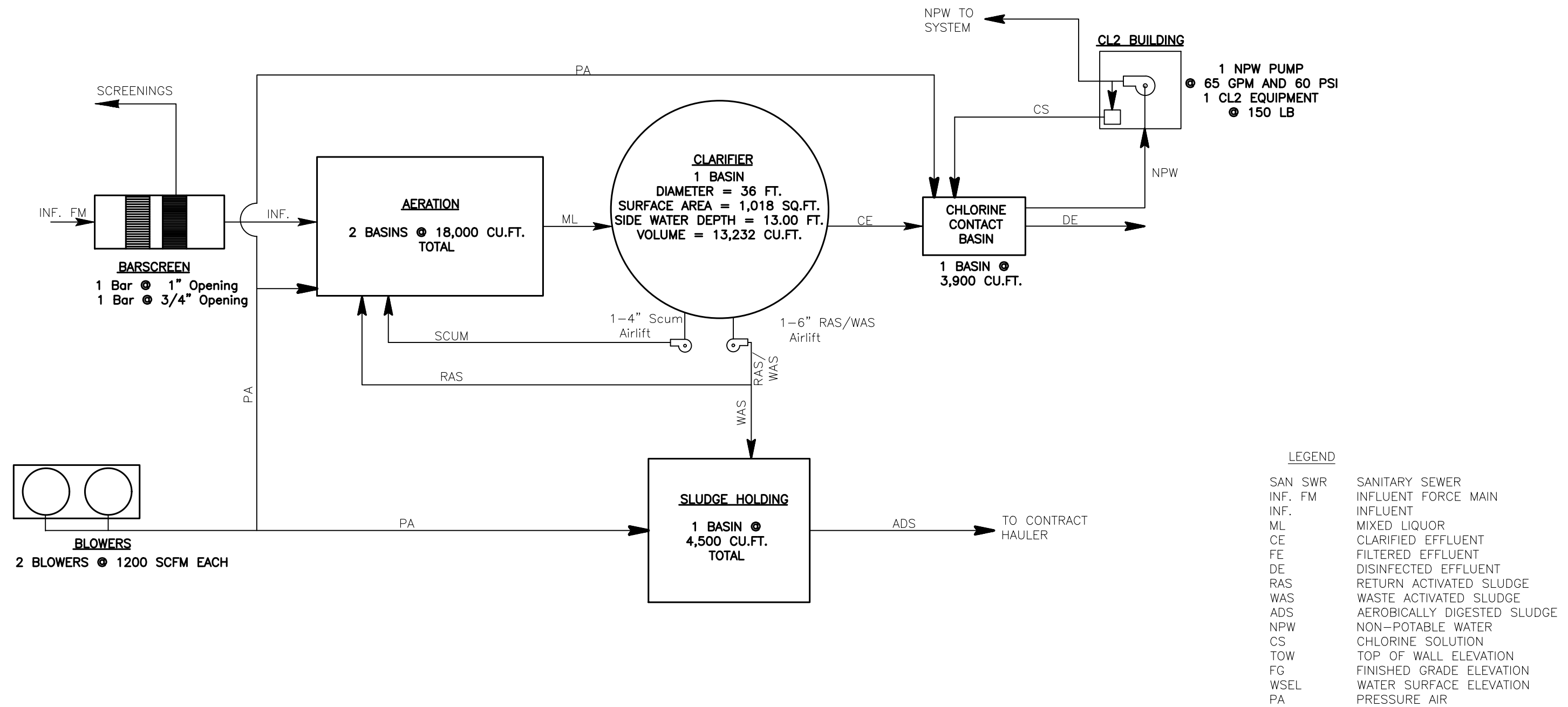
The completed treatment train will consist of steel "box car" units used for aeration and digestion. Two aeration basins, one sludge digestion basin, one 36' diameter clarifier and one chlorine contact basin will be fabricated for Phase 1. Phase 2 will include an additional aeration basin, two additional sludge digestion basins, and will utilize the Phase 1 clarifier and chlorine contact basin. The Final Phase 3 will include a total of nine aeration basins, eight sludge digestion basins, three clarifiers, two chlorine contact basins, and one 8' by 6' dechlorination basin.

Influent to this facility will be pumped from an on-site lift station to a bar screen. In the Final Phase 3, the bar screen will include a flow splitter thus splitting the influent to each bank of aeration basins. The mixed liquor from the aeration basins will flow to the clarifiers. The clarified effluent from the clarifiers will then flow to the chlorine contact basins, and the disinfected plant effluent will outfall via a 36" pipe. Sludge will be returned to the aeration basins then wasted to the digester basins via air lifts. Sludge from the digesters will be truck hauled for disposal at a registered disposal site.

Attachment No. 12			
Treatment Units	# of Units	Dimensions (L*W*D) (ft.)	
Aeration Basin	2	60*12*14	INTERIM PHASE 1 0.15 MGD
Clarifier	1	36*Dia*14	
Cl2 Contact Basin	1	25*12*14	
Aerobic Digester	1	30*12*14	
Aeration Basin	2	60*12*14	INTERIM PHASE 2 0.30 MGD
Aeration Basin	1	60*12*14	
Clarifier	1	36*Dia*14	
Cl2 Contact Basin	1	25*12*14	
Aerobic Digester	1	30*12*14	
Aerobic Digester	2	30*12*14	ULTIMATE PHASE 0.95 MGD
Aeration Basin	3	60*12*14	
Aeration Basin	6	60*12*14	
Clarifier	1	36*Dia*14	
Clarifier	2	36*Dia*14	
Cl2 Contact Basin	1	25*12*14	
Cl2 Contact Basin	1	25*12*14	
SO₂ Contact Basin	1	8*6*11	
Aerobic Digester	3	30*12*14	
Aerobic Digester	5	30*12*14	

Bolded	New processes
Shaded	Existing processes

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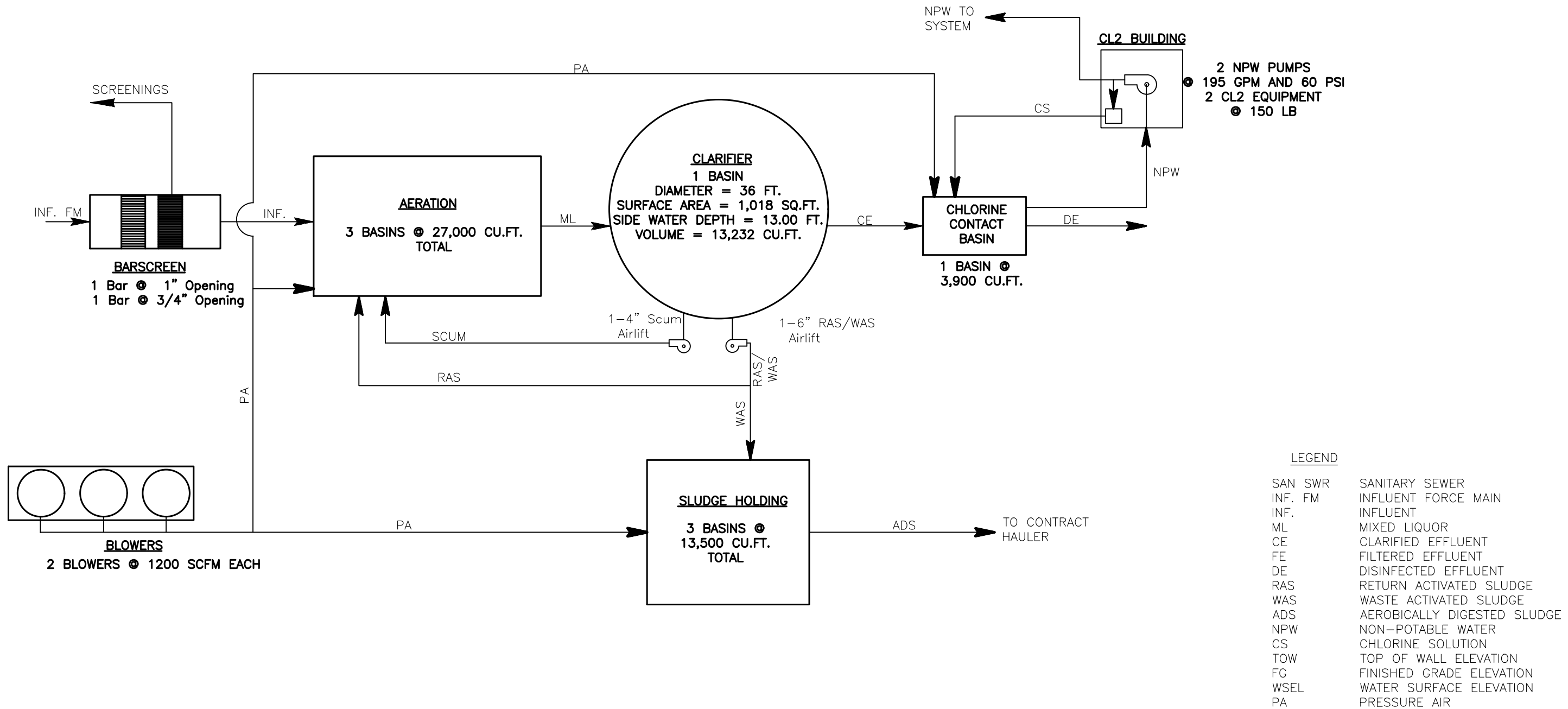
ATTACHMENT 13.1
PROCESS FLOW DIAGRAM

INTERIM PHASE 1 - 0.15 MGD

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Suite 400
Dallas, Texas 75206
Phone 469.621.0710
FRN - F-1386



Date\\Time : Fri, 07 Mar 2025 - 11:37am User Name : seasley Path\\Name : C:\\Users\\seasley\\AppData\\Local\\Temp\\AcPublish_24992\\Process Flow Diagrams.dwg



PHASE	AVG. DAILY FLOW	PEAK FLOW
PHASE 1	0.15 MGD	0.60 MGD
PHASE 2	0.30 MGD	1.20 MGD

ATTACHMENT 13.2

PROCESS FLOW DIAGRAM

INTERIM PHASE 2 - 0.30 MGD

LJA Engineering, Inc.

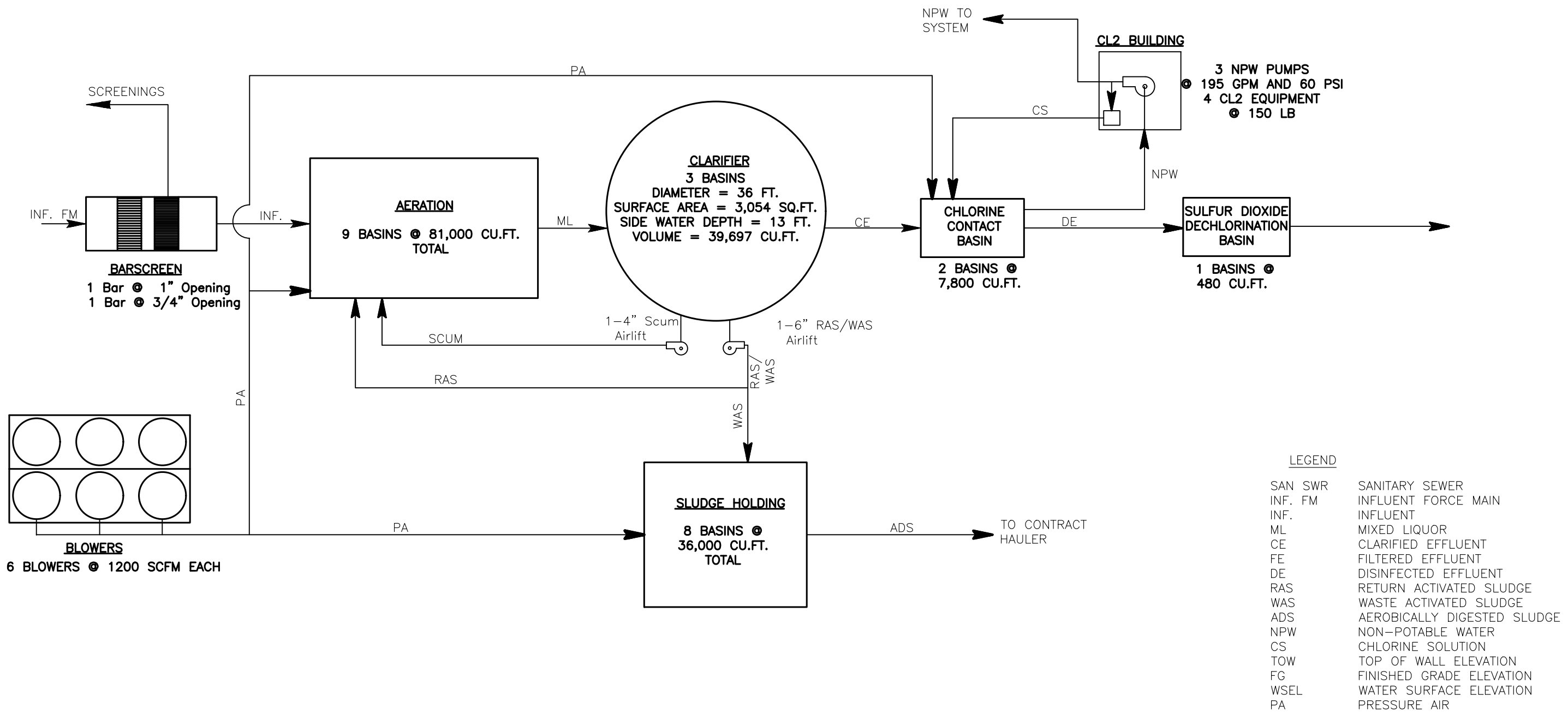
6060 North Central Expressway
Suite 400
Dallas, Texas 75206



Phone 469.621.0710

FRN - F-1386

Date\\Time : Fri, 07 Mar 2025 - 11:37am User Name : seasley Path\\Name : C:\\Users\\seasley\\AppData\\Local\\Temp\\AcPublish_24992\\Process Flow Diagrams.dwg



LEGEND

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

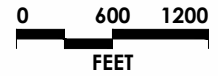
PHASE	AVG. DAILY FLOW	PEAK FLOW
PHASE I	0.15 MGD	0.60 MGD
PHASE II	0.30 MGD	1.20 MGD
PHASE III	0.95 MGD	3.80 MGD

ATTACHMENT 13.3
PROCESS FLOW DIAGRAM

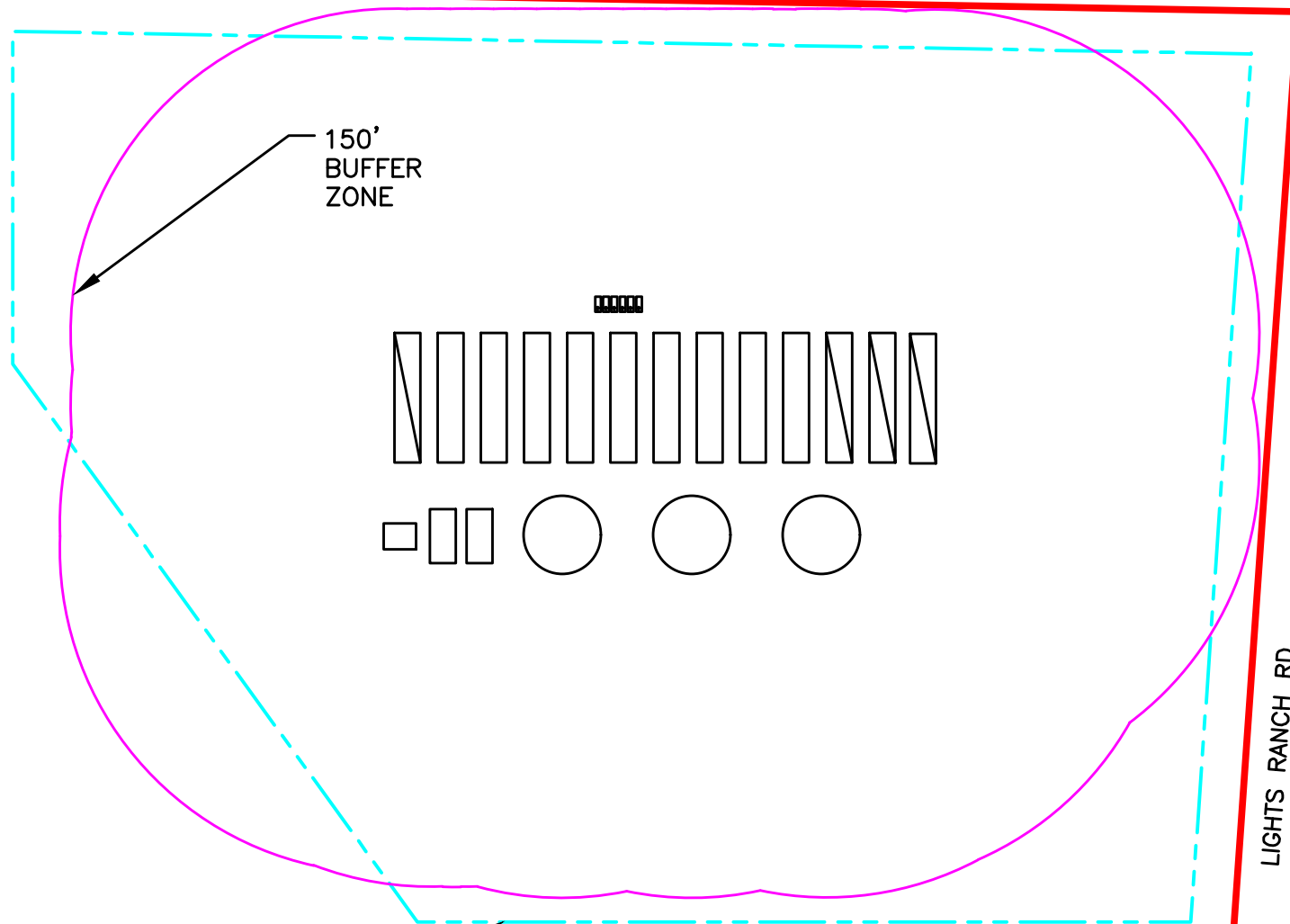
INTERIM PHASE 3 - 0.95 MGD

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6060 North Central Expressway
Suite 400
Dallas, Texas 75206
Phone 469.621.0710
FRN - F-1386





LIGHTS RANCH RD



LIGHTS RANCH RD

CO-APPLICANT'S PROPERTY
BOUNDARY/TREATMENT
FACILITY BOUNDARY

SITE DRAWING

ATTACHMENT 14

DENTON COUNTY MUD 7 WWTP

LJA Engineering, Inc.

6060 North Central Expressway
Suite 400
Dallas, Texas 75206

Phone 469.621.0710

FRN - F-1386



DENTON COUNTY
MUD 7 WWTP
DISCHARGE PERMIT

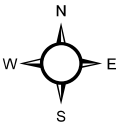
ATTACHMENT 15
NEARBY DOMESTIC PERMITTED WWTFs
NEARBY SEWER-CCN
(WITHIN 3-MILE RADIUS)

DECEMBER 2024

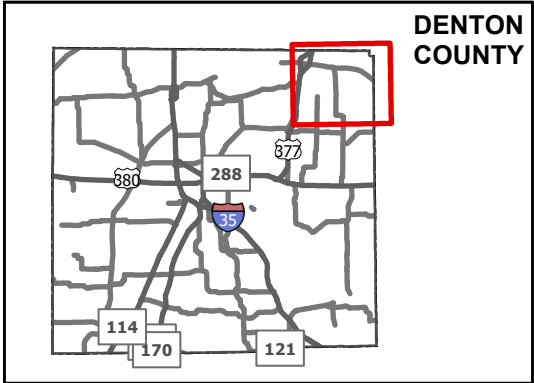
LEGEND

- POINT OF DISCHARGE
- WASTEWATER OUTFALLS
- APPLICANT'S PROPERTY
BOUNDARY/TREATMENT
FACILITY BOUNDARY
- 3-MILE RADIUS
- CCN SEWER BOUNDARIES*
- COUNTY LINE

DATA SOURCE: TCEQ OUTFALLS - UPDATED OCTOBER 2023,
CCNS - PUC



0 2,000 4,000 8,000
FEET

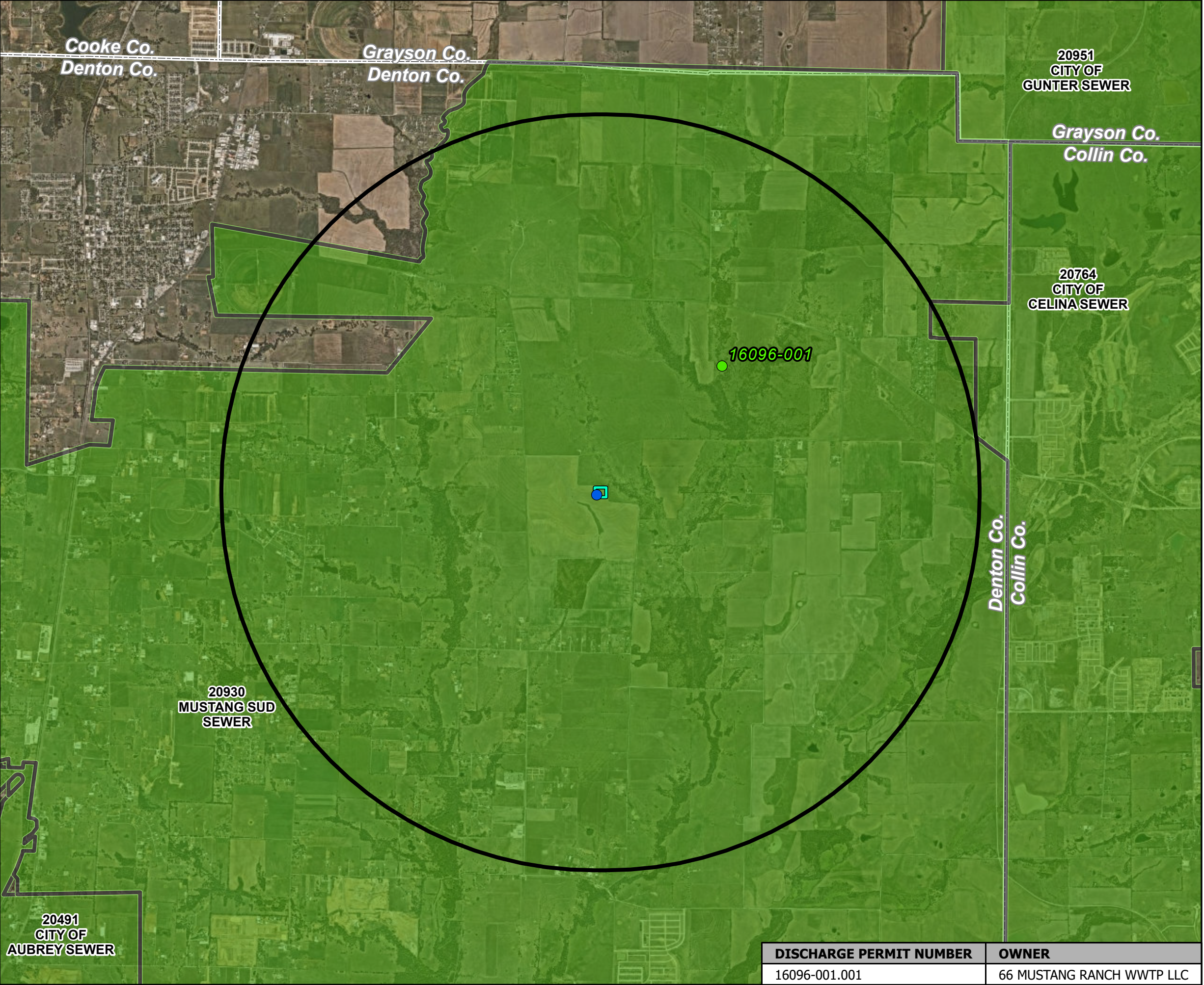


AERIAL PHOTOGRAPH DATE: NEARMAP 2023 AND 2024

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



6060 North Central Expressway Suite 400
Dallas, Texas 75206
Phone 469.621.0710
LJA.com



DISCHARGE PERMIT NUMBER	OWNER
16096-001.001	66 MUSTANG RANCH WWTP LLC



March 10, 2025

VIA CERTIFIED MAIL

66 Mustang Ranch WWTP
12400 Preston Road, Suite 100
Frisco, Texas 75033

Re: Wastewater Service Request for Denton County MUD 7 WWTP
LJA Job No. NT340-0411

To Whom It May Concern:

We are currently preparing an application for a discharge permit for the Denton County MUD 7 Wastewater Treatment Plant in Denton County. The proposed development will require 0.95 MGD of ultimate wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant or collection system within three (3) miles of our plant and identify any available capacity at those facilities. Your system is within a three (3) mile radius of our facility. Please let us know if you have the extra capacity in your facility to accommodate the required flow or are willing to expand your facility to accommodate this flow.

Please respond by indicating below on this letter if the 66 Mustang Ranch WWTP has available capacity. After you have made the required indication, please email (lpreston@lja.com) or mail the response back. We would appreciate a response within thirty (30) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Laura Preston, PE
Project Manager

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

Name: _____ Title: _____

Signature: _____ Date: _____

**See Attachment 22
for a Description of Previous Coordination
with Mustang SUD**

Project Name: Denton County MUD 7 WWTP

Attachment 17

Wastewater Treatment Plant Process Design Calculations

Project #:

WWTP Influent Flow

		Phase I	Phase II	Phase III
Average Daily Flow	gpd	150,000	300,000	950,000
Peaking Factor		4	4	4
Peak Flow	gpd	600,000	1,200,000	3,800,000
Equivalent Single Family Connections	ESFC	428	857	2,714
Water Usage per Connection	gal/ESFC	350	350	350

WWTP Organic Parameters

BOD ₅	325 mg/L			
NH ₃	70 mg/L			
BOD Loading	lbs/d	407	813	2,575

Aeration Basin Design

Process Description	Temperatures Exceed 15C			
Organic Loading Rate	35	lbs BOD5/day/1,000ft ³		
Minimum Free Board	1.5	ft		
Minimum Aeration Volume	ft ³	11,616	23,233	73,571
Number of Tanks		2	3	9
Length	ft	60	60	60
Width	ft	12	12	12
Height of Basin	ft	14.0	14.0	14.0
Calculated Side Water Depth at Peak Flow	ft	12.50	12.50	12.50
Proposed Free Board at Peak Flow	ft	1.50	1.50	1.50
Proposed Volume	ft ³	18,000	27,000	81,000

Secondary Clarifier Design

Process Description	Activated Sludge - Secondary, Enhanced Secondary, or Secondary With			
Maximum Surface Loading @ 2-hr Peak Flow	1,200	gpd/ft ²		
Minimum Detention Time	1.8	hrs		
Minimum Side Water Depth	10	ft		
Minimum Free Board	1	ft		
Maximum Weir Loading		20,000	20,000	20,000
Maximum Vertical Velocity in Stilling Well	0.15	ft/s		
Minimum Surface Area Required	ft ²	500	1,000	3,167
Number of Clarifiers		1	1	3
Diameter	ft	36	36	36
Proposed Weir Loading	gpd/lf	5,617	11,234	11,859
Height of Clarifier	ft	14.0	14.0	14.0
Calculated Side Water Depth at Peak Flow	ft	13.00	13.00	13.00
Proposed Free Board at Peak Flow	ft	1.00	1.00	1.00
Proposed Surface Area	ft ²	1,018	1,018	3,054
Proposed Volume	ft ³	13,232	13,232	39,697
Proposed Detention Time at Peak Flow	hrs	3.96	1.98	1.88
Stilling Well Diameter	ft	6.0	6.0	6.0
Proposed Stilling Well Velocity	ft/s	0.03	0.07	0.07

Chlorine Contact Basin

Minimum Contact Time	20 min
Minimum Free Board	1 ft

Number of Basins		1	1	2
Width of Tank	10 ft	12	12	12
Height of Tank	14 ft	14	14	14
Calculated Side Water Depth at Peak Flow	ft	13.00	13.00	13.00
Calculated Free Board at Peak Flow	ft	1.00	1.00	1.00
Proposed Length of Tank	32 ft	25	25	25
Proposed Volume	ft ³	3,900	3,900	7,800
Proposed Detention Time	min	70.01	35.01	22.11

Dechlorination Basin

Minimum Contact Time	20 sec
Minimum Free Board	1 ft

Number of Basins		0	0	1
Width of Tank	6 ft	6	6	6
Height of Tank	11 ft	11	11	11
Calculated Side Water Depth at Peak Flow	ft	10	10	10
Calculated Free Board at Peak Flow	ft	10	10	10
Proposed Length of Tank	8 ft	8	8	8
Proposed Volume	ft ³	0	0	480
Proposed Detention Time	sec	-	-	81.63

Aerobic Digester Design

Volatile Solids Wasted (From Solids Balance)	lbs/d	300	600	1900
TCEQ Loading Rate	200 lbs/d/1,000ft ³			

$$V = \frac{P_{x,tss}}{\text{Loading Rate}}$$

Minimum Required Volume (per TCEQ Regulations)	ft ³	1,500	3,000	9,500
Minimum Required Volume (3.5 days)		5,250	10,500	33,250
Number of Digesters		2	3	8
Width	ft	12	12	12
Height	ft	14	14	14
Freeboard	ft	1.5	1.5	1.5
Depth	ft	12.50	12.50	12.50
Length (Assumes digesters are half as long as Aeration Basins)	ft	30.00	30.00	30.00
Proposed Volume	ft ³	9,000	13,500	36,000

Chlorine Dosage Requirements

Type of Effluent	Activated Sludge			
Chlorine Concentration	8 mg/L			
Storage of Chlorine Tanks	Temperature-Controlled Enclosure			
Low Ambient Temperature	65 °F			
Required Chlorine Dosage Peak Flow	lbs/d	40	80	254
Required Chlorine Dosage Average Flow	lbs/d	10	20	63
Withdrawal Rate per 150-lb Chlorine Cylinder	65 lbs/d			
Withdrawal Rate per 1-ton Chlorine Cylinder	520 lbs/d			
Number of 150-lb Chlorine Cylinders per Bank		1	2	4
Number of 1-ton Chlorine Cylinders per Bank		0	0	0
Proposed Maximum Chlorine Withdrawal Rate		65	130	260

Dechlorination Dosage Requirements (Sulfur Dioxide)

Required Chlorine Dosage Peak Flow	lbs/d	40	80	254
Required Chlorine Dosage Average Flow		10	20	63
Ratio of Sulfur Dioxide to Chlorine	0.903			
Percent Weight of Sulfur Dioxide	100%			
SO ₂	0.0226 lbs/gal			
SO ₂ Peak	lbs/d	36.15		
Required Dosage of Sulfur Dioxide (Peak Flow)	gal/hr	67	133	422
Required Dosage of Sulfur Dioxide (Average Flow)	gal/hr	17	33	106
Number of Proposed Pumps		2	2	2
Pumping Rate Each Pump	gal/hr	10	10	10
Proposed Pump Rate (with largest pump out of service)	gal/hr	10	10	10
15 days of On-site storage	gal	5,998	11,996	37,988
Number of Proposed Tanks	2			
Proposed Volume of Each Tank	gal	250	250	250

A wastewater treatment facility with a design flow greater than or equal to 1.0 million gallons per day must have at least two chemical storage tanks for each chemical.

Air Requirements

Aeration Basins

Type of Diffuser	Coarse Bubble Diffuser			
Transfer Efficiency Factor	0.65			
Depth of Diffuser		11.50	11.50	11.50
Submergence Correction Factor		1.14	1.14	1.14
Clean Water Transfer Efficiency	8.40%			
Wastewater Transfer Efficiency	5.46%			
Aeration Oxygen Requirement	2.13 lb O ₂ /lb BOD ₅			
Aeration Airflowrate	scfm	727	1453	4602
Mixing Oxygen Requirement	20 scfm/ft ²			
Mixing Airflowrate	scfm	360	540	1620
Required Airflowrate	scfm	727	1453	4602

Aerobic Digester

Type of Diffuser	Coarse Bubble Diffuser			
Required Mixing Air Rate	20 scfm/1,000 ft ³			
Required Airflowrate	scfm	180	270	720

Chlorine Contact Basin

Effluent DO Concentration	4 mg/L			
Initial DO Concentration*	0 mg/L			
Diffuser Capacity	150%			
Required Oxygen at Peak Flow	lb O ₂ /d	20.03	40.05	126.84
Required Airflowrate	scfm	14.766	29.532	93.519
Airflowrate Required by Diffusers		22.15	44.30	140.28
Minimum Airdrops (10 scfm)		3	5	15

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

Airlifts

Amount Required	120 scfm
-----------------	----------

Total Air Requirement

Total Plant Required Air	scfm	1,041	1,873	5,535
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Blower Sizing

Blower Capacity	1200 scfm			
Blower Required		1	2	5
Blowers Proposed		2	3	6

Attachment 17
Capacity Calculations

	11/1/2026	12/1/2026	1/1/2027	2/1/2027	3/1/2027	4/1/2027	5/1/2027	6/1/2027	7/1/2027	8/1/2027 ¹	9/1/2027	10/1/2027
Year 1												
Res. Connections	0	42	84	126	168	210	252	294	336	378	420	462
Flow at 350 GPD per conn.	0	14,700	29,400	44,100	58,800	73,500	88,200	102,900	117,600	132,300	147,000	161,700
	11/1/2027	12/1/2027	1/1/2028	2/1/2028	3/1/2028	4/1/2028	5/1/2028 ²	6/1/2028	7/1/2028	8/1/2028	9/1/2028	10/1/2028
Year 2												
Res. Connections	504	546	588	630	672	714	756	798	840	882	924	966
Flow at 350 GPD per conn.	176,400	191,100	205,800	220,500	235,200	249,900	264,600	279,300	294,000	308,700	323,400	338,100
	11/1/2028	12/1/2028	1/1/2029	2/1/2029	3/1/2029	4/1/2029	5/1/2029	6/1/2029	7/1/2029	8/1/2029	9/1/2029	10/1/2029
Year 3												
Res. Connections	1008	1050	1092	1134	1176	1218	1260	1302	1344	1386	1428	1470
Flow at 350 GPD per conn.	352,800	367,500	382,200	396,900	411,600	426,300	441,000	455,700	470,400	485,100	499,800	514,500
	11/1/2029	12/1/2029	1/1/2030	2/1/2030	3/1/2030	4/1/2030	5/1/2030	6/1/2030	7/1/2030	8/1/2030	9/1/2030	10/1/2030
Year 4												
Res. Connections	1512	1554	1596	1638	1680	1722	1764	1806	1848	1890	1932	1974
Flow at 350 GPD per conn.	529,200	543,900	558,600	573,300	588,000	602,700	617,400	632,100	646,800	661,500	676,200	690,900
	11/1/2030	12/1/2030	1/1/2031	2/1/2031	3/1/2031	4/1/2031	5/1/2031	6/1/2031	7/1/2031	8/1/2031	9/1/2031	10/1/2031 ³
Year 5												
Res. Connections	2016	2058	2100	2142	2184	2226	2268	2310	2352	2394	2436	2478
Flow at 350 GPD per conn.	705,600	720,300	735,000	749,700	764,400	779,100	793,800	808,500	823,200	837,900	852,600	867,300

- | | |
|-----|--------------------------------------------------------------------|
| 1.) | 90% of phase 1 flow, Proposed Phase 2 construction begins |
| 2.) | 90% of phase 2 flow, proposed Phase 3 construction begins |
| 3.) | Full development is reached (2,500 connections), development stops |

42	ESFC per month
350	gallons per escf
11/1/2026	Date

	Flow	75%	90%
Phase 1:	150000	112500	135000
Phase 2:	300000	225000	270000
Phase 3:	950000	712500	855000

National Flood Hazard Layer FIRMMette



96°53'49"W 33°22'5"N



1:6,000

96°53'11"W 33°21'35"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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

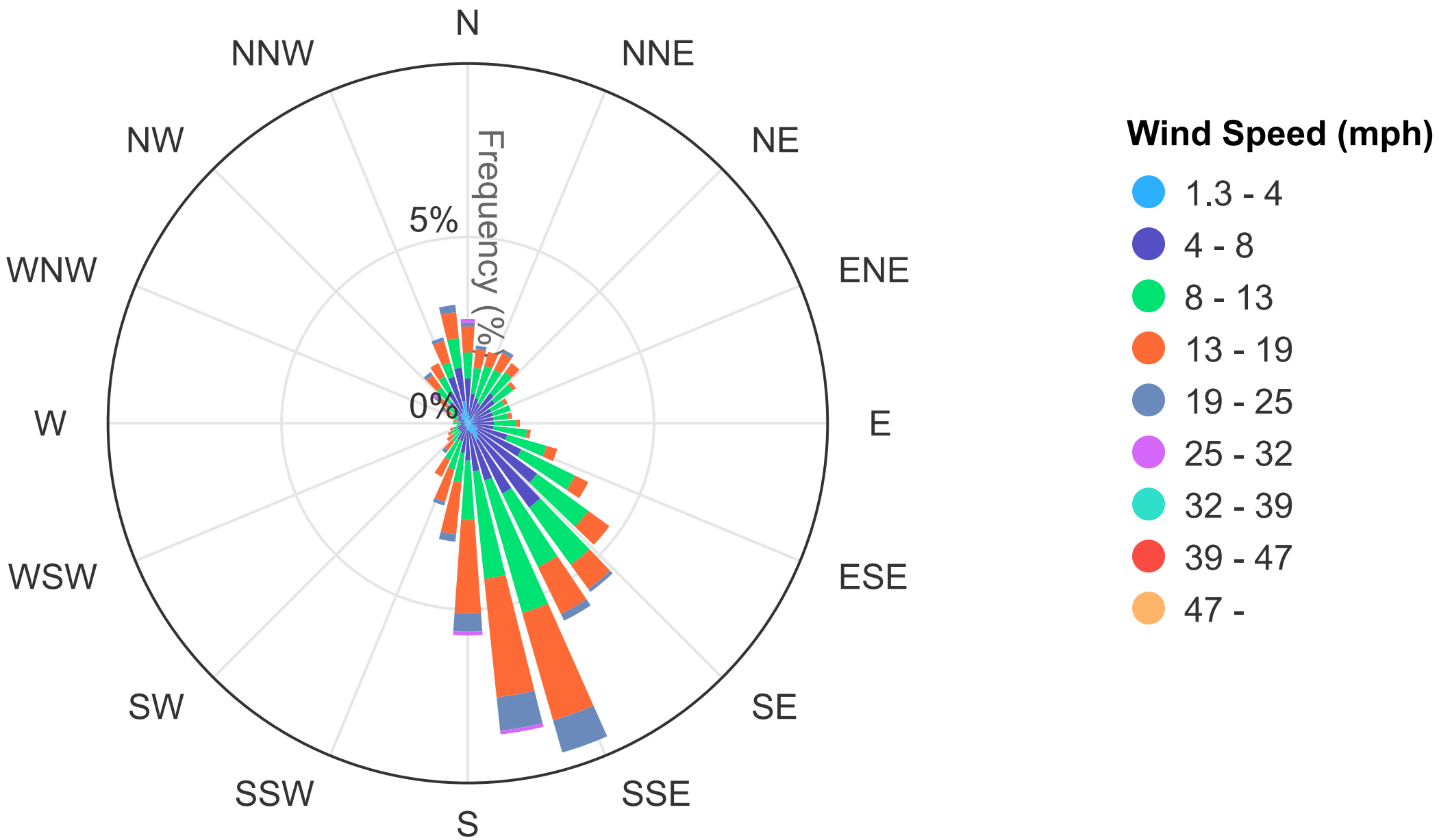
This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on **11/18/2024 at 7:39 PM** and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

DENTON MUNICIPAL AP (TX) Wind Rose

January 01, 2024 - November 18, 2024
Sub-Interval: January 1 - December 31, 0 - 24



Click and drag to zoom

ATTACHMENT - 20

Sludge Management Plan

Phase 1 - 0.15 MGD

Influent Design Flow	0.15 MGD
Influent BOD ₅ Concentration	325 mg/L
Aerobic Digester Volume	33,662 Gal
Aeration Basin MLSS	2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	407	305	203	102
Pounds (lbs) of digested dry sludge produced*	142	107	71	36
Pounds (lbs) of wet sludge produced	7115	5336	3558	1779
Gallons (Gal) of wet sludge produced	853	640	427	213

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

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

Sludge solids will be stabilized in the digester

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

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	5	6	9	19

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

The calculated mean cell residence time (MCRT) for the digester storage volume of 33662.34 gal will be approximately 39 days at 100% capacity and annual average digested sludge produced of 142 ppd.

ATTACHMENT - 20
Sludge Management Plan
Phase 2 - 0.30 MGD

Influent Design Flow	0.3 MGD
Influent BOD ₅ Concentration	325 mg/L
Aerobic Digester Volume	100,987 Gal
Aeration Basin MLSS	2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	813	610	407	203
Pounds (lbs) of digested dry sludge produced*	285	213	142	71
Pounds (lbs) of wet sludge produced	14230	10673	7115	3558
Gallons (Gal) of wet sludge produced	1706	1280	853	427

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

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

Sludge solids will be stabilized in the digester

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

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	7	9	14	28

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

The calculated mean cell residence time (MCRT) for the digester storage volume of 100987.02 gal will be approximately 59 days at 100% capacity and annual average digested sludge produced of 285 ppd.

<p align="center">ATTACHMENT - 20</p> <p align="center">Sludge Management Plan</p> <p align="center">Phase 3(Ultimate) - 0.95 MGD</p>

Influent Design Flow	0.95 MGD
Influent BOD ₅ Concentration	325 mg/L
Aerobic Digester Volume	269,299 Gal
Aeration Basin MLSS	2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	2575	1931	1287	644
Pounds (lbs) of digested dry sludge produced*	901	676	451	225
Pounds (lbs) of wet sludge produced	45062	33797	22531	11266
Gallons (Gal) of wet sludge produced	5403	4052	2702	1351

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

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

Sludge solids will be stabilized in the digester

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

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

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

The calculated mean cell residence time (MCRT) for the digester storage volume of 269298.72 gal will be approximately 49 days at 100% capacity and annual average digested sludge produced of 901 ppd.

ATTACHMENT – 21
Justification for Proposed Facility

The proposed facility will allow Denton County MUD 7 (the MUD) to treat the wastewater generated within the boundaries of the MUD. Construction for the proposed 0.95 MGD capacity facility will serve the proposed single-family development at full buildout.

There is no existing sanitary sewer collection infrastructure in place in the proposed area of development or in the near vicinity of the service area. Although the MUD lies entirely within Mustang Special Utility District's CCN, the MUD is entitled to provide retail wastewater service (including treatment) within the boundaries of the MUD pursuant to written agreement between Mustang and the MUD. Regardless, coordination with Mustang for service was initiated in July 2024. By letter dated September 4, 2024 (the "feasibility Letter") (attached hereto as attachment 22), Steger Bizzell (engineer for Mustang) outlined the required improvements for Mustang to provide service to the MUD. The proposed improvements include at least 3 miles of oversized offsite wastewater interceptor to convey wastewater to a proposed Maverick Farms Water Reclamation Plant (the "MFWRP"). However, the MFWRP is currently not operational, designed, nor fully permitted, and Mustang is unable to provide any commitments regarding when service can be made available to the MUD. Although there is a pending TPDES permit (WQ0016556001) at the location of the MFWRP indicated in the Feasibility Letter, the pending permit requests an ultimate discharge capacity of only 0.90 MGD, which is less than the total ultimate capacity of 0.95 MGD requested in this discharge permit application. As such, it is unclear whether the MFWRP will have enough capacity to provide service to the MUD, in addition to the other developments in that area that are to be served through that facility. Due to the uncertain nature of the MFWRP operation timeline (including a permit which has not been issued), the limitations on capacity at MFWRP, and the cost associated with a long run of offsite line, this permit application is justified and necessary to provide a reasonable and economical alternative for wastewater service to the MUD.



September 4, 2024

Ms. Emily Simon
Development Coordinator Manager
Mustang Special Utility District
7985 FM 2931
Aubrey, TX, 76227

Re: Request for Domestic Water, Fire Flow and Wastewater Feasibility Study
DCM7 – Single Family Residential
Brad Williams, GRBK Edgewood, LLC

Ms. Simon:

We have conducted an engineering review and feasibility study of the applicable sector of the MSUD system to determine if sufficient facilities and capacity exist to appropriately serve the referenced proposed development without adversely impacting MSUD's system or if additional infrastructure improvements are required. The review/study is based on a simulated hydraulic analysis with parameters in compliance with TCEQ rules and regulations and AWWA standards. It also addresses city limits, ETJs, CCN, 100-year flood plain, etc., as per MSUD policies.

The development properties consist of 615.62 acres located out of the M. University Survey (Abstract Number 799) on the east side of FM 1385 and northeast of the intersection of FM 1385 and Friendship Road in Pilot Point, Texas. Denton County Central Appraisal District refers to the property with Parcel ID 41302, owned by Tollway West Point 1385 LP & Coit Main Redemption LLC. The property is within the Pilot Point extraterritorial jurisdiction (ETJ). The property is completely within the MSUD certificated water service area as per CCN No. 11856, and certified sewer service area as per CCN No. 20930 on file with Public Utility Commission of Texas.

FEMA Flood Insurance Rate Map # 48121C0260G, dated April 18, 2011, depicts no portion of the property to be in a special flood hazard area.

The feasibility request indicates that the property will be developed into 2,000 single-family residential lots. Demand is calculated as 2,000 total Living Unit Equivalents (LUEs), assuming 1 LUE per lot. The Utility Evaluation Application indicates a fire flow requirement of 1,000 GPM for a duration of 1 hour.

Domestic Water and Fire Flow

MSUD has an existing 24-inch on the south side of Mobberly Road, approximately 0.25 miles east of the intersection of FM 1385 and Mobberly Road. To provide service, the developer shall connect to this existing water line and construct a minimum 12-inch (oversize to 24-inch) water line west to the intersection of Lights Ranch Road. From here, the water line will reduce to a minimum 12-inch (oversize to 18-inch) water line and extend north along Lights Ranch Road, terminating at the northern end of the proposed development. Additionally, the developer shall be required to provide one (1) 3-acre site and one (1) 2-acre site within the development for the construction of new public water wells and storage facilities. MSUD shall design, permit and construct these facilities, however the developer shall be responsible for all costs associated with these activities.

ADDRESS

1978 S. AUSTIN AVENUE | GEORGETOWN, TX 78626

PHONE

512.930.9412

FAX

512.930.9416

WEB

STEGERBIZZELL.COM

TEXAS REGISTERED ENGINEERING FIRM F-181

SERVICES

>> ENGINEERS

>> PLANNERS

>> SURVEYORS

Page 2

Based on USGS datum, the property's natural ground elevations vary from approximately 612 to 652 feet above MSL. Based on MSUD's applicable pressure plane for this area (798' Houlihan Pressure Plane), static pressure for this area will be approximately 63 to 80 to psi.

The existing and proposed water lines will have sufficient capacity to provide the requested domestic water and fire flow service. Dynamic residual pressures at peak demand will comply with TCEQ rules and regulations. Existing MSUD customers in the area will not have a decrease in pressures that would cause non-compliance with TCEQ standards.

Wastewater

Using MSUD's wastewater design values of 250 gpd average and 1,000 gpd peak per LUE, this development is expected to produce an average of 500,000 gallons and a peak of 2,000,000 gallons of wastewater per day. The nearest point of adequate point of service is the proposed Maverick Farms Water Reclamation Plant (WRP) located approximately 3 miles southwest of the development. The development shall be required to design and construct the necessary wastewater infrastructure to support the development and discharge to the WRP indicated above. The development shall not be able to put flows into the system until the WRP is completed and online. There is currently no schedule available for the completion of the WRP.

The attached Preliminary Service Map provides an illustration of the above-referenced service provisions. Please note that all public water and/or wastewater lines shall be constructed within exclusive MSUD Utility Easements. These easements shall be provided either by plat or by separate instrument. The developer shall be responsible for the coordination and acquisition of these easements. Additionally, MSUD may, at their discretion, upsize the facilities indicated above to support future growth in the area. Any upsize requirement will be defined and quantified in the Non-Standard Agreement prepared by MSUD.

We recommend a 90-day limit apply for this review from the date of this letter. It should be noted that MSUD's providing service to this subdivision shall be contingent upon the developer's compliance with all relevant Federal, State and County rules and regulations as per MSUD's rate order.

Feel free to contact our office if there are any questions and please advise if we may be of further assistance.

Respectfully,



Samuel H. Davis, P.E.

Attachments: Preliminary Service Map

Cc: Chris Boyd, Mustang SUD General Manager
Ken Skillman, Mustang SUD District Engineer

Mustang Special Utility District
21778.365 DCM7 Feasibility Letter

Steger Bizzell Proj. No. 21778.365

Preliminary Service Map

21778.365 DCM7



2 mi

PROPOSED 12" SEWER COLLECTOR
FOR SERVICE TO FUTURE
DEVELOPMENT AREAS
(APPROX. LOCATION SHOWN)

BEGIN PROPOSED 8" SEWER LINE
(UPSIZE TO 21")
(APPROX. LOCATION SHOWN)

BEGIN PROPOSED 12" WATER LINE
(OVERSIZE TO 18")
(APPROX. LOCATION SHOWN)

PROPOSED 8" SEWER LINE
(UPSIZE TO 27")
(APPROX. LOCATION SHOWN)

CONNECT TO PROPOSED
MAVERICK FARMS WRP
(APPROX. LOCATION SHOWN)

PROPOSED
DEVELOPMENT

PROPOSED 12" WATER LINE
(OVERSIZE TO 18")
(APPROX. LOCATION SHOWN)

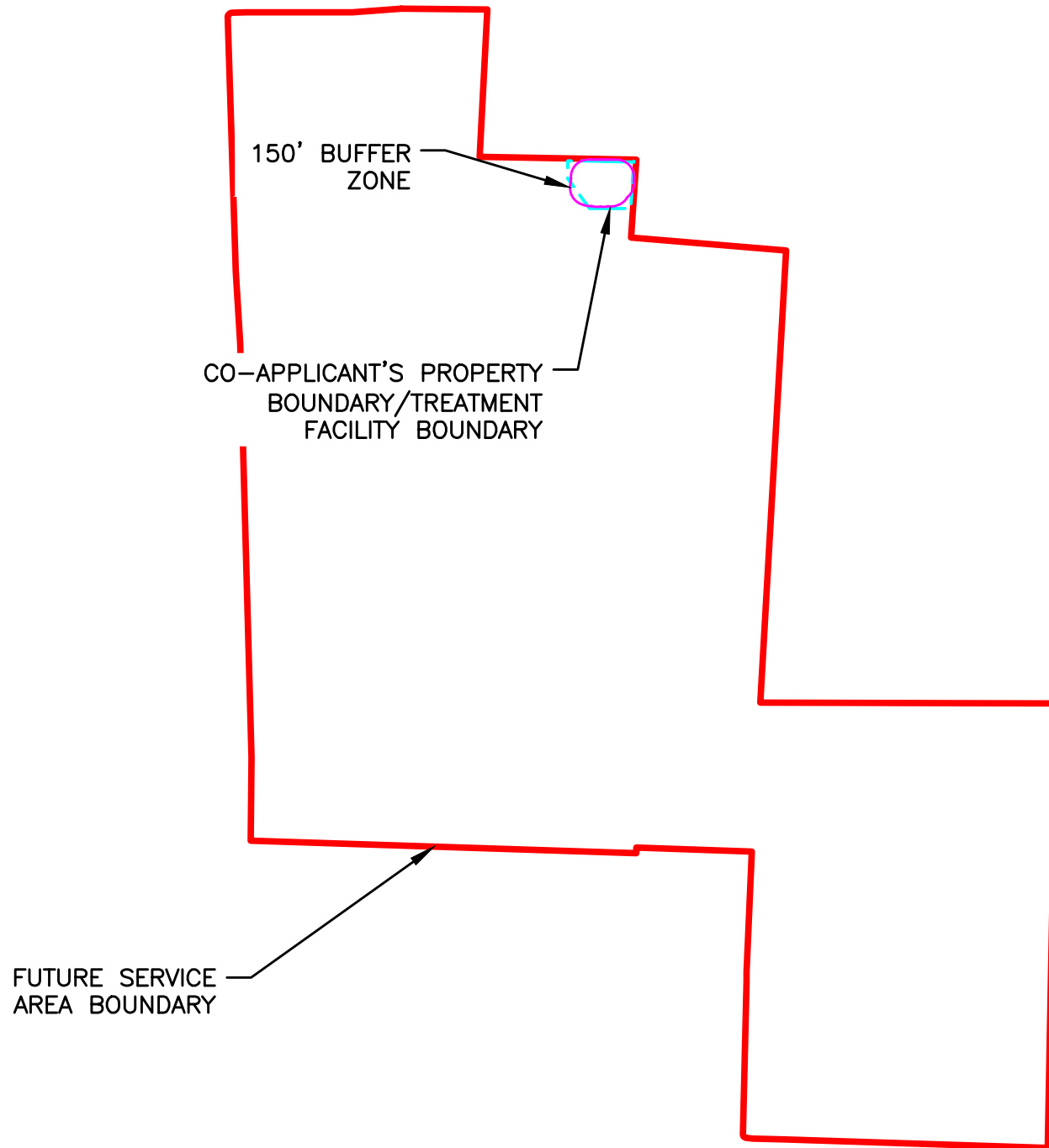
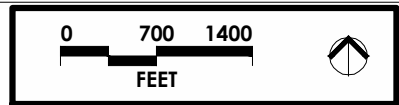
PROPOSED 12" WATER LINE
(OVERSIZE TO 18")
(APPROX. LOCATION SHOWN)

BEGIN PROPOSED 12" WATER LINE
(OVERSIZE TO 24") CONNECT TO
EXISTING 24" WATER LINE
(APPROX. LOCATION SHOWN)

Google Earth

Image © 2024 Airbus


STEGER BIZZELL



SERVICE AREA MAP
ATTACHMENT 23
DENTON COUNTY MUD 7 WWTP

LJA Engineering, Inc.
6060 North Central Expressway
Suite 400
Dallas, Texas 75206

Phone 469.621.0710
FRN - F-1386



GB878 LLC

DCMUD 7 WWTP

Landowner Labels

Permit Number: TBD (New Permit)

See next page for Landowner Labels

GRBK EDGEWOOD LLC
5501 HEADQUARTERS DR
STE 300W
PLANO TX 75024

Leah Whallon

From: Sally Easley <seasley@lja.com>
Sent: Tuesday, March 25, 2025 8:46 AM
To: Leah Whallon; Laura Preston
Cc: 0411 - Denton Co 662 Acres
Subject: RE: Application for Proposed Permit No. WQ0016751001; Denton County Municipal Utility District No. 7 and GB878 LLC
Attachments: WQ0016751001 Municipal Discharge New Spanish NORI.docx; WQ0016751001 DCMUD 7 WWTP TCEQ Response Letter.pdf

Follow Up Flag: Follow up
Flag Status: Flagged

Ms. Whallon,

Please find an attached response to this Notice of Deficiency.
The Spanish NORI as a word document is also attached.

Thank you for all of your help,

Sally Easley
Graduate Engineer

LJA Engineering | We seek solutions.
● [2150 S Central Expressway, Suite 300, McKinney, Texas 75070](#)
P: 214.620.2778 |
[LJA.com](#)
[Facebook](#) • [Twitter](#) • [LinkedIn](#)

[#4 Top Workplaces USA 2022](#)



From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Friday, March 21, 2025 11:52 AM
To: Laura Preston <lpreston@lja.com>
Cc: Sally Easley <seasley@lja.com>
Subject: Application for Proposed Permit No. WQ0016751001; Denton County Municipal Utility District No. 7 and GB878 LLC

[EXTERNAL EMAIL]

Good Afternoon,

Please see the attached Notice of Deficiency letter dated March 21, 2025 requesting additional information needed to declare the application administratively complete. Please send the complete response by April 4, 2025.

Please let me know if you have any questions.

Thank you,



Leah Whallon

Texas Commission on Environmental Quality

Water Quality Division

512-239-0084

leah.whallon@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at

www.tceq.texas.gov/customersurvey

[EXTERNAL EMAIL] Exercise caution. Do not open attachments or click links from unknown senders or unexpected email

March 25, 2025

Via Email to:
leah.whallon@tceq.texas.gov

Re: Response Letter for Case No. WQ0016751001
Denton County MUD 7 WWTP
LJA Job No. NT340-0411

Dear Ms. Whallon:

In response to TCEQ comments dated March 21, 2025, we have addressed your comments as follows.

1. The following is a portion of the NORI which contains information relevant to your application. Please read it carefully and indicate if it contains any errors or omissions. The complete notice will be sent to you once the application is declared administratively complete.

APPLICATION. Denton County Municipal Utility District No. 7 and GB878 LLC, 16000 Dallas Parkway, Suite 350, Dallas, Texas 75248, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016751001 (EPA I.D. No. TX0147621) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 950,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.65 miles southeast of the intersection of Lights Ranch Road and Farm-to-Market Road 1385, near the city of Pilot Point, in Denton County, Texas 76258. The discharge route will be from the plant site to an unnamed tributary, thence to Pecan Creek, thence to Lewisville Lake (complete route description pending RWA review). TCEQ received this application on March 11, 2025. The permit application will be available for viewing and copying at Pilot Point Community Library, 324 South Washington Street, Pilot Point, in Denton 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=-96.8919,33.365072&level=18>

Further information may also be obtained from Denton County Municipal Utility District No. 7 and GB878 LLC at the address stated above or by calling Ms. Laura Preston, PE, LJA Engineering, Inc., at 214-442-6579.

Response: No changes are needed in this portion of the NORI.

APPLICATION. Denton County Municipal Utility District No. 7 and GB878 LLC, 16000 Dallas Parkway, Suite 350, Dallas, Texas 75248, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016751001 (EPA I.D. No. TX0147621) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 950,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.65 miles southeast of the intersection of Lights Ranch Road and Farm-to-Market Road 1385, near the city of Pilot Point, in Denton County, Texas 76258. The discharge route will be from the plant site to an

unnamed tributary, thence to Pecan Creek, thence to Lewisville Lake (complete route description pending RWA review). TCEQ received this application on March 11, 2025. The permit application will be available for viewing and copying at Pilot Point Community Library, 324 South Washington Street, Pilot Point, in Denton 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=-96.8919,33.365072&level=18>

Further information may also be obtained from Denton County Municipal Utility District No. 7 and GB878 LLC at the address stated above or by calling Ms. Laura Preston, PE, LJA Engineering, Inc., at 214-442-6579.

2. The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

Response: The completed Spanish NORI in Microsoft Word is included as an attachment to the email to which this response letter is attached. A pdf version is also included as an attachment to this response letter.

If you have any questions or require additional information, please contact me at 214.442.6579. We trust this additional information will allow further review and processing for approval.

Sincerely,



Laura Preston
Project Manager

LP/se

Enclosures:
Completed Spanish NORI (as a pdf and a word document)

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. WQ0016751001

SOLICITUD. Denton County Municipal Utility District No. 7 and GB878 LLC, 16000 Dallas Parkway, Suite 350, Dallas, Texas 75248 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016751001 (EPA I.D. No. TX 0147621) 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 950,000 galones por día. La planta está ubicada 0.65 millas al sudeste de la intersección de Lights Ranch Road y Farm-to-Market Road 1385 cerca de la ciudad de Pilot Point en el Condado de Denton, Texas 76258. La ruta de descarga es del sitio de la planta a un afluente sin nombre, de allí a Pecan Creek, de allí al lago Lewisville. La TCEQ recibió esta solicitud el 11 de marzo de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Pilot Point Community Library, 324 South Washington Street, Pilot Point, en el Condado de Denton antes de la fecha de publicación de este aviso en el periódico. 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=-96.8919,33.365072&level=18>

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

TCEQ.

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 Denton County Municipal Utility District No. 7 and GB878 LLC a la dirección indicada arriba o llamando a Ms. Laura Preston, P.E., LJA Engineering, Inc., al 214-442-6579.

Fecha de emisión _____ *[Date notice issued]*

Leah Whallon

From: Mimi Wallace
Sent: Thursday, March 27, 2025 11:00 AM
To: Laura Preston
Cc: Leah Whallon
Subject: RE: DCMUD 7_16751-001

Revised route:

via Outfalls 001 and 002 to a man-made channel, thence to unnamed tributary 1, thence to Pecan Creek; and via Outfalls 003 and 004 to an on-site sewer drain, thence to unnamed tributary 2, thence to Pecan Creek; thence all outfalls to Lewisville Lake (0823).

From: Laura Preston <lpreston@lja.com>
Sent: Wednesday, March 26, 2025 4:32 PM
To: Mimi Wallace <mimi.wallace@tceq.texas.gov>
Cc: Sally Easley <seasley@lja.com>; 0411 - Denton Co 662 Acres <NTX0411@lja.com>
Subject: RE: DCMUD 7_16751-001

Mimi – yes, there are two discharge routes, but they both ultimately end in Pecan Creek.

I agree with your discharge route description.

Reach out if you have additional questions.

Thanks,

LAURA PRESTON, P.E. | Project Manager

Public Infrastructure

O: 214.442.6579 | C: 325.668.2952

6060 N Central Expy, Suite 400, Dallas, Texas 75206

EMPLOYEE-OWNED. CLIENT FOCUSED.

www.lja.com

From: Mimi Wallace <mimi.wallace@tceq.texas.gov>
Sent: Tuesday, March 25, 2025 10:42 AM
To: Laura Preston <lpreston@lja.com>
Subject: DCMUD 7_16751-001

[EXTERNAL EMAIL]

Hello Laura,

The submitted USGS map shows two different discharge routes. The description indicate the same discharge route to Pecan Creek & 0823.

=====

Outfall 001: To a man-made channel, thence to an unnamed tributary of Pecan Creek, thence south- southwest to Pecan Creek, thence to Lewisville Lake.

Outfall 002: To a man-made channel, thence to an unnamed tributary of Pecan Creek, thence west[1]southwest to Pecan Creek, thence to Lewisville Lake.

Outfall 003: To an on-site storm sewer system through the development, thence to an unnamed tributary of Pecan Creek, thence south-southwest to Pecan Creek, thence to Lewisville Lake
Outfall 004: To an on-site storm sewer system through the development, thence to an unnamed tributary of Pecan Creek, thence west-southwest to Pecan Creek, thence to Lewisville Lake.

=====



Please submit a corrected map or a corrected discharge route, whichever applies. Should the wording be correct, this is how I've described the discharge route:
via Outfalls 001 and 002 to a man-made channel, thence to an unnamed tributary, thence to Pecan Creek; and via Outfalls 003 and 004 to an on-site sewer drain, thence to an unnamed tributary, thence to Pecan Creek; thence all outfalls to Lewisville Lake (0823)

Dr. Wallace

[EXTERNAL EMAIL] Exercise caution. Do not open attachments or click links from unknown senders or unexpected email