

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



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

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary 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 as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. Applicants may modify the template as necessary to accurately describe their 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 the applicant 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.

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.

Lancaster Municipal Utility District No. 1 (CN 601361595) proposes to operate Bear Creek Treatment Plant (RN112005418), an activated sludge process operating in the complete mix mode. The facility will be located at approximately 0.85 miles along E Reindeer Road from the intersection with S Dallas Ave, in Lancaster, Ellis County, Texas 75146. This is a new application to discharge at a daily flow up to 395,000 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), ammonium (NH₄-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.

Lancaster Municipal Utility District No.1 (CN 601361595) propone operar la Bear Creek Treatment Plant RN112005418, un proceso de lodos activados que opera en el modo de mezcla complete. La instalación estará ubicada en 0.85 millas a lo largo de E Reindeer Road desde la interseccion con S Dallas Ave, en Lancaster , Condado de Ellis, Texas 75146. Esta es una nueva aplicación para descargar a un flujo diario hasta 395,000 galones por día de aguas residuales domésticas tratadas.

Se espera que las descargas de la instalación contengan una demanda bioquímica de oxígeno carbonoso de cinco días, nitrógeno amoniacal, y E. coli. Las aguas residuales 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. WQ0016569001

APPLICATION. Lancaster Municipal Utility District No. 1, 1980 Post Oak Boulevard, Suite, 1380, Houston, Texas 77056, have applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016569001 (EPA I.D. No. TX0146285) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 395,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.85 miles southeast of the intersection of East Reindeer Road and South Dallas Avenue, near the city of Lancaster, in Ellis County, Texas 75146. The discharge route will be from the plant site to man-made drainage channel; thence to an unnamed tributary; thence to Bear Creek, thence to Red Oak Creek; thence to Upper Trinity River. TCEQ received this application on July 9, 2024. The permit application will be available for viewing and copying at Lancaster Veterans Memorial Library, Information Desk, 1600 Veterans Memorial Parkway, Lancaster, in Dallas County, and Ennis Public Library, 115 W Brown Street, Ennis, in Ellis 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=-96.76148,32.553334&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 countywide 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 Lancaster Municipal Utility District No. 1 at the address stated above or by calling Ms. Laura Preston, P.E., LJA Engineering, Inc., at 214-442-6579.

Issuance Date: September 9, 2024

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. WQoo16569001

SOLICITUD. Lancaster Municipal Utility District No. 1 at 1980 Post Oak Boulevard, Suite 1380 Houston, Texas 77056 solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No WQ0016569001 (EPA I.D. No TX0146285) para autorizar una solicitud para un nuevo permiso 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 395,000 galones por día. La planta está ubicada a 0.85 millas a lo largo de E Reindeer Rd desde la intersección con S Dallas Ave en la ciudad de Lancaster en el condado de Ellis, Texas 75146. La ruta de descarga será desde el sitio de la planta hasta el canal de drenaje artificial; de allí a un afluente sin nombre; de allí a Bear Creek, de allí a Red Oak Creek; de allí a la parte superior del río Trinity. TCEQ recibió esta solicitud el 9 de julio de 2024. El permiso La solicitud estará disponible para ver y copiar en la Biblioteca Lancaster Veterans Memorial, Mostrador de información, 1600 Veterans Memorial Parkway, Dallas, Texas, y Biblioteca pública de Ennis, mostrador de información, 115 W Brown St, Ennis Texas, 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. La solicitud, incluidas las actualizaciones y los avisos asociados, están disponibles 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 instalación se proporciona como cortesía pública y no forma parte de la solicitud o aviso. Para conocer la ubicación exacta, consulte la aplicación.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-6.76148,32.553334&level=18

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. Ademas, puede pedir que la TCEQ ponga su nombre en una or mas de las listas 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 agrega su nombre en una de las listas

designe cual lista(s) y envia 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 Lancaster Municipal Utility District No. 1 a la dirección indicada arriba o llamando a Laura Preston al 214.442.6579.

Fecha de emisión 9 de septiembre de 2024

Abesha Michael

From: Sally Easley <seasley@lja.com>

Sent: Monday, September 9, 2024 12:36 PM

To: Laura Preston; Abesha Michael

Cc: Dallas Wendling; 0031 - Bear Creek Lancaster; Laura Preston

Subject: RE: NORI PACKET FOR PERMIT NO. WQ0016569001, Lancaster Municipal Utility District

No. 1

Attachments: 1 - Core Data Form Page 2.pdf; Municipal Discharge New Spanish NORI.docx; Municipal

Discharge New Spanish NORI.pdf

Good Afternoon Abesha,

The treatment facility location in Ellis County is correct.

I've attached the updated Spanish NORI as a word document reflecting the treatment facility location in Ellis County.

An updated 10040 core data form page 2 reflecting approximate coordinates for the treatment facility location in Ellis County and listing the location as Ellis County is also attached as a pdf.

Please let me know if I can help in any way.

Thank you,

Sally Easley

Graduate Engineer

LJA Engineering | We seek solutions.

2150 S Central Expressway, Suite 300, McKinney, Texas 75070

P: 214.620.2778 |

LJA.com

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From: Laura Preston < lpreston@lja.com>
Sent: Monday, September 9, 2024 11:40 AM

To: Sally Easley <seasley@lja.com>

Cc: Dallas Wendling <dwendling@lja.com>; 0031 - Bear Creek Lancaster <ntx0031@lja.com>

Subject: FW: NORI PACKET FOR PERMIT NO. WQ0016569001, Lancaster Municipal Utility District No. 1

Laura Preston, P.E. | Assistant Project Manager

Land Development

O: 214.442.6579 | C: 325.668.2952

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

EMPLOYEE-OWNED. CLIENT FOCUSED.

From: Abesha Michael <Abesha.Michael@tceq.texas.gov>

Sent: Monday, September 9, 2024 8:48 AM

To: Laura Preston < | preston@lja.com >; Dallas Wendling < dwendling@lja.com >

Subject: RE: NORI PACKET FOR PERMIT NO. WQ0016569001, Lancaster Municipal Utility District No. 1 //URGENT//

[EXTERNAL EMAIL]

Good morning,

Please verify the email below and disregard the admin complete email which was sent on 09/06/2024. Thank you,

APPLICATION. Lancaster Municipal Utility District No. 1, 1980 Post Oak Boulevard, Suite, 1380, Houston, Texas 77056, have applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016569001 (EPA I.D. No. TX0146285) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 395,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.85 miles southeast of the intersection of East Reindeer Road and South Dallas Avenue, near the city of Lancaster, in Ellis County, Texas 75146. The discharge route will be from the plant site to man-made drainage channel; thence to an unnamed tributary; thence to Bear Creek, thence to Red Oak Creek; thence to Upper Trinity River. TCEQ received this application on July 9, 2024. The permit application will be available for viewing and copying at Lancaster Veterans Memorial Library, Information Desk, 1600 Veterans Memorial Parkway, Lancaster, in Dallas County, and Ennis Public Library, 115 W Brown Street, Ennis, in Ellis 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=-96.76148,32.553334&level=18

Further information may also be obtained from Lancaster Municipal Utility District No. 1 at the address stated above or by calling Ms. Laura Preston, P.E., LJA Engineering, Inc., at 214-442-6579.

From: Abesha Michael

Sent: Friday, September 6, 2024 5:05 PM **To:** Dallas Wendling dwendling@lja.com>

Subject: FW: NORI PACKET FOR PERMIT NO. WQ0016569001, Lancaster Municipal Utility District No. 1

Please use these attachments.

Forwarded for correction the name of the county.

(214) 802-4660		() -
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SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity" is selected, a new permit application is also required.)									
New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information									
The Regulated Entity Nan as Inc, LP, or LLC).	ne submitte	ed may be upda	ted, in order to m	eet TCEQ Co	re Data Star	ndards (re	emoval of or	ganizatior	al endings such
22. Regulated Entity Nam	e (Enter nam	ne of the site wher	re the regulated action	on is taking pl	ace.)				
Lancaster Municipal Utility Di	strict No. 1 E	Bear Creek Treatm	ent Plant						
23. Street Address of the Regulated Entity:	N/A								
(No PO Boxes)	City		State		ZIP			ZIP + 4	
24. County	Ellis		1	1					1
		If no Stree	et Address is prov	ided, fields ?	25-28 are re	quired.			
25. Description to Approximately 0.85 miles southeast of the intersection of E Reindeer Road and S Dallas Ave., Ellis County, Texas. Physical Location:									
26. Nearest City State Nearest ZIP Code									
Lancaster	Lancaster TX 75146					16			
Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).									
27. Latitude (N) In Decimal: 32.544530				28. L	ongitude (V	V) In Deci	mal:	96.76666	7
Degrees	Minutes			nds Degrees N		/linutes		Seconds	
32		32	40.308		96		46		00.0012
29. Primary SIC Code (4 digits)		Secondary SIC	Code	31. Primary NAICS Code (5 or 6 digits)		de	32. Secondary NAICS Code (5 or 6 digits)		
4952				221320					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)									
Municipal Domestic Wastewater Treatment									
CTMGT BEAR CREEK LLC 34. Mailing									
1800 Valley View Ln Ste. 300 Address:									
, au coo	City	Farmers Branc	h State	тх	ZIP	75234		ZIP + 4	
35. E-Mail Address:	land	castermud@sklav	v.us		I	1			1
36. Telephone Number			37. Extension of	r Code	38. F	ax Numb	er (if applicab	ole)	
(716)850-9000 () -									

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.

TCEQ-10400 (11/22) Page 2 of 3

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	. WQoo
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SOLICITUD. Lancaster Municipal Utility District No. 1 at 1980 Post Oak Blvd., Ste 1380 Houston, Texas 77056 solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No WQ0016569001 (EPA I.D. No TX0146285) para autorizar una solicitud para un nuevo permiso 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 395,000 galones por día. La planta está ubicada a 0.85 millas a lo largo de E Reindeer Rd desde la intersección con S Dallas Ave en la ciudad de Lancaster en el condado de Ellis, Texas. La ruta de descarga será desde el sitio de la planta hasta un canal de drenaje artificial; de allí a Bear Creek; de allí a Red Oak Creek; de allí hasta el río Trinity (pendiente de confirmación de RWA). TCEQ recibió esta solicitud el 9 de julio de 2024. El permiso La solicitud estará disponible para ver y copiar en la Biblioteca Lancaster Veterans Memorial, Mostrador de información, 1600 Veterans Memorial Parkway, Dallas, Texas, y Biblioteca pública de Ennis, mostrador de información, 115 W Brown St, Ennis Texas, 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. La solicitud, incluidas las actualizaciones y los avisos asociados, están disponibles 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 instalación se proporciona como cortesía pública y no forma parte de la solicitud o aviso. Para conocer la ubicación exacta, consulte la aplicación.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-6.76148,32.553334&level=18

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

AVISO 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. Ademas, puede pedir que la TCEQ ponga su nombre en una or mas de las listas 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 agrega su nombre en una de las listas designe cual lista(s) y envia 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 Lancaster Municipal Utility District No. 1 a la dirección indicada arriba o llamando a Laura Preston al 214.442.6579.

Fecha de emisión	[Date notice issued]



August 12, 2024

Texas Commission on Environmental Quality PO Box 13087 Austin, Texas 78711 Attn: Abesha Michael

Re: Response Letter for Permit No. WQ0016569001

Bear Creek WWTP

LJA Job No. NT120-0031C

Dear Abesha Michael:

In response to the TCEQ comments dated July 19, 2024, we have addressed your comments as follows.

1. Section 8, item D on page 6 of the application: Thank you for addressing the public viewing location in Dallas County. However, the facility and the other point of discharge is in Ellis County too. Please provide the public viewing location in Ellis County.

Response: Ennis Public Library 115 W Brown St has been added as the additional public viewing location.

2. Section 1 on page 13, Affected Landowner's Information 1.1: Thank you for the affected landowner's map. However, an applicant or a co-applicant cannot be an affected landowner. All the landowners surrounding the co-applicant's property, designated by red-color or owner #1 has to be delineate and notified. And please update and email the cross-referenced mailing list and mailing labels accordingly. (mailing labels in a word format)

Response: The Co-Applicant has been removed from all respective documents, and exhibits. Lancaster Municipal Utility District (LMUD) No. 1 is the applicant. CTMGT Bear Creek LLC is the landowner, but an easement has been granted to LMUD No. 1 for the WWTP site. The easement is included as an attachment. CTMGT Bear Creek LLC is now listed as an adjacent landowner.

 Plain Language Summary (PLS): Thank you for the PLS English and Spanish. However, the PLS has to show both names of the applicant and the co-applicant with their corresponding Customer Number (CN numbers). Please update and submit a revised PLS. (Please refer the subject line of this letter for the CN numbers)

Response: No change was made due to the response in Comment no. 2. Lancaster Municipal Utility District is the applicant with no co-applicants included. The original Plain Language Summary shall be maintained.

4. 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. Lancaster Municipal Utility District No. 1 and CTMGT Bear Creek, LLC, 1980 Post Oak Boulevard, Suite. 1380, Houston, Texas 77056, have applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016569001 (EPA I.D. .No. TX0146285) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 395,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.85 miles southeast of the intersection of East Reindeer Road and South Dallas Avenue, near the City of Lancaster, in Ellis County, Texas 75146. The discharge route will be from the plant site to a man-made drainage channel; thence to Bear Creek; thence to Red Oak Creek; thence to the Trinity River (pending RWA confirmation). TCEQ received this application on July 9, 2024. The permit application will be available for viewing and copying at Lancaster Veterans Memorial Library, Information Desk, 1600 Veterans Memorial Parkway, Dallas, 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=-6.76148,32.553334&level=18

Further information may also be obtained from Lancaster Municipal Utility District No. 1 and CTMGT Bear Creek, LLC at the address stated above or by calling Ms. LaurPreston, PE, LJA Engineering, Inc., at 214-442-6579.

Response: Please remove "and CTMGT Bear Creek LLC" from beginning of first paragraph, and please correct naming typo in last paragraph "LaurPreston" to show as Laura Preston. Please also add the additional public viewing location which has been provided for Ellis County.

5. 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: Provided, please see attached Spanish NORI.

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, PE

Assistant Project Manager

GH,rr

Enclosures:

Revised Application Pages

Spanish NORI (as a pdf and a word document)

c.	. Check the box next to the appropriate permit type.					
	\boxtimes	TPDES Permit				
		TLAP				
		TPDES Permit with TLAP component				
		Subsurface Area Drip Dispersal System (SAD	DS)			
d.	Che	eck the box next to the appropriate application	ı typ	e		
	\boxtimes	New				
		Major Amendment <u>with</u> Renewal		Minor Amendment with Renewal		
		Major Amendment <u>without</u> Renewal		Minor Amendment <u>without</u> Renewal		
		Renewal without changes		Minor Modification of permit		
e.	For	amendments or modifications, describe the p	ropo	osed changes: Click to enter text.		
f.	. For existing permits:					
	Permit Number: WQ00 N/A					
	EPA I.D. (TPDES only): TX <u>N/A</u>					
	Expiration Date: <u>N/A</u>					
Se	ectio	on 3. Facility Owner (Applicant) a	nd	Co-Applicant Information		
		(Instructions Page 26)				
A.	The	e owner of the facility must apply for the per	rmit.			
	Wh	at is the Legal Name of the entity (applicant) a	pply	ing for this permit?		
	<u>Lan</u>	caster Municipal District No.1				
		e legal name must be spelled exactly as filed w legal documents forming the entity.)	ith tì	he Texas Secretary of State, County, or in		
		he applicant is currently a customer with the T nay search for your CN on the TCEQ website				
		CN: 601361595				

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.

Last Name, First Name: Pat O'Hanlon. Prefix: Mr.

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?

N/A

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the *legal documents forming the entity.)*

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

CN: <u>N/A</u>

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

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

Title: N/A Credential: N/A

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

C. Core Data Form

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

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 Engineer 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.: <u>214-442-6579</u> E-mail Address: <u>lpreston@lja.com</u>

Check one or both:

Administrative Contact

Technical Contact

B. Prefix: Mr. Last Name, First Name: Wendling, Dallas

Title: Assistant Project Manager Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 2150 S Central Expy, Ste 300City, State, Zip Code: McKinney, Texas 75070

Phone No.: <u>214-620-2772</u> E-mail Address: <u>dwendling@lja.com</u>

Check one or both: Administrative Contact Machine 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: <u>Preston, Laura</u>

Title: <u>Project Engineer</u> Credential: <u>P.E.</u>

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400 City, State, Zip Code: Dallas, Texas 75206

Phone No.: <u>214-442-6579</u> E-mail Address: <u>lpreston@lja.com</u>

B. Prefix: Mr. Last Name, First Name: Wendling, Dallas

Title: Assistant Project Manager Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 2150 S Central Expy, Ste 300 City, State, Zip Code: McKinney, Texas 75070

Phone No.: <u>214-620-2772</u> E-mail Address: <u>dwendling@lja.com</u>

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: LaRue, Ryan E.

Title: <u>Partner</u> Credential: <u>N/A</u>

Organization Name: Lancaster Municipal Utility District No. 1

Mailing Address: 1980 Post Oak Blvd., Ste. 1380 City, State, Zip Code: Houston, Texas 77056

Phone No.: <u>713-850-9000</u> ext.225 E-mail Address: <u>lancastermud@sklaw.com</u>

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

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

Prefix: Mr. Last Name, First Name: LaRue, Ryan E.

Title: Partner Credential: N/A

Organization Name: Lancaster Municipal Utility District No. 1

Mailing Address: 1980 Post Oak Blvd., Ste. 1380 City, State, Zip Code: Houston, Texas 77056

Phone No.: 713-850-9000 ext.225 E-mail Address: lancastermud@sklaw.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Preston, Laura

Title: <u>Project Engineer</u> Credential: <u>P.E.</u>

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400 City, State, Zip Code: Dallas, Texas 75206

Phone No.: <u>214-442-6579</u> E-mail Address: <u>lpreston@lja.com</u>

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: lpreston@lja.com and dwendling@lja.com

□ Fax

□ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms. Last Name, First Name: Preston, Laura

Title: <u>Project Engineer</u> Credential: <u>P.E.</u>

Organization Name: LJA Engineering, Inc.

Mailing Address: <u>6060 N Central Expy</u>, <u>Ste 400</u> City, State, Zip Code: <u>Dallas, Texas 75206</u>

Phone No.: <u>214-442-6579</u> E-mail Address: <u>lpreston@lja.com</u>

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: Lancaster Veterans Memorial Library

Location within the building: Information Desk

Physical Address of Building: 1600 Veterans Memorial Pkwy

City: <u>Lancaster</u> County: <u>Dallas</u>

Contact (Last Name, First Name): Front Desk Receptionist

Phone No.: 972-227-1080 Ext.: N/A

Public building name: Ennis Public Library

Location within the building: <u>Information Desk</u> Physical Address of Building: 115 W Brown St

City: Ennis County: Ellis

Contact (Last Name, First Name): Front Desk Receptionist

Phone No.: 972-875-5360 Ext.: N/A

E. Bilingual Notice Requirements

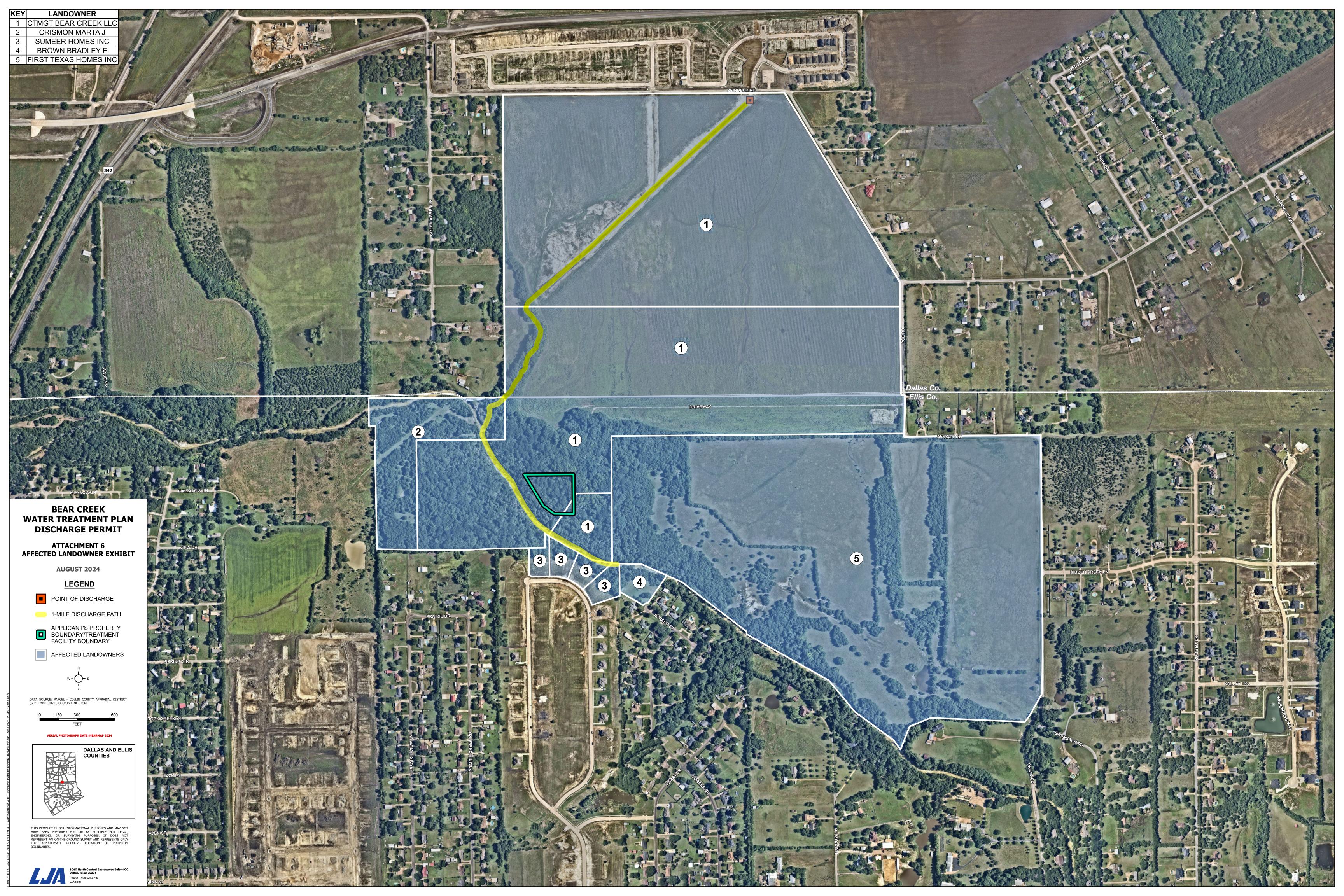
This information is required for new, major amendment, minor amendment or minor modification, and renewal applications.

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.		•		t to the facility or proposed facility?	e at the elementary
		\boxtimes	Yes		No	
		If no , p	oublication o	of an	alternative language notice is not required; sk i	ip to Section 9
	2.				tend either the elementary school or the midd ogram at that school?	lle school enrolled ir
		\boxtimes	Yes		No	
	3.	Do the locatio		thes	schools attend a bilingual education program	at another
			Yes	\boxtimes	No	
	4.				uired to provide a bilingual education progran cement under 19 TAC §89.1205(g)?	n but the school has
			Yes	\boxtimes	No	
	5.				uestion 1, 2, 3, or 4, public notices in an alter e is required by the bilingual program? Spanis	
F.	Pla	ain Lang	guage Sumn	ary	Template	
	Co	mplete	the Plain La	ngua	e Summary (TCEQ Form 20972) and include a	s an attachment.
	At	tachme	nt: <u>2</u>			
G.	Pu	blic Inv	olvement P	lan F	orm	
	Co	mplete	the Public Ir	ıvolv	ement Plan Form (TCEQ Form 20960) for each dment to a permit and include as an attachm	
	At	tachme	nt: <u>3</u>			
Se	cti	on 9.	Regulat Page 29		Entity and Permitted Site Information	on (Instructions
Α.		the site is site. R		regu	ated by TCEQ, provide the Regulated Entity Nu	ımber (RN) issued to
			TCEQ's Cer currently re		Registry at http://www15.tceq.texas.gov/crputed by TCEQ.	o/ to determine if
B.	Na	me of p	project or sit	e (the	name known by the community where locate	d):
	Be	<u>ar Creek</u>	Treatment P	<u>lant</u>		
C.	Ov	vner of	treatment fa	cility	Lancaster Municipal Utility District No. 1	
	Ov	vnership	of Facility:		Public \boxtimes Private \square Both	□ Federal
D.	Ov	vner of l	land where t	reatr	nent facility is or will be:	
	Pre	efix: <u>N/</u>	<u>A</u>		Last Name, First Name: <u>N/A</u>	
	Tit	le: <u>N/A</u>			Credential: <u>N/A</u>	

	Organization Name: <u>CTMGT Bear Creek LLC</u>				
	Mailing Address: 1800 Valley View Ln Ste 300 City, State, Zip Code: Farmers Branch, Texas 75234				
	Phone No.: <u>214-802-4660</u>	E-mail Address: jfinch@landmarkinterests.com			
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.			
	Attachment: 21				
E.	Owner of effluent disposal site:				
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>			
	Title: <u>N/A</u>	Credential: <u>N/A</u>			
	Organization Name: <u>N/A</u>				
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>			
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>			
	If the landowner is not the same agreement or deed recorded ease	person as the facility owner or co-applicant, attach a lease ement. See instructions.			
	Attachment: N/A				
F.	Owner sewage sludge disposal si property owned or controlled by	te (if authorization is requested for sludge disposal on the applicant)::			
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>			
	Title: <u>N/A</u>	Credential: <u>N/A</u>			
	Organization Name: <u>N/A</u>				
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>			
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>			
	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				
Se	ction 10. TPDES Discharg	ge Information (Instructions Page 31)			
A.	Is the wastewater treatment facil	ity location in the existing permit accurate?			
	□ Yes ⊠ No				
		on, please give an accurate description: st of the intersection of E Reindeer Road and S Dallas Ave., Ellis			
B.		the discharge route(s) in the existing permit correct?			
		ormit application provide an accurate description of the			
	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 TAC Chapter 307:				



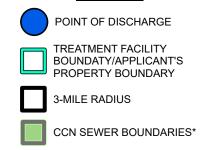
- CTMGT BEAR CREEK LLC
 1800 VALLEY VIEW LN ST 300
 FARMERS BRANCH TX 75234
- 2. CRIMSON MARTA J 3104 GREEN ACRE LN RED OAK TX 75154
- 3. SUMEER HOMES INC. 2404 TEXAS DR STE 103 IRVING TX 75062
- 4. BROWN BRADLEY E 309 LORENE CT RED OAK TX 75154
- 5. FIRST TEXAS HOMES INC. PO BOX 142033 IRVING TX 75014

BEAR CREEK WATER TREATMENT PLANT DISCHARGE PERMIT

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

AUGUST 2024

LEGEND

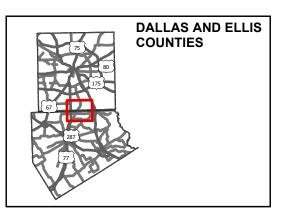


COUNTY LINE

DATA SOURCE: COUNTY LINE - ESRI



0 2,000 4,000 8,000 FEET

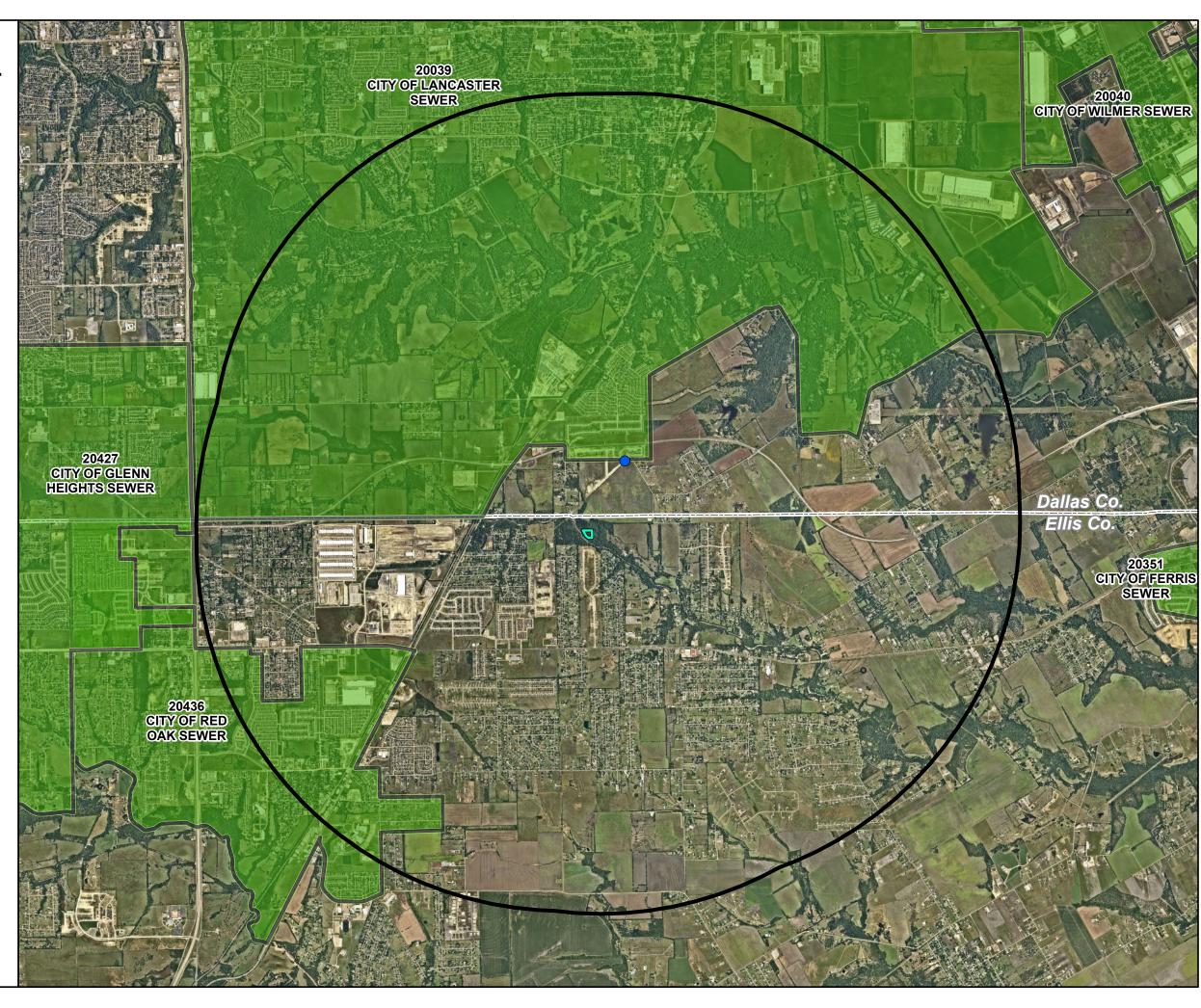


AERIAL PHOTOGRAPH DATE: NEARMAP 2024

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



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



WASTEWATER TREATMENT PLANT EASEMENT

(2.398 Acre Tract)

THE STATE OF TEXAS §

§ KNOW ALL MEN BY THESE PRESENTS:

COUNTY OF ELLIS §

NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OR ALL OF THE FOLLOWING INFORMATION FROM ANY INSTRUMENT THAT TRANSFERS AN INTEREST IN REAL PROPERTY BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

CTMGT BEAR CREEK LLC (hereinafter called "Grantor"), for and in consideration of the sum of PRICE and No/100 Dollars (\$10.00) and other good and valuable consideration to Grantor in hand paid by LANCASTER MUNICIPAL UTILITY DISTRICT NO. 1, (hereinafter called "Grantee"), whose address is 1980 Post Oak Blvd, Ste. 1380, Houston, Texas 77056, the receipt and sufficiency of which are hereby acknowledged and confessed, has GRANTED, SOLD and CONVEYED, and by these presents does GRANT, SELL and CONVEY unto said Grantee, its successors and assigns, a perpetual non-exclusive easement (the "Easement") over the tract of land owned by Grantor which is more particularly described in Exhibit "A" attached hereto (hereinafter referred to as the "Easement Tract").

The Easement herein granted shall be used solely for the purposes of constructing, repairing, maintaining, re-constructing and operating a wastewater treatment plant facility and related appurtenances (the "Facilities"). Subject to the further provisions hereof, Grantee, its agents, employees, workmen and representatives, shall have the right and privilege of ingress and egress across the Easement Tract as may be necessary to construct, repair, maintain, re-construct and operate such Facilities.

It is expressly understood and agreed by and between the parties that this Easement shall be subject to and governed by the following provisions:

- (1) The Easement, rights and privileges granted herein are non-exclusive and the Grantor reserves and retains the right to use the Easement Tract for all purposes which do not unreasonably interfere with the rights hereby granted.
- (2) The Easement, rights and privileges herein granted shall be perpetual or for so long as Grantee shall utilize the Easement for the purposes intended. The Easement, rights and privileges granted herein shall terminate when, or at such time, as the purposes hereof cease to exist, are abandoned by Grantee, or become impossible of performance.

- (3) During or immediately after any work on the Easement Tract pursuant to the rights granted hereby, the party performing such activities, at its sole cost and expense, shall take all reasonable measures to restore the grounds, surfacing materials, and other facilities of the owner of the Easement Tract, including landscaping, fences and pavement situated on the Easement Tract, to the condition which existed prior to such operations.
- (4) The Easement, rights and privileges herein granted shall be subject to all valid and subsisting encumbrances, conditions, covenants, restrictions, reservations, exceptions, rights-of-way and easements of record, including all laws, regulations, and restrictions by municipal or other governmental authority applicable to and enforceable against the Easement Tract.

TO HAVE AND TO HOLD the above described Easement for the said purposes, together with all and singular, the rights, privileges, and appurtenances thereto as described above in anywise belonging to the said Grantee, its successors and assigns forever, subject to the limitations, conditions and restrictions set forth hereinabove.

[THE REMAINDER OF THIS PAGE LEFT INTENTIONALLY BLANK]

WITNESS THE GRANTOR'S HAND this 27 day of 900, 2024. "GRANTOR"

CTMGT Bear Creek, LLC, a Texas limited liability company,

By: Centamtar Terras, LLC,

a Texas limited liability company

Its Manager

By: CTMGT, LLC,

a Texas limited liability company Its Sole Manager and Member

Name: Mehrdad Moayedi,

Its: Sole Manager and Member

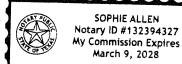
STATE OF TEXAS

\$ \$ \$

COUNTY OF DALLAS

} }

This instrument was acknowledged before me on JWU 17 20 24, by Mehrdad Moayedi, the Sole Manager and Member of CTMGT, LLC, as the Sole Manager and Member of Centamtar Terras, LLC, as the Manager of CTMGT Bear Creek, LLC, a Texas limited liability company on behalf of said company.



Notary Public, State of Texas

(SEAL)

EXHIBIT "A" 2.398 ACRE WASTE WATER TREATMENT PLANT

BEING A 2.398 ACRE TRACT OF LAND SITUATED IN THE ROBERT A. LEMMANS SURVEY, ABSTRACT NO. 628, CITY OF LANCASTER E.T.J., ELLIS COUNTY, TEXAS, AND BEING PART OF A CALLED 104.619 ACRE TRACT OF LAND CONVEYED AS "TRACT 3" TO CTMGT BEAR CREEK, LLC, AS RECORDED IN VOLUME 2743, PAGE 1964, OFFICIAL PUBLIC RECORDS, ELLIS COUNTY, TEXAS AND PART OF A 5.000 ACRE TRACT OF LAND CONVEYED TO CTMGT BEAR CREEK, LLC., AS RECORDED IN COUNTY CLERK'S FILE NO. 2238300, OFFICIAL PUBLIC RECORDS, ELLIS COUNTY, TEXAS. SAID 2.398 ACRE TRACT, WITH THE BEARING BASIS BEING THE NORTHWEST LINE OF BEAR CREEK RANCH, PHASE 1, AN ADDITION TO THE CITY OF LANCASTER E.T.J., AS RECORDED IN VOLUME 2005138, PAGE 234, PLAT RECORDS, DALLAS COUNTY, TEXAS AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING AT A 5/8 INCH IRON ROD WITH CAP STAMPED "WEBBER" FOUND FOR A COMMON EXTERIOR ELL CORNER OF SAID 5.000 ACRE TRACT AND THE COMMON SOUTHEAST CORNER OF A 0.1291 ACRE VERIZON WIRELESS LEASE TRACT, AS RECORDED IN VOLUME 2257, PAGE 2400, DEED RECORDS, ELLIS COUNTY, TEXAS. SAID POINT BEING ON THE WEST LINE OF A CALLED 147.287 ACRE TRACT OF LAND CONVEYED TO FIRST TEXAS HOMES INC., AS RECORDED IN COUNTY CLERK'S FILE NO. 2133614, OFFICIAL PUBLIC RECORDS, ELLIS COUNTY, TEXAS, FROM WHICH A 1/2" IRON ROD FOUND BEARS SOUTH 01 DEGREES 21 MINUTES 44 SECONDS EAST, A DISTANCE OF 464.42 FEET:

THENCE, SOUTH 71 DEGREES 27 MINUTES 32 SECONDS WEST, OVER AND ACROSS SAID 5.000 ACRE TRACT, A DISTANCE OF 331.01 FEET TO THE **POINT OF BEGINNING**:

THENCE, SOUTH 89 DEGREES 13 MINUTES 02 SECONDS WEST, CONTINUING OVER AND ACROSS SAID 5.000 ACRE TRACT, PASSING AT A DISTANCE OF 150.10 FEET THE NORTHWEST LINE OF SAID 5.000 ACRE TRACT, CONTINUING OVER AND ACROSS SAID 104.619 ACRE TRACT, IN ALL A TOTAL DISTANCE OF 205.12 FEET TO A POINT FOR CORNER:

THENCE, CONTINUING OVER AND ACROSS SAID 104.619 ACRE TRACT, THE FOLLOWING COURSES AND DISTANCES:

NORTH 52 DEGREES 57 MINUTES 07 SECONDS WEST, A DISTANCE OF 18.54 FEET TO A POINT FOR CORNER;

NORTH 46 DEGREES 13 MINUTES 44 SECONDS WEST, A DISTANCE OF 86.48 FEET TO A POINT FOR CORNER:

NORTH 35 DEGREES 32 MINUTES 50 SECONDS WEST, A DISTANCE OF 77.35 FEET TO A POINT FOR CORNER;

NORTH 25 DEGREES 22 MINUTES 20 SECONDS WEST, A DISTANCE OF 114.37 FEET TO A POINT FOR CORNER;

NORTH 27 DEGREES 25 MINUTES 08 SECONDS WEST, A DISTANCE OF 88.94 FEET TO A POINT FOR CORNER;

NORTH 89 DEGREES 13 MINUTES 02 SECONDS EAST, A DISTANCE OF 412.96 FEET TO A POINT FOR CORNER:

SOUTH 00 DEGREES 46 MINUTES 58 SECONDS EAST, PASSING AT A DISTANCE OF 141.52 FEET THE NORTH LINE OF AFORESAID 5.000 ACRE TRACT, CONTINUING OVER AND ACROSS SAID 5.000 ACRE TRACT, IN ALL A TOTAL DISTANCE OF 319.08 FEET TO THE **POINT OF BEGINNING** AND CONTAINING A CALCULATED AREA OF 104,470 SQUARE FEET OR 2.398 ACRES OF LAND.

A PARCEL PLAT OF EQUAL DATE HEREWITH ACCOMPANIES THIS PROPERTY DESCRIPTION.

Michael J. Baitup, R.P.L.S.

Registered Professional Land Surveyor

Texas Registration No. 4574

LJA Surveying, Inc.

6060 North Central Expressway, Suite 400

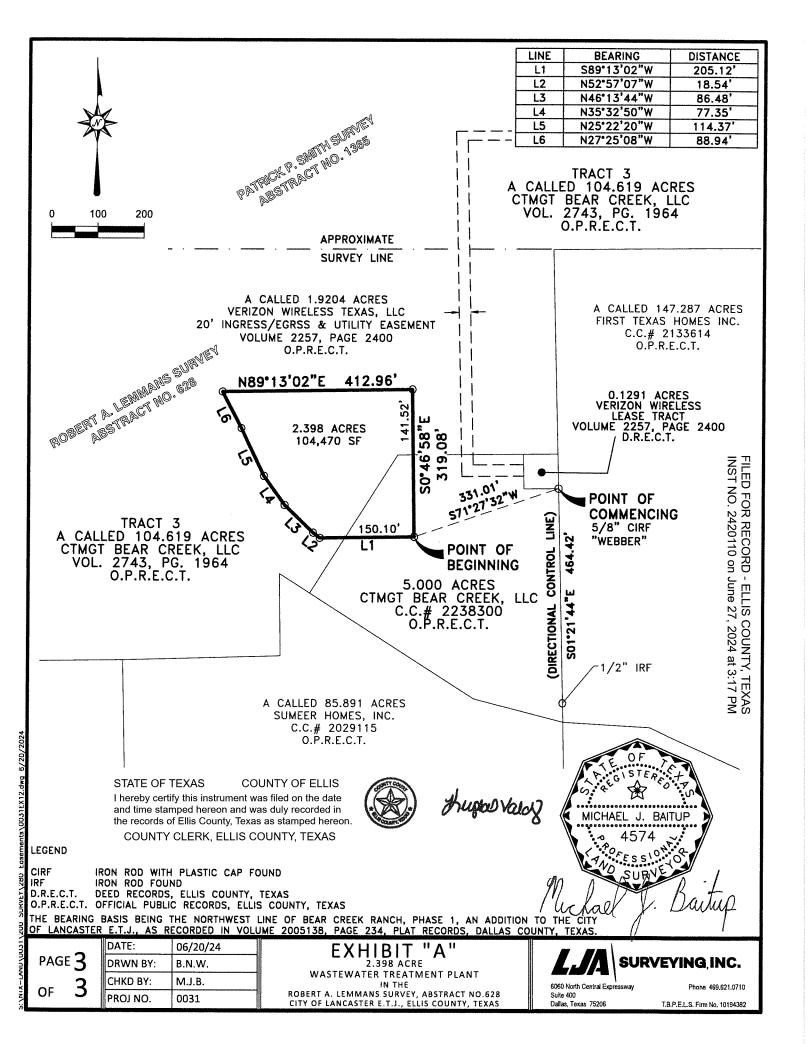
Dallas, Texas 75206

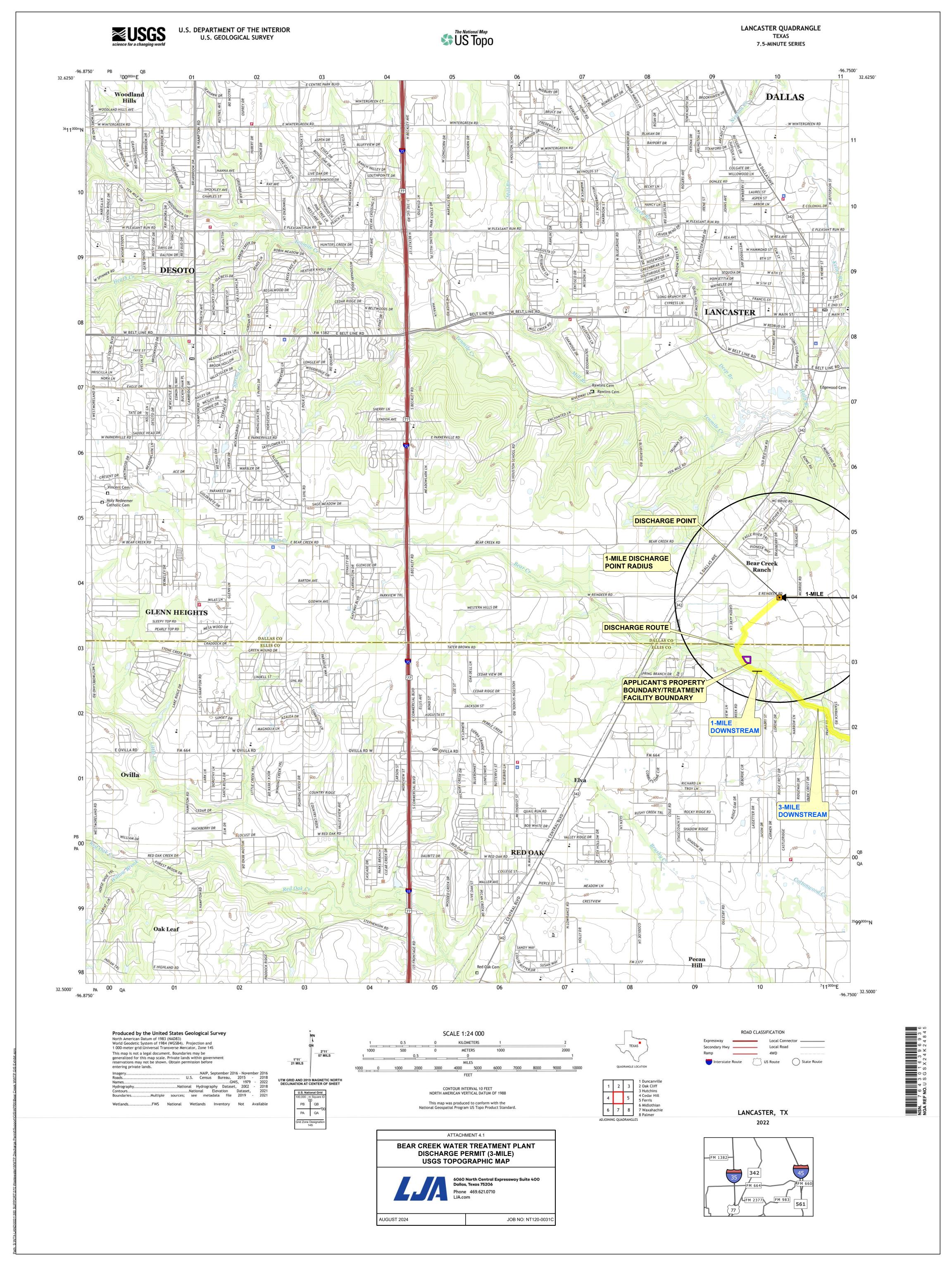
469-484-0778

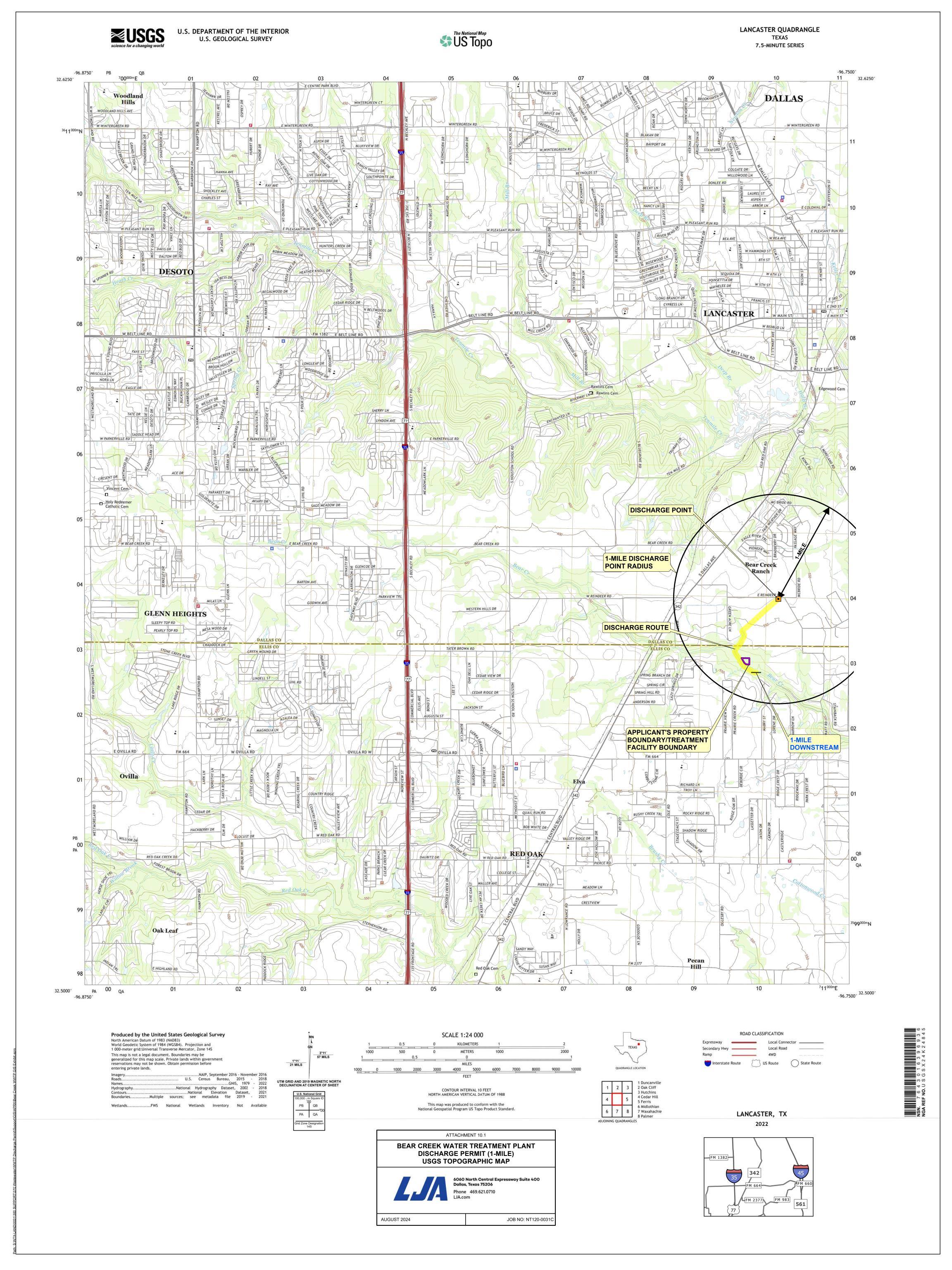
TBPLS Firm No. 10194465



June 20, 2024







THE COMMISSION OF THE PROPERTY OF THE PROPERTY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Lancaster Municipal Utility District No. 1

PERMIT NUMBER (If new, leave blank): WQ00 <u>TBD – This is an application for a new permit</u> Indicate if each of the following items is included in your application.

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

For TCEQ Use Only	
Segment Number	County
Expiration Date	Region
Permit Number	·

THE TONMENTAL OURS

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 □

Payment Information:

Mailed Check/Money Order Number: N/A
Check/Money Order Amount: N/A

Name Printed on Check: N/A

EPAY Voucher Number: <u>712422 & 712423</u>

Copy of Payment Voucher enclosed? Yes \boxtimes

Section 2. Type of Application (Instructions Page 26)

a.	Che	ck the box next to the appropriate authorization type.
		Publicly-Owned Domestic Wastewater
		Privately-Owned Domestic Wastewater
	\boxtimes	Conventional Wastewater Treatment

- **b.** Check the box next to the appropriate facility status.
 - \square Active \boxtimes Inactive

c.	Che	eck the box next to the appropriate permit typ	e.	
	\boxtimes	TPDES Permit		
		TLAP		
		TPDES Permit with TLAP component		
		Subsurface Area Drip Dispersal System (SAD	DS)	
d.	Che	eck the box next to the appropriate application	ı typ	e
	\boxtimes	New		
		Major Amendment <i>with</i> Renewal		Minor Amendment with Renewal
		Major Amendment <i>without</i> Renewal		Minor Amendment without Renewal
		Renewal without changes		Minor Modification of permit
e.	For	amendments or modifications, describe the p	ropo	sed changes: Click to enter text.
f.	For	existing permits:		
		mit Number: WQ00 <u>N/A</u>		
		A I.D. (TPDES only): TX N/A		
		piration Date: <u>N/A</u>		
Se	ctic	on 3. Facility Owner (Applicant) an	id C	o-Applicant Information
		(Instructions Page 26)		
A.	The	e owner of the facility must apply for the perm	iit.	
	Wha	at is the Legal Name of the entity (applicant) a	pply	ing for this permit?
	Lan	caster Municipal District No.1		
		e legal name must be spelled exactly as filed whe legal documents forming the entity.)	vith	the Texas Secretary of State, County, or
		he applicant is currently a customer with the T n may search for your CN on the TCEQ website		
		CN: 601261505		

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.

Last Name, First Name: Pat O'Hanlon. Prefix: Mr.

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?

CTMGT Bear Creek 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: 605735794

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: Moayedi, Mehrdad

Title: <u>President</u> Credential: <u>N/A</u>

Provide a brief description of the need for a co-permittee: <u>Treatment facility boundary is owned</u> by the applicant, but the discharge point is owned by the co-applicant.

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 $1.0.\,\underline{1}$

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: <u>Project Engineer</u> Credential: <u>P.E.</u>

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400 City, State, Zip Code: Dallas, Texas 75206

Phone No.: <u>214-442-6579</u> E-mail Address: <u>lpreston@lja.com</u>

B. Prefix: Mr. Last Name, First Name: Wendling, Dallas

Title: Assistant Project Manager Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 2150 S Central Expv, Ste 300 City, State, Zip Code: McKinney, Texas 75070

Phone No.: 214-620-2772 E-mail Address: dwendling@lja.com

Check one or both:

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: <u>Project Engineer</u> Credential: <u>P.E.</u>

Organization Name: LJA Engineering, Inc.

Mailing Address: <u>6060 N Central Expy</u>, <u>Ste 400</u> City, State, Zip Code: <u>Dallas, Texas 75206</u>

B. Prefix: Mr. Last Name, First Name: Wendling, Dallas

Title: <u>Assistant Project Manager</u> Credential: <u>P.E.</u>

Organization Name: LJA Engineering, Inc.

Mailing Address: 2150 S Central Expy, Ste 300 City, State, Zip Code: McKinney, Texas 75070

Phone No.: <u>214-620-2772</u> E-mail Address: <u>dwendling@lja.com</u>

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: LaRue, Ryan E.

Title: Partner Credential: N/A

Organization Name: Lancaster Municipal Utility District No. 1

Mailing Address: 1980 Post Oak Blvd., Ste. 1380 City, State, Zip Code: Houston, Texas 77056

Phone No.: <u>713-850-9000</u> ext.225 E-mail Address: <u>lancastermud@sklaw.com</u>

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

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

Prefix: Mr. Last Name, First Name: LaRue, Ryan E.

Title: Partner Credential: N/A

Organization Name: Lancaster Municipal Utility District No. 1

Mailing Address: 1980 Post Oak Blvd., Ste. 1380 City, State, Zip Code: Houston, Texas 77056

Phone No.: 713-850-9000 ext.225 E-mail Address: lancastermud@sklaw.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Preston, Laura

Title: <u>Project Engineer</u> Credential: <u>P.E.</u>

Organization Name: LJA Engineering, Inc.

Mailing Address: 6060 N Central Expy, Ste 400 City, State, Zip Code: Dallas, Texas 75206

Phone No.: <u>214-442-6579</u> E-mail Address: <u>lpreston@lja.com</u>

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: lpreston@lja.com and dwendling@lja.com

		Fax						
		Regul	ar Mail					
C.	Co	ntact pe	ermit to be l	isted	in the Notices			
	Pre	fix: <u>Ms.</u>			Last Name	e, First	t Name: <u>Preston, Laura</u>	
	Tit	le: <u>Proje</u>	ect Engineer		Credential	l: <u>P.E.</u>		
	Org	ganizati	ion Name: <u>L</u>	JA En	gineering, Inc.			
	Ma	iling Ac	ldress: <u>6060</u>	N Ce	ntral Expy, Ste 400	<u>O</u>	City, State, Zip Code: Dallas, Texas 7520	<u>)6</u>
	Pho	one No.:	214-442-65	79	E-mail Ac	ldress	s: <u>lpreston@lja.com</u>	
D.	Pul	blic Viev	wing Inform	ation	L			
			lity or outfal ist be provid		ocated in more th	nan on	ne county, a public viewing place for ea	c h
	Pul	blic buil	lding name:	Lanca	aster Veterans Mer	<u>norial</u>	<u>Library</u>	
	Loc	cation w	vithin the bu	ildin	g: <u>Information De</u>	<u>sk</u>		
	Phy	ysical A	ddress of Bu	ıildin	g: <u>1600 Veterans</u> 1	Memo	<u>rial Pkwy</u>	
	Cit	y: <u>Lanca</u>	<u>aster</u>		County	7: <u>Dall</u>	<u>as</u>	
	Co	ntact (L	ast Name, Fi	rst N	ame): <u>Front Desk</u>	Recep	<u>vtionist</u>	
	Pho	one No.:	972-227-108	<u>30</u> Ex	t.: <u>N/A</u>			
Е.	Bili	ingual N	Notice Requi	reme	nts			
					d for new, major applications.	amer	ndment, minor amendment or minor	
	be	needed		nstru	ictions on publis		termine if alternative language notices whe alternative language notices will be	
	obt						earest elementary and middle schools a nether an alternative language notices a	
	1.				program require at to the facility o		the Texas Education Code at the element posed facility?	ıtary
		\boxtimes	Yes		No			
		If no n	aublication o	f an a	alternative langu	age no	otice is not required; skip to Section 9 l	nelow.
	2.	Are the	e students w	ho at	9	lemer	ntary school or the middle school enrol	
			Yes		No	1001.		
		_						
	3.	Do the location		these	e schools attend	a bilir	ngual education program at another	
			Yes	\boxtimes	No			
	4.				juired to provide rement under 19		ngual education program but the school §89.1205(g)?	ol has

□ Yes ⊠ No	es 🛛 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? <u>Spanish</u>

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):

Bear Creek Treatment Plant

C. Owner of treatment facility: Lancaster Municipal Utility District No. 1

Ownership of Facility: \square Public \boxtimes Private \square Both \square 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: Lancaster Municipal Utility District No. 1

Mailing Address: 1980 Post Oak Blvd., Ste. 1380 City, State, Zip Code: Houston, Texas 77056

Phone No.: 713-850-9000 E-mail Address: lancastermud@sklaw.us

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

		same person as the facility owner or co-applicant, attach a lease l easement. See instructions.
	Attachment: N/A	
F.	Owner sewage sludge dispo property owned or controlle	sal site (if authorization is requested for sludge disposal on ed by the applicant)::
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
		same person as the facility owner or co-applicant, attach a lease d easement. See instructions.
	Attachment: N/A	
Se	ection 10. TPDES Discl	harge Information (Instructions Page 31)
A.	Is the wastewater treatment	facility location in the existing permit accurate?
	□ Yes ⊠ No	
		cation, please give an accurate description: theast of the intersection of E Reindeer Road and S Dallas Ave., Ellis
B.	Are the point(s) of discharge	e and the discharge route(s) in the existing permit correct?
	□ Yes ⊠ No	
	· ·	nt permit application, provide an accurate description of the discharge route to the nearest classified segment as defined in 30
		nnel, thence to Bear Creek, thence to Red Oak Creek, thence to the 5 of the Upper Trinity River basin.
	City nearest the outfall(s): $\underline{\mathbf{L}}$	<u>ancaster</u>
	County in which the outfalls	s(s) is/are located: <u>Dallas</u>
C.	Is or will the treated wastew a flood control district drain	vater discharge to a city, county, or state highway right-of-way, on nage ditch?
	□ Yes ⊠ No	
	If yes , indicate by a check m	nark if:
	☐ Authorization grant	ted Authorization pending
	For new and amendment ap and the approval letter upon	oplications, provide copies of letters that show proof of contact n receipt.

 $\boldsymbol{D}\!.$ For all applications involving an average daily discharge of 5 MGD or more, provide the

Attachment: N/A

names of all counties located within 100 statute miles downstream of the point(s) of discharge: $\underline{N/A}$

Section 11.	TLAP Dist	posal Inform	nation (In	structions l	Page 32
		DOUG HHOII	HOUST THE	TOTT GC CLOTTO 1	

Α.	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
В.	City nearest the disposal site: <u>N/A</u>
C.	County in which the disposal site is located: <u>N/A</u>
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: $\underline{N/A}$
Se	ection 12. Miscellaneous Information (Instructions Page 32)
Α.	Is the facility located on or does the treated effluent cross American Indian Land?
	□ Yes ⊠ No
В.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	\square Yes \square No \boxtimes 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: $\underline{\rm N/A}$
D.	Do you owe any fees to the TCEQ?
	□ Yes ⊠ No
	If yes , provide the following information:

Account number: <u>N/A</u>
Amount past due: <u>N/A</u>

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, Public Involvement Plan Form

Section 14. Signature Page (Instructions Page 3)

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

Permit Number: N/A

Applicant: Lancaster Municipal Utility District No. 1

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 prin	nted): <u>Pat O'Hanlon</u>
-------------------------------	----------------------------

Signatory title: President

Signature:_	Pat Offul	Date: 6-21-24	
	(Use blue ink)		

Subscribed and Sworn to before me by the said___

PAT D'HANCON

on this 2/s+ day of JL

day of JUNE, 20

My commission expires on the 13°

_day of SEPTE MBER, 2

Notary Public

CLARISSA CASSANDRA ROCHA
Notary Public, State of Texas
Comm. Expires 09-13-2025
Notary ID 133327470

[SEAL]

County, Texas

Section 14. Signature Page (Instructions Page 3)

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

Permit Number: N/A

Applicant: CTMGT Bear Creek LLC

Certification:

County, Texas

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): Mehrdad Moayedi	
Signatory title: <u>President</u>	
Signature: <u>Juhllal</u> Date: <u>C</u> (Use blue ink)	/20/20rd
Subscribed and Sworn to before me by the said	
on this day of Jule	, 20_24
My commission expires on theday ofday	, 20
SOPHIE ALLEN Notary ID #132394327 My Commission Expires March 9, 2028	[SEAL]

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

	follo	owing information, as applicable:
	\boxtimes	The applicant's property boundaries
	\boxtimes	The facility site boundaries within the applicant's property boundaries
	\boxtimes	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).)
	\boxtimes	The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
	\boxtimes	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
В.	⊠ add:	Indicate by a check mark that a separate list with the landowners' names and mailing resses cross-referenced to the landowner's map has been provided.
C.	Indi	cate by a check mark in which format the landowners list is submitted:
		☑ USB Drive □ Four sets of labels
D.		vide the source of the landowners' names and mailing addresses: <u>Dallas County CAD and County CAD.</u>
Е.		required by <i>Texas Water Code § 5.115</i> , is any permanent school fund land affected by application?
		□ Yes ⊠ No

	If yes	s, provide the location and foreseeable impacts and effects this application has on the (s):
	N/A	
0		
5e	ctio	n 2. Original Photographs (Instructions Page 38)
		original ground level photographs. Indicate with checkmarks that the following tion is provided.
	\boxtimes	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
Se	ctio	n 3. Buffer Zone Map (Instructions Page 38)
Α.	infor	er zone map. Provide a buffer zone map on 8.5×11 -inch paper with all of the following mation. The applicant's property line and the buffer zone line may be distinguished by g 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.
В.		er zone compliance method. Indicate how the buffer zone requirements will be met. k all that apply.
	\boxtimes	Ownership
	\triangleright	Restrictive easement
		Nuisance odor control
		Variance
C.		itable site characteristics. Does the facility comply with the requirements regarding itable site characteristic found in 30 TAC § 309.13(a) through (d)?
	\boxtimes	I 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: 5

7/9/24, 5:15 PM TCEQ ePay

Questions or Comments >>

Shopping Cart Select Fee Search Transactions Sign Out

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

Transaction Information

Voucher Number: 712422

Trace Number: 582EA000616938

Date: 07/09/2024 05:15 PM

Payment Method: CC - Authorization 000006451D

Voucher Amount: \$1,200.00

Fee Type: WW PERMIT - FACILITY WITH FLOW >= .25 & < .50 MGD - NEW AND MAJOR AMENDMENTS

Payment Contact Information

Name: LAURA PRESTON
Company: LJA ENGINEERING

Address: 6060 N CENTRAL EXPY SUITE 400, DALLAS, TX 75206

Phone: 325-668-2952

Site Information

Site Name: BEAR CREEK TREATMENT PLANT

Site Location: 0.85 MI SE OF THE INT OF E REINDEER RD AND S DALLAS AVE ELLIS COUNTY

Customer Information

Customer Name: LANCASTER MUNICIPAL UTILITY DISTRICT NO 1
Customer Address: 1980 POST OAK BLVD STE 1380, HOUSTON, TX 77056

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7/9/24, 5:16 PM TCEQ ePay

Questions or Comments >>

Shopping Cart Select Fee Search Transactions Sign Out

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

Transaction Information

Voucher Number: 712423

Trace Number: 582EA000616938

Date: 07/09/2024 05:15 PM

Payment Method: CC - Authorization 000006451D

Voucher Amount: \$50.00

Fee Type: 30 TAC 305.53B WQ NOTIFICATION FEE

ePay Actor: LAURA PRESTON
Actor Email: lpreston@lja.com
IP: 170.55.94.226

Payment Contact Information

Name: LAURA PRESTON
Company: LJA ENGINEERING

Address: 6060 N CENTRAL EXPY SUITE 400, DALLAS, TX 75206

Phone: 325-668-2952

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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.	, c do 1	iot out		110
Core Data Form (TCEQ Form No. 10400) (Required for all application types. Must be completed in its entire Note: Form may be signed by applicant representative.)	ty and	d signed	d.	Yes
Correct and Current Industrial Wastewater Permit Application Form (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or la			\boxtimes	Yes
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions	for ma	ailing a	⊠ ddres	Yes ss.)
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8½ x 11 acceptable for Renewals and Amendments)				Yes
Current/Non-Expired, Executed Lease Agreement or Easement	\boxtimes	N/A		Yes
Landowners Map (See instructions for landowner requirements)		N/A	\boxtimes	Yes
 Things to Know: All the items shown on the map must be labeled. The applicant's complete property boundaries must be do boundaries of contiguous property owned by the applicant. The applicant cannot be its own adjacent landowner. You landowners immediately adjacent to their property, regarderom the actual facility. If the applicant's property is adjacent to a road, creek, or on the opposite side must be identified. Although the prapplicant's property boundary, they are considered potential in the adjacent road is a divided highway as identified on map, the applicant does not have to identify the landown the highway. 	int. u mus rdless r strea operti ntially i the U	t identics of how am, the les are a affectors	ify th v far lande not a ed lar pogra	e they are owners djacent to ndowners. aphic

Landowners Cross Reference List (See instructions for landowner requirements)		N/A	\boxtimes	Yes
Landowners Labels or USB Drive attached (See instructions for landowner requirements)		N/A	\boxtimes	Yes
Original signature per 30 TAC § 305.44 - Blue Ink Preferred (If signature page is not signed by an elected official or principle exe a copy of signature authority/delegation letter must be attached)	ecuti	ve offic	⊠ cer,	Yes
Plain Language Summary			\boxtimes	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): <u>0.15</u>

2-Hr Peak Flow (MGD): o.60

Estimated construction start date: <u>06/2025</u> Estimated waste disposal start date: <u>01/2027</u>

B. Interim II Phase

Design Flow (MGD): <u>0.30</u>

2-Hr Peak Flow (MGD): <u>1.20</u>

Estimated construction start date: <u>03/2027</u>

Estimated waste disposal start date: <u>08/2029</u>

C. Final Phase

Design Flow (MGD): 0.395

2-Hr Peak Flow (MGD): 1.58

Estimated construction start date: 12/2028

Estimated waste disposal start date: 05/2030

D. Current Operating Phase

Provide the startup date of the facility: N/A

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

than one phase exists or is proposed, a description of each phase must be provided. See attachment 11

finish with the point of discharge. Include all sludge processing and drying units. **If more**

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: 32.553334 • Longitude: -96.761488

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

Collection System Informate each uniquely owned collection systems. examples.	tion system, existir Please see the inst	ng and new, served by the	is facility, including
Collection System Information Collection System Name	Owner Name	Owner Type	Population Served
N/A	N/A	Choose an item.	N/A
1471	14/11	Choose an item.	11/11
		Choose an item.	
		Choose an item.	
☐ Yes ☒ No If yes, does the existing per years of being authorized b		e that has not been cons	tructed within five
If yes, does the existing per	y the TCEQ? scussion regarding t justification may	the continued need for t	the unbuilt phase.
If yes, does the existing per years of being authorized b Yes No If yes, provide a detailed dis Failure to provide sufficient	y the TCEQ? scussion regarding t justification may	the continued need for t	the unbuilt phase.

цу	yes, was a closure plan submitted to the ICEQ?
TC -	Yes No
N	yes, provide a brief description of the closure and the date of plan approval. A Cotton 6. Permit Specific Requirements (Instructions Page 45)
Fo	r applicants with an existing permit, check the Other Requirements or Special Provisions of e 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
	If yes, provide the date(s) of approval for each phase: N/A Provide information, including dates, on any actions taken to meet a <i>requirement or</i> 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.	Ot	her actions required by the current permit
	sul	tes the <i>Other Requirements</i> or <i>Special Provisions</i> section in the existing permit require bmission of any other information or other required actions? Examples include tification of Completion, progress reports, soil monitoring data, etc.
		□ Yes ⊠ No
		yes, provide information below on the status of any actions taken to meet the nditions of an <i>Other Requirement</i> or <i>Special Provision</i> .
	N	/A – This is an application for a new permit.
D.	Gr	it 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
	J.	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.

		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.	Sto	ormwater 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 <u>N/A</u> or TXRNE <u>N/A</u>
		If no, do you intend to seek coverage under TXR050000?
		□ Yes ⊠ No
	<i>3.</i>	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

Describe the method of grit disposal.

	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
<i>5.</i>	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.	Dis	scharges to the Lake Houston Watershed
	Do	es the facility discharge in the Lake Houston watershed?
		□ Yes ⊠ No
	If y <u>N/</u>	ves, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. $\underline{\mathbf{A}}$
G.	Ot	her wastes received including sludge from other WWTPs and septic waste
	1.	Acceptance of sludge from other WWTPs
		Does or will the facility accept sludge from other treatment plants at the facility site?
		□ Yes ⊠ No
		If yes, attach sewage sludge solids management plan. See Example 5 of instructions.
		In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an
		estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.
		N/A
		Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.
	2.	Acceptance of septic waste
		Is the facility accepting or will it accept septic waste?
		□ Yes ⊠ No
		If yes, does the facility have a Type V processing unit?
		□ Yes □ No
		If yes, does the unit have a Municipal Solid Waste permit?
		□ Yes □ No

	design BOD ₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.
	N/A
	Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.
3.	Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)
	Is or will the facility accept wastes that are not domestic in nature excluding the categories listed above?
	□ Yes ⊠ No
	If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.
	N/A
Secti	on 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.
compl	provide effluent analysis data for the listed pollutants. <i>Wastewater treatment facilities</i> lete Table 1.0(2). <i>Water treatment facilities</i> discharging filter backwash water, complete 1.0(3). Provide copies of the laboratory results sheets. These tables are not applicable

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

for a minor amendment without renewal. See the instructions for guidance.

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

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD 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				
Entercocci (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

Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	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: TBD

Facility Operator's License Classification and Level: TBD

Facility Operator's License Number: <u>TBD</u>

[†]TLAP permits only

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

WW	TP's Biosolids Management Facility Type
Che	ck all that apply. See instructions for guidance
	Design flow>= 1 MGD
	Serves >= 10,000 people
	Class I Sludge Management Facility (per 40 CFR § 503.9)
\boxtimes	Biosolids generator
	Biosolids end user – land application (onsite)
	Biosolids end user – surface disposal (onsite)
	Biosolids end user – incinerator (onsite)
ww	TP's Biosolids Treatment Process
Che	ck all that apply. See instructions for guidance.
\boxtimes	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: <u>N/A</u>

C. Biosolids Management

B.

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): Click to enter text.

D. Disposal site

Disposal site name: TBD

TCEQ permit or registration number: <u>TBD</u> County where disposal site is located: <u>TBD</u>

E. Transportation method

Method of transportation (truck, train, pipe, other): <u>TBD</u>

Name of the hauler: <u>TBD</u>

Hauler registration number: <u>TBD</u>

Sludge is transported as a:

Liquid \square semi-liquid \boxtimes semi-solid \boxtimes solid \square

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				
В.	Sludge	e processing authorization				
		the existing permit include authorization for se or disposal options?	or an	y of the	follow	ving sludge processing,
	Slu	dge Composting		Yes	\boxtimes	No
	Ma	rketing and Distribution of sludge		Yes	\boxtimes	No
	Slu	dge Surface Disposal or Sludge Monofill		Yes	\boxtimes	No
	Tei	mporary storage in sludge lagoons		Yes	\boxtimes	No
	author	to any of the above sludge options and the rization, is the completed Domestic Wastevical Report (TCEQ Form No. 10056) attache	vater	Permit	Applio	cation: Sewage Sludge
		Yes □ No				
Se	ection	11. Sewage Sludge Lagoons (Inst	ruci	tions l	Page !	53)
		facility include sewage sludge lagoons?			<u>O</u> .	,
	□ Ye					
If	yes, cor	nplete the remainder of this section. If no,	proc	eed to S	Section	12.
A.	Location	on 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					

_
□ 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: <u>N/A</u>

Located less than 60 meters from a fault

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: <u>N/A</u> Selenium: <u>N/A</u>

Zinc: <u>N/A</u>

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 $1x10^{-7}$ cm/sec?

	□ Yes □ No					
	If yes, describe the liner below. Please note that a liner is required.					
	N/A					
D.	Site d	evelopment plan				
	Provid	le a detailed description of the methods used to deposit sludge in the lagoon(s):				
	N/A					
	Attacl	n 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.	Grour	ndwater 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.					

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 55)

A. Additional authorizations	
Does the permittee have additional authorizations for this authorization, sludge permit, etc?	s facility, such as reuse
□ Yes ⊠ No	
If yes, provide the TCEQ authorization number and descri	ption of the authorization:
N/A	
B. Permittee enforcement status	
Is the permittee currently under enforcement for this facil	lity?
□ Yes ⊠ No	
Is the permittee required to meet an implementation scheenforcement?	dule for compliance or
□ Yes ⊠ No	
If yes to either question, provide a brief summary of the e schedule, and the current status:	enforcement, the implementation
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?

B. Remediation activity wastewater

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

□ Yes ⊠ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Pat O'Hanlon

Title: President

Signature: 1 at

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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CERTIFICATION:

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

Printed Name: Mehrdad Moayedi

Title: President

Signature: _ 🛵

Date: 6/20/2024

DOMESTIC WASTEWATER PERMIT APPLICATION **TECHNICAL REPORT 1.1**

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

Justification for Permit (Instructions Page 57) Section 1.

A. Justification of permit need

B.

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 serve an approximately 170-acre proposed single family development.
Regionalization of facilities
For additional guidance, please review <u>TCEQ's Regionalization Policy for Wastewater Treatment</u> 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: <u>N/A</u>
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: <u>N/A</u>
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: N/A 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? \boxtimes Yes If ves, 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: N/A 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 Facility Design Flow (flow being requested in application): N/A

A. Current organic loading

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	0.395	325
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 BOD₅ 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: <u>N/A</u>

	Biochemical Oxygen Demand (5-day), mg/l: <u>10</u>
	Total Suspended Solids, mg/l: <u>15</u>
	Ammonia Nitrogen, mg/l: <u>3</u>
	Total Phosphorus, mg/l: <u>N/A</u>
	Dissolved Oxygen, mg/l: 4
	Other: <u>N/A</u>
C.	Final Phase Design Effluent Quality
	Biochemical Oxygen Demand (5-day), mg/l: <u>10</u>
	Total Suspended Solids, mg/l: <u>15</u>
	Ammonia Nitrogen, mg/l: 3
	Total Phosphorus, mg/l: <u>N/A</u>
	Dissolved Oxygen, mg/l: 4
	Other: <u>N/A</u>
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: <u>N/A</u> seconds contact time at peak flow
	□ Other: <u>N/A</u>
Sec	ction 4. Design Calculations (Instructions Page 59)
	ach design calculations and plant features for each proposed phase. Example 4 of the tructions includes sample design calculations and plant features.
	Attachment: 17
Sec	ction 5. Facility Site (Instructions Page 60)
	100-year floodplain
	Will the proposed facilities be located <u>above</u> 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.
	FEMA FIRM 48113C0645K & 48139C0070G, See attachment 18
	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: $\underline{N/A}$
В.	Wind rose
	Attach a wind rose: Attachment: 19
Sc	ection 6. Permit Authorization for Sewage Sludge Disposal
30	(Instructions Page 60)
Δ	Beneficial use authorization
2 3.0	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): $\underline{\rm N/A}$
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): $\underline{\rm N/A}$

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 it 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 \boxtimes 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: Graded man-made 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/AAverage depth of water body within a 500-foot radius of discharge point, in feet: Man-made Channel or Ditch Open Bay Tidal Stream, Bayou, or Marsh Other, specify: Click to enter text. **B.** Flow characteristics If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one). Intermittent - dry for at least one week during most years Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses Perennial - normally flowing Check the method used to characterize the area upstream (or downstream for new dischargers). USGS flow records Historical observation by adjacent landowners \boxtimes Personal observation Other, specify: Click to enter text.

C.	C. Downstream perennial confluences			
	n the receiving water within three miles			
	Bear C	creek		
D.	Downs	tream characteristics		
		receiving water characteristics change (e.g., natural or man-made dams		ithin three miles downstream of the ds, reservoirs, etc.)?
	\boxtimes	Yes □ No		
	If yes,	discuss how.		
		arge flows into a graded grass-lined char ll Bear Creek Channel.	nnel (to be built) and then discharges into the
E.		l dry weather characteristics	odv	during normal dry weather conditions.
	The re			nt graded grass lined channel with low flow
	Date a	nd time of observation: <u>05/17/2024</u>		
	Was th	e water body influenced by stormwa	ater r	runoff during observations?
		Yes 🗆 No		
Se	ection	5. General Characteristics 66)	of t	he Waterbody (Instructions Page
A.	Upstre	am influences		
		mmediate receiving water upstream iced by any of the following? Check		ne discharge or proposed discharge site nat apply.
		Oil field activities	\boxtimes	Urban runoff
		Upstream discharges		Agricultural runoff
		Septic tanks		Other(s), specify: <u>Click to enter text.</u>

B. Waterbody uses Observed or evidences of the following uses. Check all that apply. Livestock watering Contact recreation Irrigation withdrawal Non-contact recreation **Fishing Navigation** Domestic water supply Industrial water supply Park activities 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 \boxtimes 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: <u>o</u>

Average Daily Flows, in MGD: <u>o</u>

Significant IUs – non-categorical:

Number of IUs: <u>o</u>

Average Daily Flows, in MGD: <u>o</u>

Other IUs:

Number of IUs: <u>o</u>

Average Daily Flows, in MGD: <u>o</u>

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

	□ 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
ח	Dustrus at a sugaran
υ.	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.
Se	ection 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 90)
Α.	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 <i>40 CFR §403.18</i> ?
	□ Yes □ No
	If yes , identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.
	N/A

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

C. Treatment plant pass through

□ Yes □			nd acceptance?	
	No			
	ll non-substantial mo irpose of the modific		at have not been s	submitted to TCEQ,
N/A				
-	ters above the MAL			
	list all parameters me ng the last three year			
· ·	,		ttatiinent n nect	288a1 y.
	Concentration		Timita	Doto
Pollutant	Concentration	MAL	Units	Date
. Industrial user i	nterruptions			
	J, or other IU caused			
	pass throughs) at yo	our POTW in the	e past three years	S?
☐ Yes ☐	No	anah anjaada	including dates	duration description
	he industry, describe , and probable pollut		including dates,	duration, description
N/A				

B. Non-substantial modifications

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

A. General information

	Company Name: <u>N/A</u>
	SIC Code: <u>N/A</u>
	Contact name: <u>N/A</u>
	Address: <u>N/A</u>
	City, State, and Zip Code: <u>N/A</u>
	Telephone number: <u>N/A</u>
	Email address: <u>N/A</u>
В.	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.	
D.	Flow rate information
D.	Flow rate information See the Instructions for definitions of "process" and "non-process wastewater."
D.	Flow rate information See the Instructions for definitions of "process" and "non-process wastewater." Process Wastewater:
D.	Flow rate information See the Instructions for definitions of "process" and "non-process wastewater." Process Wastewater: Discharge, in gallons/day: 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
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:
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
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:

E.	Pretreatment standards
	Is the SIU or CIU subject to technically based local limits as defined in the <i>i</i> nstructions?
	□ Yes □ No
	Is the SIU or CIU subject to categorical pretreatment standards found in 40 CFR Parts 405 - 471 ?
	□ Yes □ No
	If subject to categorical pretreatment standards , indicate the applicable category and subcategory for each categorical process.
	Category: Subcategories: <u>N/A</u>
	Click or tap here to enter text. N/A
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
	Category: <u>N/A</u>
	Subcategories: <u>N/A</u>
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



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	Submissi	on (If other is checked	please describ	e in space pr	ovided.)						
New Pern	nit, Registra	ation or Authorization	(Core Data Forr	n should be s	submitte	d with the	progi	ram application.)			
Renewal	(Core Data	Form should be submi	tted with the re	newal form)			O	ther			
2. Customer	Reference	Number (if issued)		Follow this I	ink to sea	arch :	3. Reg	gulated Entity Re	ference	Number (if i	ssued)
CN 601261F	·0F			for CN or RN Central R							
CN 6013615	95			Central	тедізсі ү	_					
SECTIO	N II:	Customer	Inform	nation	1						
4. General Cu	ıstomer Ir	nformation	5. Effective	Date for Cu	ustomer	Informa	ation	Updates (mm/dd/	уууу)		
New Custon	mer	⊠u	pdate to Custo	mer Informa	tion		Chan	ge in Regulated En	tity Owne	ership	
Change in Lo	egal Name	(Verifiable with the Te	as Secretary of	f State or Tex	as Comp	troller of	Public	Accounts)			
The Custome	r Name su	ıbmitted here may l	be updated a	utomatical	ly based	on who	it is c	urrent and active	with th	ne Texas Seci	etary of State
(SOS) or Texa	s Comptro	oller of Public Accou	nts (CPA).								
6. Customer	Legal Nam	ne (If an individual, pri	nt last name fir	st: eg: Doe, J	lohn)			If new Customer,	enter pre	evious Custom	er below:
Lancaster Mun	icipal Utilit	y District No. 1						N/A			
7. TX SOS/CP	S/CPA Filing Number 8. TX State Tax ID (11 digits) 9. Federal Tax ID 10. DUNS Number (if					Number (if					
N/A			N/A					(9 digits)		applicable)	
								N/A		N/A	
								.47.			
11. Type of C	ustomer:	☐ Corpora	ion			i	Individ	ual	Partne	ership: 🔲 Gen	eral Limited
Government: [City 🔲	County 🗌 Federal 🔲	Local 🗌 State	⊠ Other			Sole Pr	roprietorship	Otl	her: Limited Li	ability Company
12. Number o	of Employ	ees						13. Independer	ntly Ow	ned and Ope	erated?
☑ 0-20 □ 2	21-100 [101-250 251-	500 🗌 501	and higher				☐ Yes	□ No		
14. Customer	r Role (Pro	posed or Actual) – as i	t relates to the	Regulated Er	ntity liste	d on this j	form. I	Please check one of	the follo	owing	
Owner		Operator		ner & Opera	ator			Other:			
Occupation	al Licensee	Responsible Pa	rty 🔲 \	VCP/BSA App	olicant			□ Other.			
	Lancaste	r Municipal Utility Dist	rict No. 1								
15. Mailing	1980 Pos	t Oak Blvd., Ste. 1380									
Address:	City	Houston		State	TX	7	IP	77056		ZIP + 4	Γ
					1						
16. Country I	Mailing In	formation (if outside	USA)			17. E-M	lail Ac	ddress (if applicabl	e)		
						lancaste	rmud@	@sklaw.us			
18 Telenhon	e Number		1	9 Extensio	on or Co	de		20 Fay N	umber	(if annlicable)	

TCEQ-10400 (11/22) Page 1 of 3

(713)850-9000		() -
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SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity" is selected, a new permit application is also required.)									
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information									
The Regulated Entity Nar as Inc, LP, or LLC).	me submitte	ed may be upda	ated, in order to m	eet TCEQ Cor	e Data Star	ndards (i	removal of or	ganizatio	nal endings such
22. Regulated Entity Nam	n e (Enter nan	ne of the site whe	re the regulated action	on is taking pla	ce.)				
Lancaster Municipal Utility D	istrict No. 1 E	Bear Creek Treatm	nent Plant						
23. Street Address of the Regulated Entity:	N/A								
(No PO Boxes)	City		State		ZIP			ZIP + 4	
24. County	Dallas	•	·	·					
		If no Stre	eet Address is prov	ided, fields 2	5-28 are re	quired.			
25. Description to	Approxima	telv 0.85 miles so	utheast of the interse	ection of E Rein	ideer Road ar	nd S Dalla	ıs Ave Ellis Co	untv. Texas.	
Physical Location:	1-1-	,					,	,,	
26. Nearest City State Nearest ZIP Code									
Lancaster TX 75146									
Editedotei									
Latitude/Longitude are rused to supply coordinate	-	-	-		ata Standa	rds. (Ge	ocoding of th	ne Physical	Address may be
Latitude/Longitude are r	es where no	-	-	accuracy).	oata Standa			96.76148	
Latitude/Longitude are rused to supply coordinate	es where no	one have been p	-	accuracy).	ongitude (W	/) In Dec			
Latitude/Longitude are re used to supply coordinate 27. Latitude (N) In Decim	es where no	one have been p	provided or to gair	28. Lo	ongitude (W	/) In Dec	cimal:		38
Latitude/Longitude are re used to supply coordinate 27. Latitude (N) In Decim Degrees	al: Minutes	32.553334	Seconds 12.16	28. Lo Degre	es 96	/) In Dec	cimal: Minutes		Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits)	al: Minutes	32.553334 33	Seconds 12.16	28. Lo Degre 31. Primar (5 or 6 digit	es 96	/) In Dec	cimal: Minutes	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits)	Minutes 30.	32.553334 33 Secondary SIC	Seconds 12.16 Code	28. Lo Degre 31. Primar (5 or 6 digit	96 Ty NAICS Co	/) In Dec	Minutes 45 32. Seco	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits)	Minutes 30.	32.553334 33 Secondary SIC	Seconds 12.16 Code	28. Lo Degre 31. Primar (5 or 6 digit	96 Ty NAICS Co	/) In Dec	Minutes 45 32. Seco	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits)	Minutes 30. (4 c	32.553334 33 Secondary SIC digits)	Seconds 12.16 Code	28. Lo Degre 31. Primar (5 or 6 digit	96 Ty NAICS Co	/) In Dec	Minutes 45 32. Seco	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew	Minutes 30 (4 c) Business of	32.553334 33 Secondary SIC digits)	Seconds 12.16 Code	28. Lo Degre 31. Primar (5 or 6 digit	96 Ty NAICS Co	/) In Dec	Minutes 45 32. Seco	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew 34. Mailing	Minutes 30 (4 of alter Treatme	32.553334 33 Secondary SIC digits)	Seconds 12.16 Code Do not repeat the SIC District No. 1	28. Lo Degre 31. Primar (5 or 6 digit	96 Ty NAICS Co	/) In Dec	Minutes 45 32. Seco	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew	Minutes 30 (4 of alter Treatme	33. Secondary SIC digits) this entity? (Dent	Seconds 12.16 Code Do not repeat the SIC District No. 1	28. Lo Degre 31. Primar (5 or 6 digit	96 Ty NAICS Co	/) In Dec	Minutes 45 32. Seco (5 or 6 dig	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew 34. Mailing	Minutes 30. (4 d) Business of ater Treatme Lancaster 1980 Post	33.5553334 33.Secondary SIC digits) this entity? (Digital of the continuous of the	Seconds 12.16 Code Do not repeat the SIC District No. 1 380 State	28. Lo Degre 31. Primar (5 or 6 digit	96 Ty NAICS Co iption.)	de	Minutes 45 32. Seco (5 or 6 dig	96.76148	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew 34. Mailing Address:	Minutes 30. (4 d) Business of ater Treatme Lancaster 1980 Post	33 33 Secondary SIC digits) this entity? (E Municipal Utility Oak Blvd., Ste. 1 Houston	Seconds 12.16 Code Do not repeat the SIC District No. 1 380 State	28. Lo Degree 31. Primar (5 or 6 digit) 221320 or NAICS descr	es 96 Ty NAICS Co iption.)	/) In Dec	Minutes 45 32. Seco (5 or 6 dig	96.76148 ndary NAI gits)	Seconds 41.70

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.

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Down Sofety		Districts	Edwards Aquifer		Emissions Inv	rambam. Alu	Industrial Hazardous Waste
Dam Safety		Districts	Edwards Aquiler			rentory Air	industrial Hazardous waste
Municipal Solid W	/aste	New Source Review Air	OSSF		Petroleum St	orage Tank	☐ PWS
Sludge		Storm Water	☐ Title V Air		Tires		Used Oil
☐ Voluntary Cleanu	p	⊠ Wastewater	☐ Wastewater Agricu	lture	Water Rights		Other:
	E:						
SECTION I	V: Pr	eparer Inf	<u>ormation</u>				
40. Name: Laura	a Preston			41. Title:	Project Eng	ineer	
42. Telephone Numl	ber	43. Ext./Code	44. Fax Number	45. E-Mail	Address		
(214) 442-6579			() -	lpreston@lja	a.com		
SECTION V	: Au	thorized S	ignature	-			
16. By my signature belo	w, I certify	, to the best of my kno	_	•		•	e, and that I have signature authority ntified in field 39.
Company:	Lancaster	Municipal Utility Distri	ict No. 1	Job Title:	President		
Name (In Print):	Pat O'Han	lon		1		Phone:	(713) 850- 9000
Signature:	Part	016	2			Date:	6-21-24
							

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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

16. Country Mailing Information (if outside USA)

18. Telephone Number

1. Reason for	Submissi	on (If other is checked	please describe	in space pro	ovided.)					
New Perm	nit, Registra	tion or Authorization ((Core Data Form	should be s	ubmitted wit	h the prog	ram application.)			
Renewal (Core Data	Form should be submit	tted with the ren	ewal form)			ther			
2. Customer I	Reference	Number (if issued)	<u>F</u>	ollow this li	nk to search	3. Re	gulated Entity Re	ference	Number (if is	ssued)
CN 6057357	CN 605735794		<u>f</u>	for CN or RN numbers in Central Registry**		RN				
SECTION	N II:	<u>Customer</u>	<u>Inform</u>	<u>ation</u>	•					
4. General Cu	stomer In	formation	5. Effective D	ate for Cu	stomer Info	rmation	Updates (mm/dd/	уууу)		
☐ New Custor☐ Change in Le		U Verifiable with the Tex	pdate to Custom kas Secretary of S				nge in Regulated Ent : Accounts)	ity Own	ership	
		bmitted here may l ller of Public Accou	-	tomaticall	y based on	what is c	urrent and active	with th	ne Texas Secr	retary of State
6. Customer I	egal Nam	e (If an individual, prii	nt last name first	t: eg: Doe, J	ohn)		If new Customer,	enter pre	evious Custom	er below:
CTMGT BEAR C	REEK LLC						N/A			
7. TX SOS/CPA	A Filing No	ımber	8. TX State Ta	ax ID (11 di	gits)		9. Federal Tax I	D	10. DUNS I	Number (if
·			,				N/A		N/A	
11. Type of C	ustomer:	☐ Corporat	ion			☐ Individ	lual	Partne	ership: 🔲 Gen	eral 🗌 Limited
Government:	City 🔲 C	county 🔲 Federal 🔲	Local 🗌 State [Other		Sole P	roprietorship	⊠ Ot	her: Limited Li	ability Company
12. Number o	of Employ	ees					13. Independer	ntly Ow	ned and Ope	erated?
□ 0-20 □ 2	21-100] 101-250	500 🔲 501 a	nd higher			☐ Yes	□ No		
14. Customer	Role (Prop	oosed or Actual) – as i	t relates to the R	egulated En	ntity listed on	this form.	Please check one of	the follo	owing	
Owner Occupationa	al Licensee	Operator Responsible Par	_	ner & Opera CP/BSA App			Other:			
15. Mailing	CTMGT B	EAR CREEK LLC								
Address:	1800 VAL	LEY VIEW LN STE 300								
Addiess.	City	FARMERS BRANCH		State	TX	ZIP	75234		ZIP + 4	

TCEQ-10400 (11/22) Page 1 of 3

19. Extension or Code

17. E-Mail Address (if applicable)

20. Fax Number (if applicable)

jfinch@landmarkinterests.com

(214) 802-4660		() -
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SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity" is selected, a new permit application is also required.)										
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information										
The Regulated Entity Nar as Inc, LP, or LLC).	ne submitte	ed may be upda	ited, in ord	er to meet	TCEQ Cor	e Data Sto	ındards	(removal of	organizatio	nal endings such
22. Regulated Entity Nam	ne (Enter nan	ne of the site whe	re the regula	ated action is	taking pla	ce.)				
Lancaster Municipal Utility D	istrict No. 1 E	Bear Creek Treatm	nent Plant							
23. Street Address of the Regulated Entity:	N/A									
(No PO Boxes)	City		Stat	e		ZIP			ZIP + 4	
24. County	Dallas	•							•	
	•	If no Stre	et Address	is provide	d, fields 2	5-28 are r	equired			
25. Description to	Approximat	tely 0.85 miles so	utheast of th	ne intersectio	n of E Rein	deer Road	and S Da	llas Ave Ellis (County, Texas.	
Physical Location:		,							,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
26. Nearest City State Nearest ZIP Code										
Lancaster TX 75146										
201100000										
Latitude/Longitude are r	-	-	-			ata Stana	 ards. (G	Geocoding of	the Physica	l Address may be
Latitude/Longitude are r	es where no	-	-		curacy).	ata Stana			96.7614	
Latitude/Longitude are rused to supply coordinat	es where no	one have been p	-		curacy).	ongitude (_	
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim	al: Minutes	32.553334 33	Seconds 12		28. Lo	ongitude (ecimal:	_	88
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees	al: Minutes	32.553334	Seconds 12	2.16	28. Lo Degre	es 96 y NAICS C	W) In D	ecimal: Minutes	96.7614	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits)	al: Minutes	32.553334 33	Seconds 12	2.16	28. Lo Degre 1. Primar 5 or 6 digit	es 96 y NAICS C	W) In D	ecimal: Minutes	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code	al: Minutes	32.553334 33 Secondary SIC	Seconds 12	2.16	28. Lo Degre	es 96 y NAICS C	W) In D	ecimal: Minutes 4 32. Se	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits)	Minutes 30.	32.553334 33 Secondary SIC	Seconds 1: Code	2.16 3	Degre 1. Primar 5 or 6 digit	es 96 y NAICS C	W) In D	ecimal: Minutes 4 32. Se	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits)	Minutes 30. (4 c	32.553334 33 Secondary SIC digits)	Seconds 1: Code	2.16 3	Degre 1. Primar 5 or 6 digit	es 96 y NAICS C	W) In D	ecimal: Minutes 4 32. Se	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew	Minutes 30. (4 c	32.553334 33 Secondary SIC digits)	Seconds 1: Code	2.16 3	Degre 1. Primar 5 or 6 digit	es 96 y NAICS C	W) In D	ecimal: Minutes 4 32. Se	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew 34. Mailing	Minutes 30. (4 c) Business of ater Treatme	32.553334 33 Secondary SIC digits)	Seconds 1: Code	2.16 3	Degre 1. Primar 5 or 6 digit	es 96 y NAICS C	W) In D	ecimal: Minutes 4 32. Se	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew	Minutes 30. (4 c) Business of ater Treatme	33. Secondary SIC digits) this entity? (Dent	Seconds 1: Code	2.16 2.t the SIC or N	Degre 1. Primar 5 or 6 digit	es 96 y NAICS C	W) In D	ecimal: Minutes 4 32. Se (5 or 6	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew 34. Mailing	Minutes 30. (4 c) Business of ater Treatme CTMGT BI 1800 Valle City	33. Secondary SIC digits) this entity? (Description)	Seconds 1: Code onot repeat	2.16 2.t the SIC or N	28. Lo Degre 1. Primar 5 or 6 digit 21320 AICS descri	es 96 y NAICS C s)	W) In D	ecimal: Minutes 4 32. Se (5 or 6	96.7614 5 condary NA	Seconds 41.70
Latitude/Longitude are rused to supply coordinate 27. Latitude (N) In Decim Degrees 32 29. Primary SIC Code (4 digits) 4952 33. What is the Primary E Municipal Domestic Wastew 34. Mailing Address:	Minutes 30. (4 c) Business of ater Treatme CTMGT BI 1800 Valle City	33 33 Secondary SIC digits) this entity? (E AR CREEK LLC ey View Ln Ste. 30 Farmers Brance	Seconds 1: Code onot repeat ono w.us	2.16 2.t the SIC or N	Degre 1. Primar 5 or 6 digit 21320 AICS descri	es 96 y NAICS C iption.)	ode	ecimal: Minutes 4 32. Se (5 or 6	96.7614 5 condary NA digits)	Seconds 41.70

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.

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Dam Safety	Districts	Edwards Aqu	ifer [Emissions Inventory Air	Industrial Hazardous Waste
Municipal Solid Wa	New Source Review Air	OSSF	. [Petroleum Storage Tank	PWS
Sludge	☐ Storm Water	☐ Title V Air	1] Tires	Used Oil
☐ Voluntary Cleanup		☐ Wastewater /	Agriculture [Water Rights	Other:
W LEEDEN TO	/: Preparer Inf Preston er 43. Ext./Code	44. Fax Number	41. Title: 45. E-Mai	Project Engineer	
214)442-6579 ,		()	lpreston@	ja.com	
. By my signature belov	Authorized S w, I certify, to the best of my know that of the entity specified in Se	owledge, that the info			ee, and that I have signature authority entified in field 39.
Company:	CTMGT BEAR CREEK LLC		Job Title:	President	
lame (In Print):	Mehrdad Moayedi			Phone:	(214) 802-4660
Signature:	mall o	1		Date:	1 1

TCEQ-10400 (11/22) Page 3 of 3



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary 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 as required by <u>Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H</u>. Applicants may modify the template as necessary to accurately describe their 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 the applicant 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.

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.

Lancaster Municipal Utility District No.1 (CN 601361595) proposes to operate Bear Creek Treatment Plant (RN TBD), an activated sludge process operating in the complete mix mode. The facility will be located at approximately 0.85 miles along E Reindeer Road from the intersection with S Dallas Ave, in Lancaster, Ellis County, Texas 75146. This is a new application to discharge at a daily flow up to 395,000 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), ammonium (NH₄-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.

Lancaster Municipal Utility District No.1 (CN 601361595) propone operar la Bear Creek Treatment Plant RN TBD, un proceso de lodos activados que opera en el modo de mezcla complete. La instalación estará ubicada en 0.85 millas a lo largo de E Reindeer Road desde la interseccion con S Dallas Ave, en Lancaster , Condado de Ellis, Texas 75146. Esta es una nueva aplicación para descargar a un flujo diario hasta 395,000 galones por día de aguas residuales domésticas tratadas.

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

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.

TCEQ-20960 (02-09-2023)

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

D ' 1	1 1		C 1 1	
Provide 3	hrigt d	accrintion	of planned	activation
I I OVIUE a	титет и	CSCLIDUOL	от планиси	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.

language notice is n	ecessary. Please pro	ovide the following info	ormation.	
(City)				
(County)				
(Census Tract) Please indicate which City	of these three is the County	e level used for gatherin Census Tract	ng the following informat	tion.
(a) Percent of people	over 25 years of age	e who at least graduated	from high school	
- -		the specified location	race within the specified	location
(d) Percent of Linguis	stically Isolated Hous	seholds by language wit	hin the specified locatior	1
(e) Languages commo	only spoken in area l	by percentage		
(f) Community and/o	or Stakeholder Group	os		
(g) Historic public int	terest or involvemen	t		

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

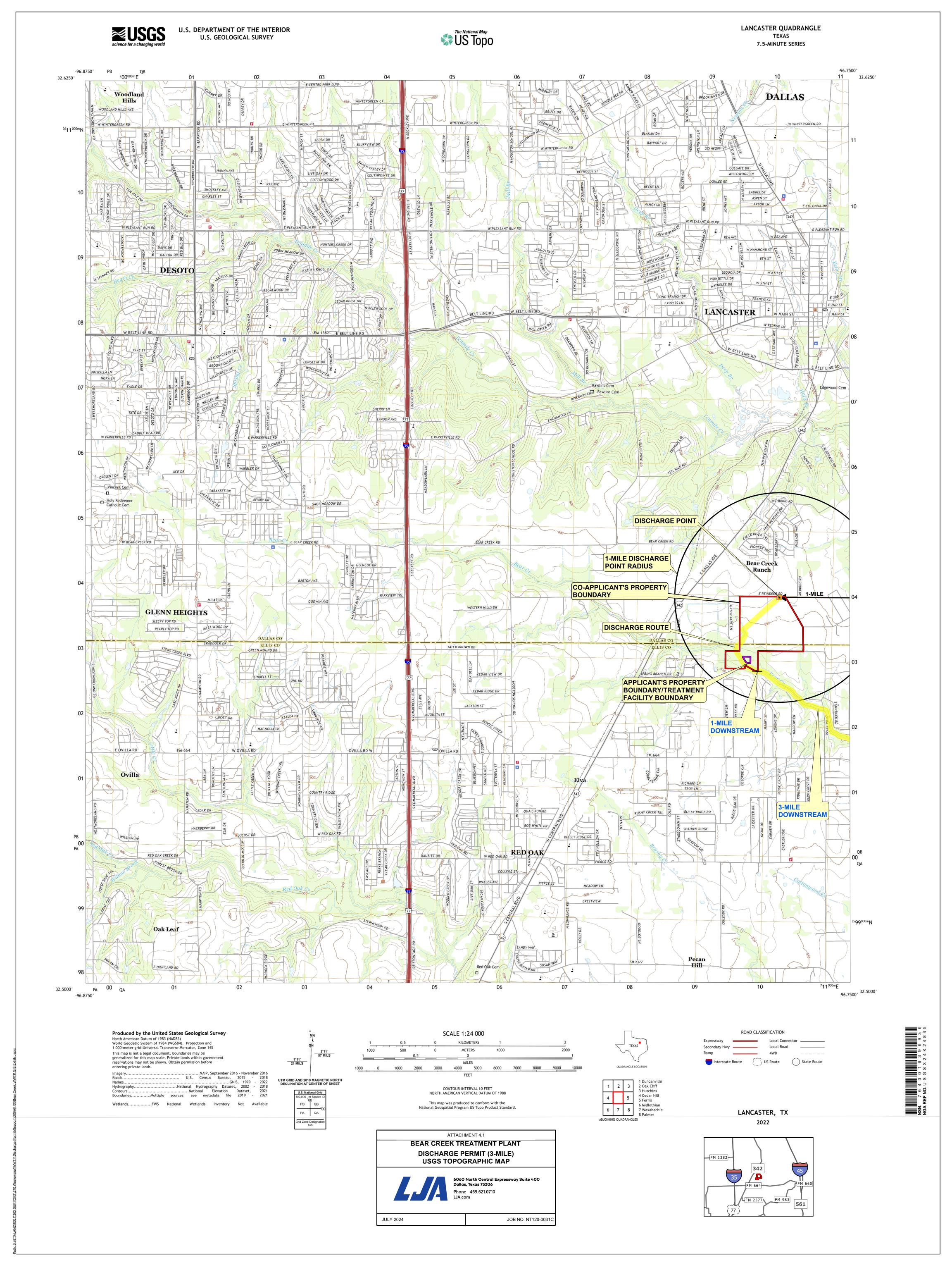
What types of notice will be provided?

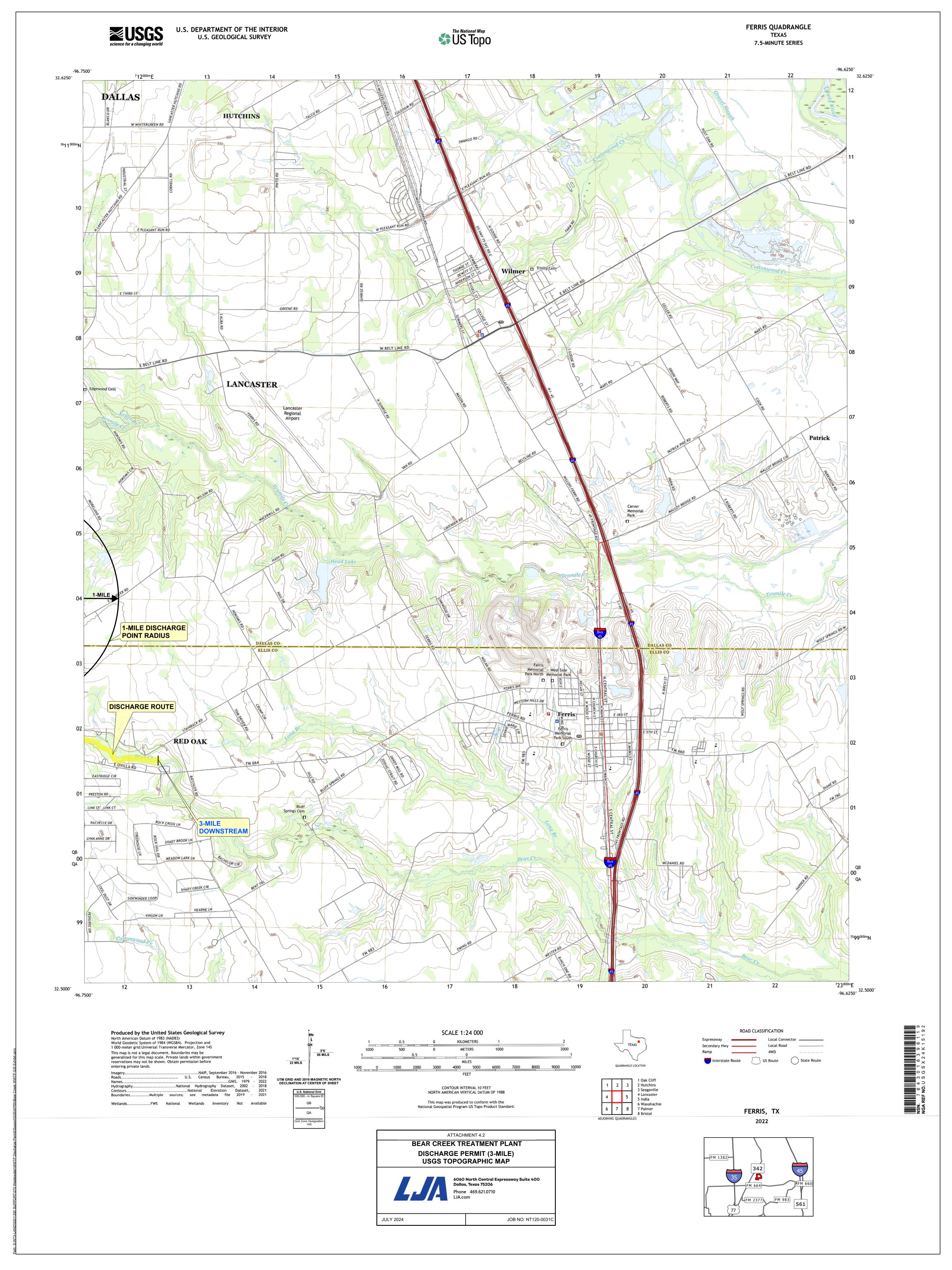
Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCE	EQ USE ONLY:			
App	olication type:RenewalMaj	or Amendment _	Minor Amendment	New
	inty:			
	nin Complete Date:			
Ageı	ency Receiving SPIF:			
	Texas Historical Commission	U.S	. Fish and Wildlife	
	Texas Parks and Wildlife Departm	nent U.S	. Army Corps of Enginee	rs
This f	form applies to TPDES permit applica	ations only. (Instr	uctions, Page 53)	
Comp our aş is nee	plete this form as a separate document agreement with EPA. If any of the item eded, we will contact you to provide t item completely.	nt. TCEQ will mai is are not comple	l a copy to each agency a tely addressed or furthe	r information
attach applic comp may b	ot refer to your response to any item hment for this form separately from section will not be declared administrableted in its entirety including all attable directed to the Water Quality Divis at WO-ARPTeam@tceq.texas.gov or be	the Administrativatively complete characteristics characteristics and characteristics are strong to the characteristics and construction and construction are characteristics.	ve Report of the application without this SPIF form be ons or comments concern Review and Processing	ion. The eing ning this form
The fo	following applies to all applications:			
1. Pe	ermittee: <u>Lancaster Municipal Utility I</u>	<u>District No. 1</u>		
Pe	ermit No. WQ00 <u>N/A</u>	EPA II) No. TX <u>N/A</u>	
	ddress of the project (or a location dend county):	escription that in	cludes street/highway, c	ity/vicinity,
A	Approximately 0.85 miles southeast of the County, Texas.	e intersection of E	Reindeer Road and S Dallas	s Ave., Ellis

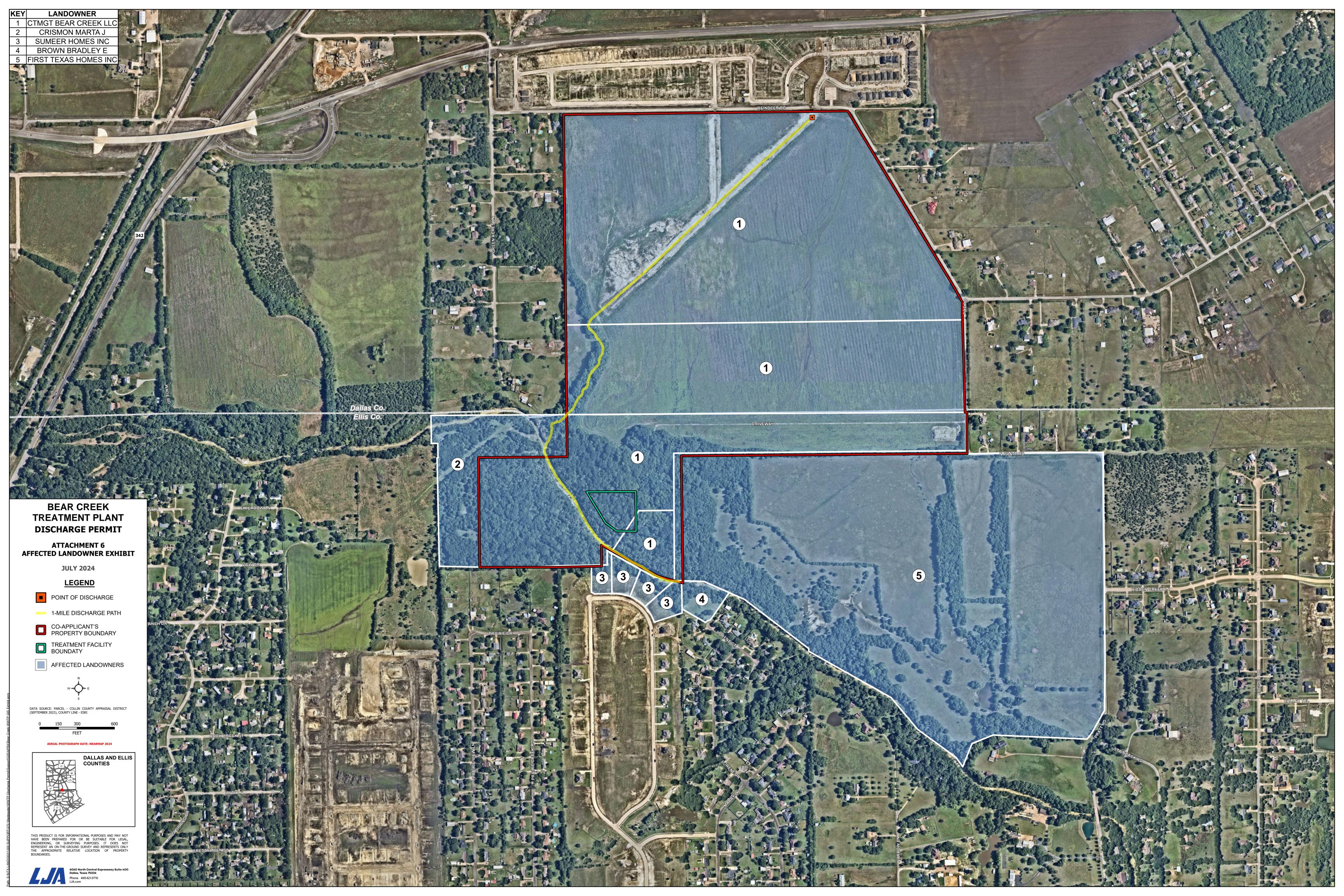
Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.
Prefix (Mr., Ms., Miss): Mr.
First and Last Name: <u>Ryan E. LaRue</u>
Credential (P.E, P.G., Ph.D., etc.): <u>N/A</u>
Title: Partner
Mailing Address: <u>1980 Post Oak Blvd., Ste 1380</u>
City, State, Zip Code: <u>Houston, TX, 77056</u>
Phone No.: <u>713-850-9000</u> Ext.: <u>225</u> Fax No.:
E-mail Address: <u>LaRue@sklaw.us</u>
List the county in which the facility is located: <u>Dallas</u>
If the property is publicly owned and the owner is different than the permittee/applicant,
please list the owner of the property. N/A
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.
To a man-made drainage channel, thence to Bear Creek, thence to Red Oak Creek, thence to
the Trinity River in Segment 0805 of the Upper Trinity River basin.
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

2.3.

4.

5.

	☐ 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 regetation and land uses
2.	Describe existing disturbances, vegetation, and land use: <u>Undeveloped land</u>
	HE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR MENDMENTS 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.



- CTMGT BEAR CREEK LLC
 1800 VALLEY VIEW LN ST 300
 FARMERS BRANCH TX 75234
- 2. CRIMSON MARTA J 3104 GREEN ACRE LN RED OAK TX 75154
- 3. SUMEER HOMES INC. 2404 TEXAS DR STE 103 IRVING TX 75062
- 4. BROWN BRADLEY E 309 LORENE CT RED OAK TX 75154
- 5. FIRST TEXAS HOMES INC. PO BOX 142033 IRVING TX 75014

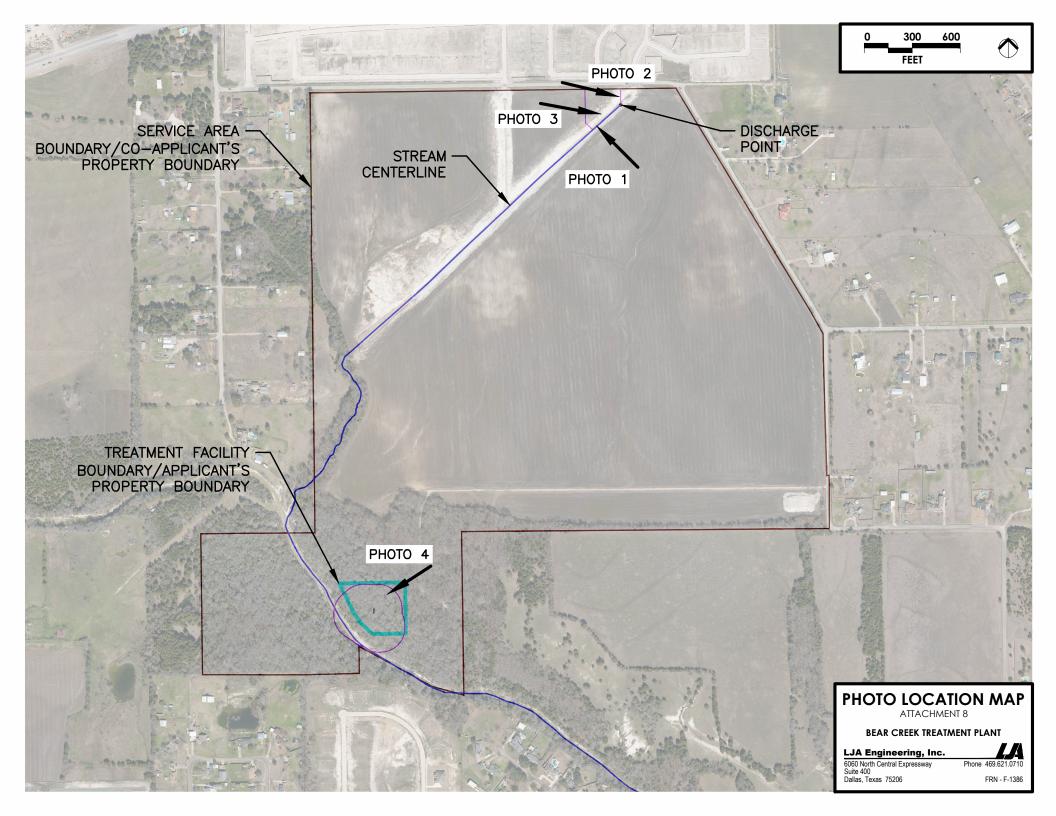




Photo 1: Downstream of discharge location into graded channel



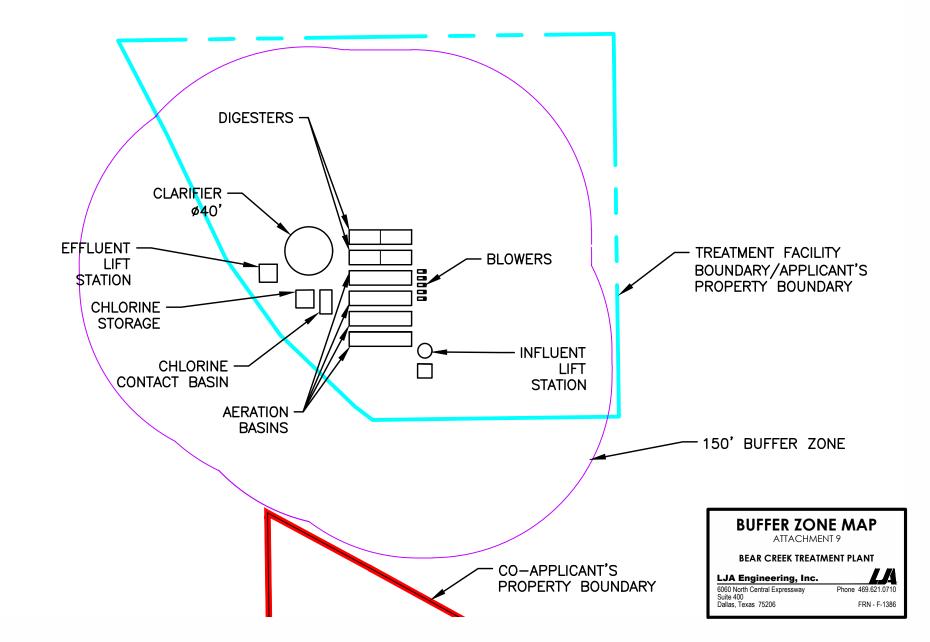
Photo 2: Upstream of discharge location into the concrete storm sewer pipe

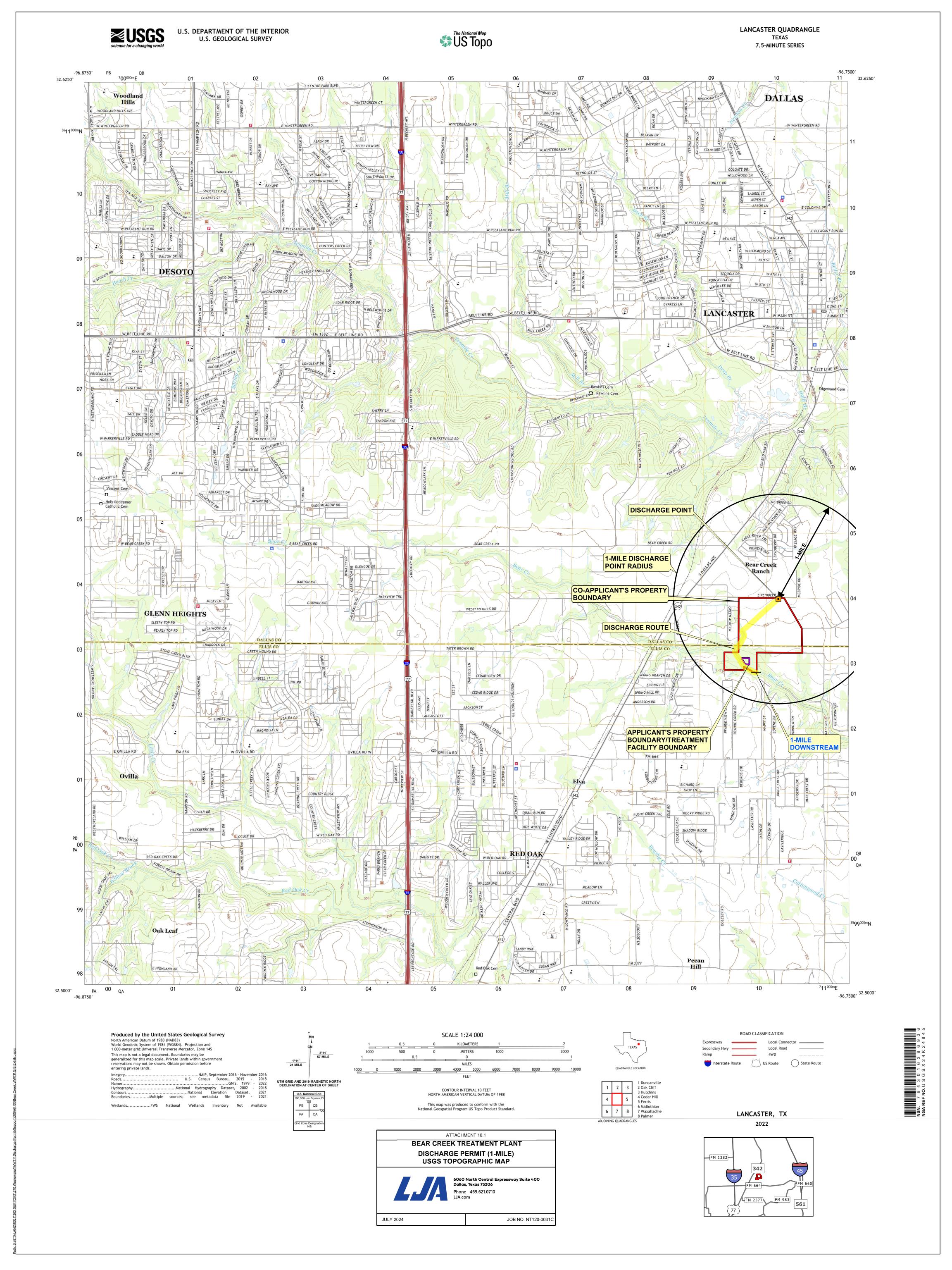


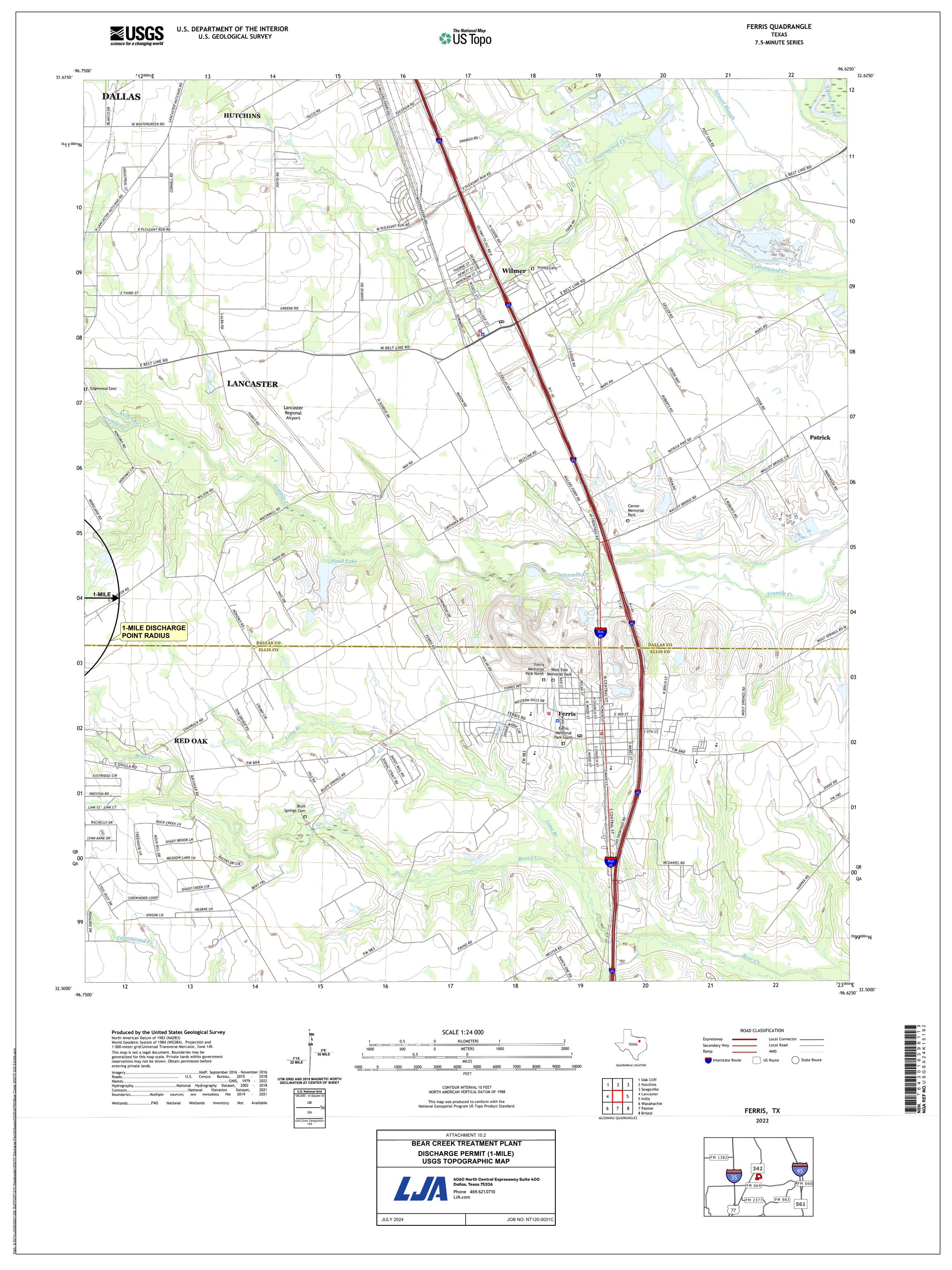
Photo 3: Area of Discharge point



Photo 4: Bear Creek Treatment Plant site







ATTACHMENT 11 DESCRIPTION OF THE TREATMENT PROCESS

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

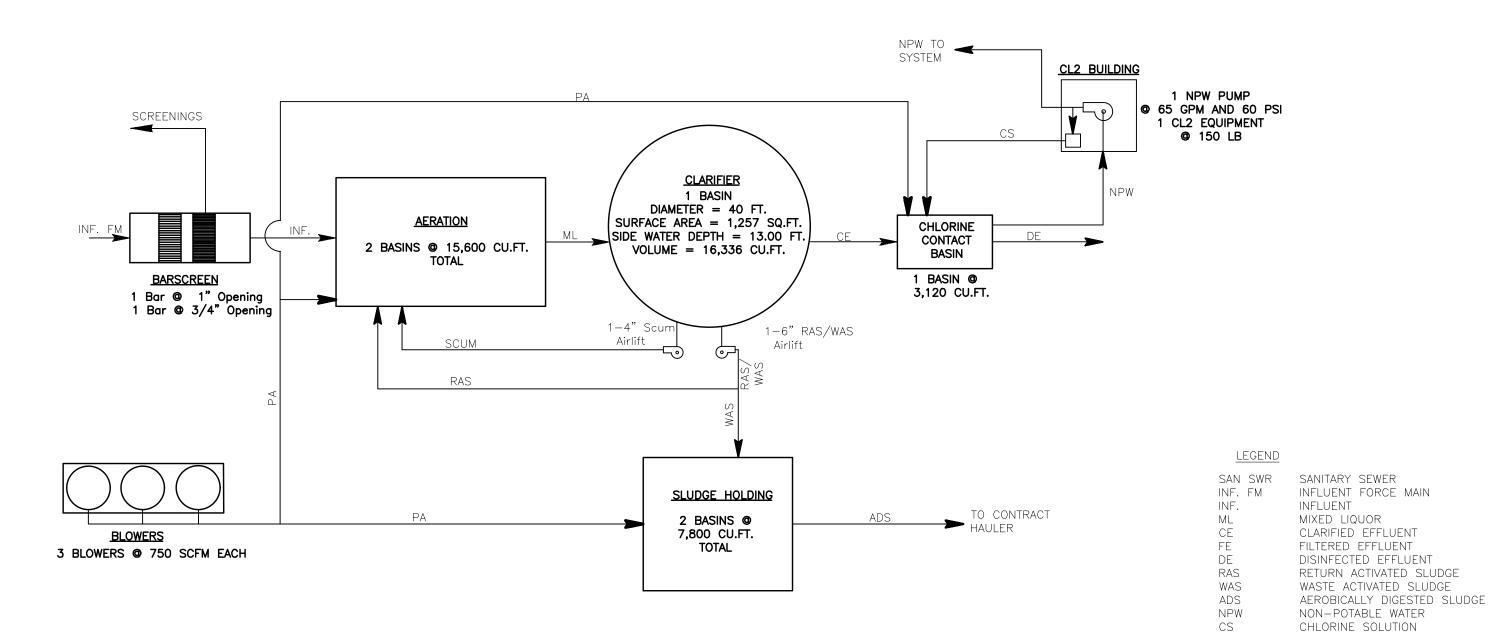
The treatment system includes a package plant employing the activated sludge process operating in the complete mix mode. The plant will be developed in four phases and will include two treatment trains when complete. Phase 1, Phase 2, and the Final Phase 3 will have a capacity of 0.15, 0.30, and 0.395 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, the two planned phases will have a common outfall and sampling point that will be pumped north by an effluent pumping station.

The completed treatment train will consist of steel "box car" units used for aeration and digestion. Two aeration basins, one sludge digestion basin, one 40' diameter clarifier and one chlorine contact basin will be fabricated for Phase 1. Phase 2 will include two additional aeration basins, one additional sludge digestion basin, and will utilize the Phase 1 chlorine contact basin and 40' diameter clarifier. The Final Phase will utilize the Phase 1 chlorine contact basin, 40' diameter clarifier, and the Phase 2 sludge digestion and aeration basins.

Influent to this facility will be pumped from an on-site lift station to a bar screen. In the Final Phase, 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 clarifier. The clarified effluent from the clarifier will then flow to the chlorine contact basin and the disinfected plant effluent will be pumped north across the development to an outfall point via a 36" pipe where it will outfall into a graded grass-lined channel. 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	52*12*14	_	П	D
Clarifier	1	40*Dia*14.0	RIN	PHASE 1).15 MGE
Cl2 Contact Basin	1	12*20*14		Η	15
Aerobic Digester	1	52*14*12.5	_	<u> </u>	0.
Aeration Basin	2	52*12*14)
Aeration Basin	2	52*12*14	≥	E 2	<u>G</u> D
Clarifier	1	40*Dia*14.0	re R	PHASE 2	.30 MGE
Cl2 Contact Basin	1	12*20*14	Z	PH	0.3
Aerobic Digester	1	52*14*12.5			
Aerobic Digester	1	52*14*12.5			
Aeration Basin	4	52*12*14	TE	3	зD
Clarifier	1	40*Dia*14.0	ULTIMATE	PHASE 3	395 MG
Cl2 Contact Basin	1	12*20*14		ΑĦ	395
Aerobic Digester	2	52*14*12.5	5	Δ.	0.5

Bolded	New processes
Shaded	Existing processes



PHASE	AVG. DAILY FLOW	PEAK FLOW
PHASE 1	0.15 MGD	0.60 MGD

ATTACHMENT 13.1

PRESSURE AIR

TOP OF WALL ELEVATION

FINISHED GRADE ELEVATION

WATER SURFACE ELEVATION

PROCESS FLOW DIAGRAM INTERIM PHASE 1 - 0.15 MGD

LJA Engineering, Inc.

TOW

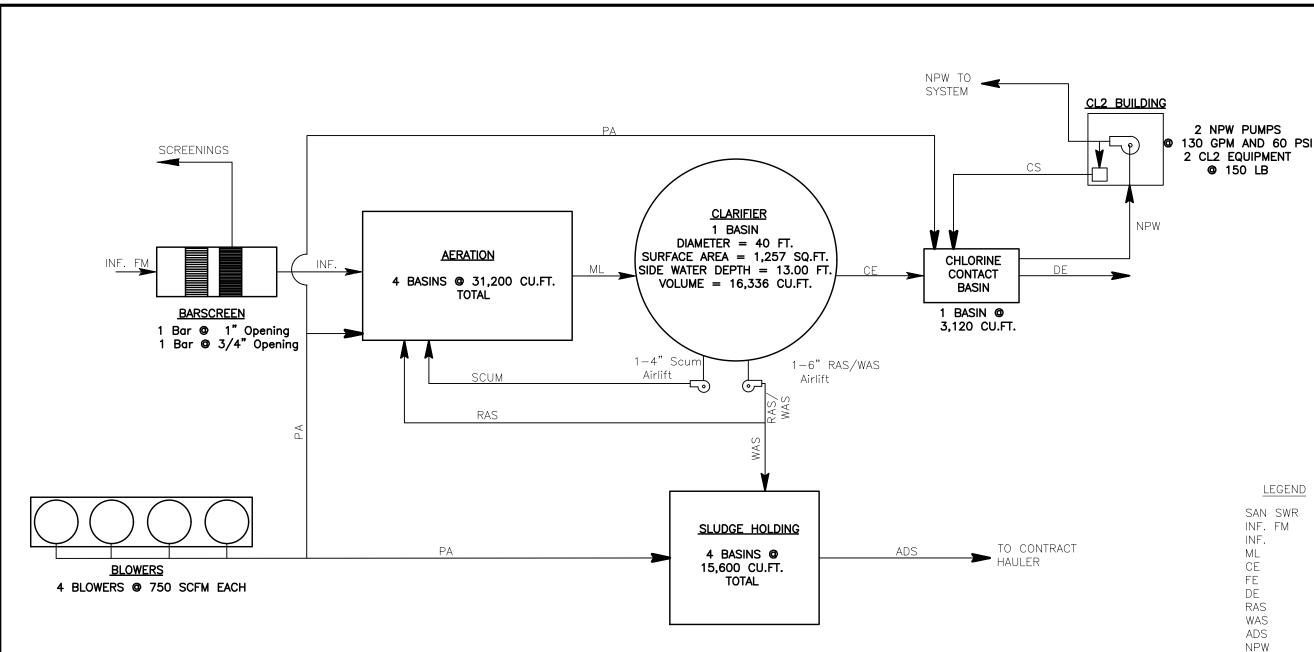
WSEL

FG

3600 W Sam Houston Parkway S. Suite 600

Phone 713.953.5200 Fax 713.953.5026 FRN - F-1386

Houston, Texas 77042



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

SANITARY SEWER

MIXED LIQUOR

INFLUENT

INFLUENT FORCE MAIN

CLARIFIED EFFLUENT

FILTERED EFFLUENT

DISINFECTED EFFLUENT

NON-POTABLE WATER

CHLORINE SOLUTION

PRESSURE AIR

RETURN ACTIVATED SLUDGE

WASTE ACTIVATED SLUDGE

TOP OF WALL ELEVATION FINISHED GRADE ELEVATION

WATER SURFACE ELEVATION

AEROBICALLY DIGESTED SLUDGE

PROCESS FLOW DIAGRAM PHASE 2 — 0.30 MGD

LJA Engineering, Inc.

3600 W Sam Houston Parkway S. Suite 600

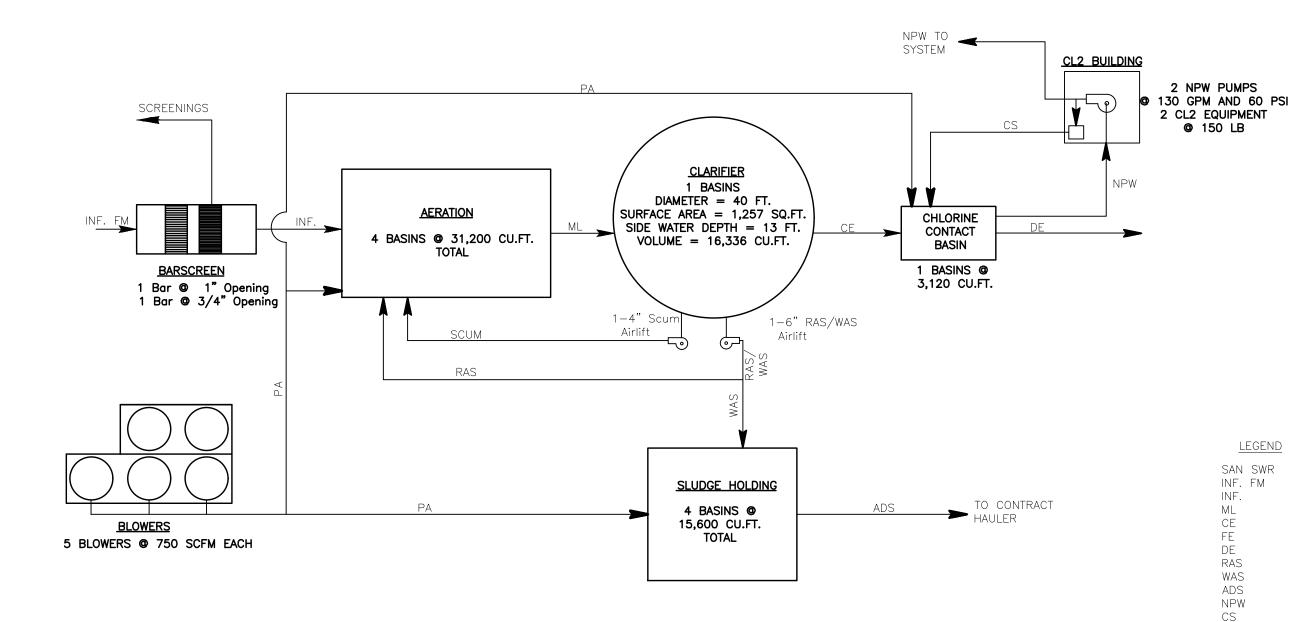
Houston, Texas 77042

CS

FG WSEL

TOW

Phone 713.953.5200 Fax 713.953.5026 FRN - F-1386



PHASE	AVG. DAILY FLOW	PEAK FLOW
PHASE I	0.15 MGD	0.60 MGD
PHASE II	0.30 MGD	1.20 MGD
PHASE III	0.395 MGD	1.58 MGD

ATTACHMENT 13.3

SANITARY SEWER

MIXED LIQUOR

INFLUENT

INFLUENT FORCE MAIN

CLARIFIED EFFLUENT

FILTERED EFFLUENT

DISINFECTED EFFLUENT

NON-POTABLE WATER

CHLORINE SOLUTION
TOP OF WALL ELEVATION

PRESSURE AIR

RETURN ACTIVATED SLUDGE WASTE ACTIVATED SLUDGE

FINISHED GRADE ELEVATION

WATER SURFACE ELEVATION

AEROBICALLY DIGESTED SLUDGE

PROCESS FLOW DIAGRAM (ULTIMATE) PHASE 3 — 0.395 MGD

LJA Engineering, Inc.

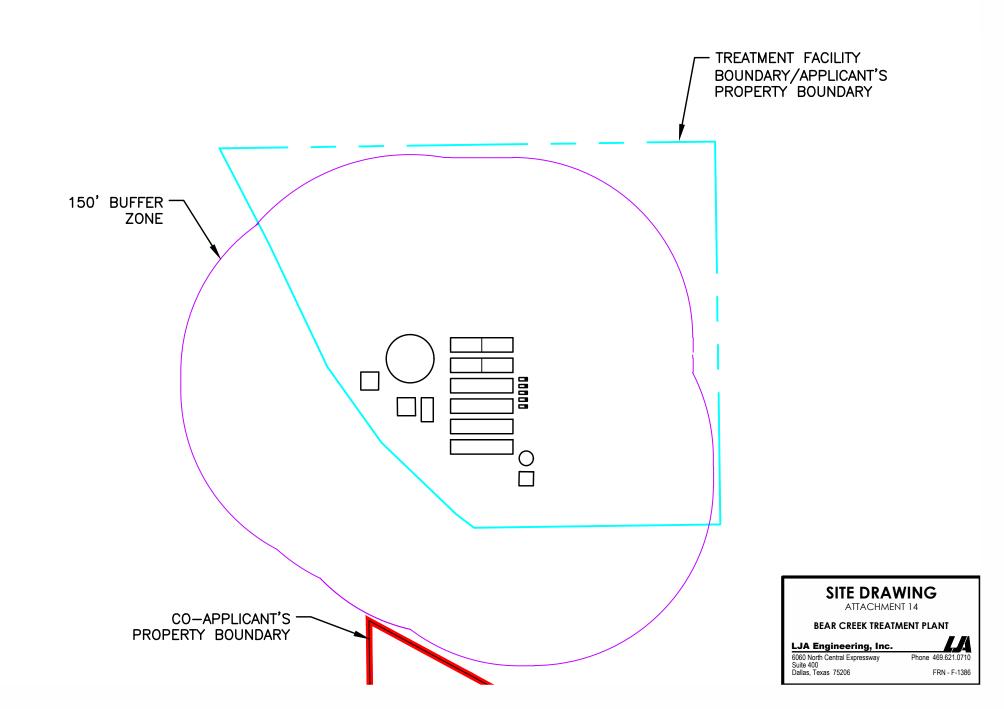
TOW

FG WSEL

3600 W Sam Houston Parkway S. Suite 600

Houston, Texas 77042

S. Phone 713.953.5200 Fax 713.953.5026 FRN - F-1386



BEAR CREEK TREATMENT PLANT DISCHARGE PERMIT

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

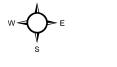
JULY 2024

LEGEND

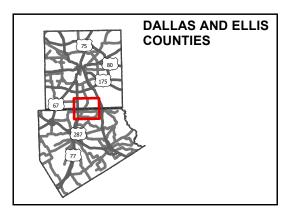


COUNTY LINE

DATA SOURCE: COUNTY LINE - ESRI



0 2,000 4,000 8,000 FEET

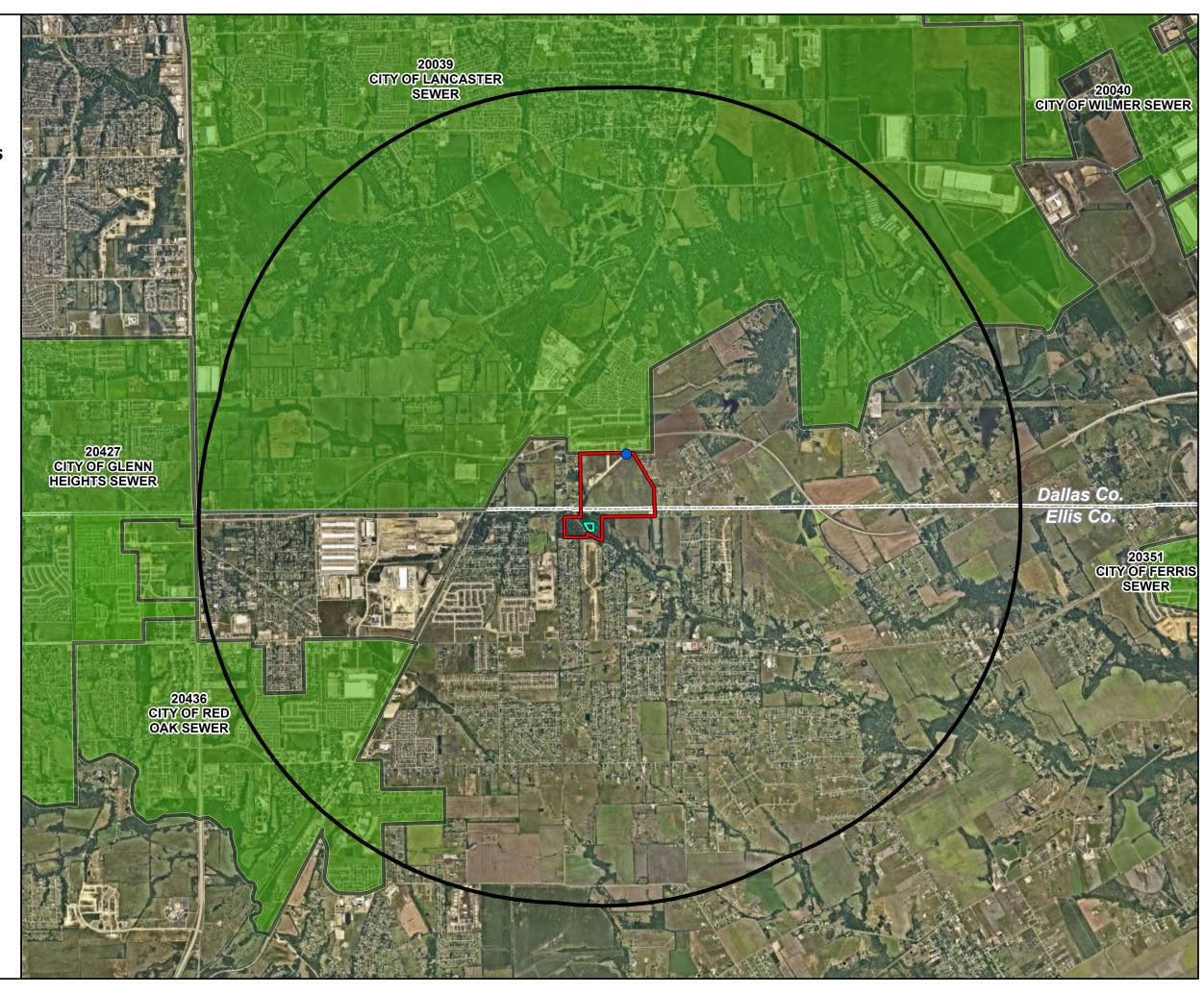


AERIAL PHOTOGRAPH DATE: NEARMAP 2024

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



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







July 09, 2024 VIA CERTIFIED MAIL

City of Lancaster 211 N Henry St Lancaster, Texas 75146

Re: Wastewater Service Request for Bear Creek Treatment Plant

LJA Job No. NT120-0031C

To Whom It May Concern:

We are currently preparing an application for a discharge permit for the Bear Creek Treatment Plant in Dallas County. The proposed development will require 0.395 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 City of Lancaster 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.

Laura Preston, PE Project Engineer

Sincerely,

Yes, our waste	ewater treatme	ent facility h	nas sufficient	capacity to	serve the	proposed
development.	Contact Phon	e Number:				

No, our wastewa	iter treatment	t facility does	s not have s	sufficient capac	city to serve the
proposed develo	pment.				

Name:	Title:
Signature:	Date:





July 09, 2024 VIA CERTIFIED MAIL

City of Red Oak 101 S. Live Oak St Red Oak, Texas 75154

Re: Wastewater Service Request for Bear Creek Treatment Plant

LJA Job No. NT120-0031C

To Whom It May Concern:

We are currently preparing an application for a discharge permit for the Bear Creek Treatment Plant in Dallas County. The proposed development will require 0.395 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 City of Red Oak 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.

Laura Preston, PE

Project Engineer

Sincerely,

Yes, our waste	ewater treatment facility h	as 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:	

Project Name: Bear Creek Treatment Plant

Wastewater Treatment Plant Process Design Calculations

Project #: NT120-0031C

		Phase I	Phase II	Phase III
WWTP Influent Flow				
Average Daily Flow	gpd	150,000	300,000	395,000
Peaking Factor		4	4	4
Peak Flow	gpd	600,000	1,200,000	1,580,000
Equivalent Single Family Connections	ESFC	428	857	1,128
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	1,071
Aeration Basin Design				
Process Description	15C			
Organic Loading Rate	35 lbs BOD5/day/	1 000f+2		
•		1,000113		
Minimum Free Board	1.5 ft			
Minimum Aeration Volume	ft ³	11,616	23,233	30,590
Number of Tanks		2	. 4	4
Length	ft	52		
Width	ft	12		
Height of Basin	ft	14.0		
Calculated Side Water Depth at Peak Flow	ft	12.50		
Proposed Free Board at Peak Flow	ft ft ³	1.50		
Proposed Volume	π	15,600	31,200	31,200
Secondary Clarifier Design				
Process Desription	Activated Sludge - Secondary, E	nhanced Secondary	, or Secondary Wit	h Nitrification
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	gpd/lf	20,000	20,000	20,000
Maximum Vertical Velocity in Stilling Well	0.15 ft/s	500	1 000	1 017
Minimum Surface Area Required	ft ²	500	1,000	1,317
Number of Clarifiers		1		
Diameter	ft	40		
Proposed Weir Loading	gpd/lf	5,026	10,052	13,235
Height of Clarifier	ft	14.0		
Calculated Side Water Depth at Peak Flow	ft	13.00		
Proposed Free Board at Peak Flow	ft o ²	1.00		
Proposed Surface Area	ft ²	1,257	1,257	
Proposed Volume	ft ³	16,336	16,336	16,336
Proposed Detention Time at Peak Flow	hrs	4.89	2.44	
Stilling Well Diameter	ft **/-	6.0		
Proposed Stilling Well Velocity	ft/s	0.03	0.07	0.09

Chlorine Contact Basin

Chiorine Contact Basin				
Minimum Contact Time	20 min			
Minimum Free Board	1 ft			
Number of Basins		1	1	1
Width of Tank	12 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	20 ft	20	20	20
Proposed Volume	ft ³	3,120	3,120	3,120
Proposed Detention Time	min	56.01	28.01	21.27
Aerobic Digester Design Volatile Soilds Wasted (From Solids Balance)	lbs/d	300	600	790
TCEQ Loading Rate	200 lbs/d/1,000ft ³			
$V = \frac{P_{x,tss}}{Loading\ Rate}$				
Minimum Required Volume (per TCEQ Regulations)	ft ³	1,500	3,000	3,950
Minimum Required Volume (3.5 days)		5,250	10,500	13,825
Number of Digesters		2	4	4
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 Basi		26.00	26.00	26.00
Proposed Volume	ft ³	7,800	15,600	15,600

Chlorine Dosage Requirements

0 1				
Type of Effluent	Activated Sludge			
Chlorine Concentration	8 mg/L			
Storage of Chlorine Tanks	Temperature-Controlled Enclosure	e		
Low Ambient Temperature	65 °F			
Required Chlorine Dosage	lbs/d	40	80	105
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	2
Number of 1-ton Chlorine Cylinders per Bank		0	0	0
Proposed Maximum Chlorine Withdrawal Rate		65	130	130

Air Requirements

Aeration Basins				
Type of Diffuser	Coarse Bubble Diffuser			
Transfer Efficency 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	1,453	1,913
Mixing Oxygen Requirement	20 scfm/1,000 ft3			
Mixing Airflowrate	scfm	312	624	624
Required Airflowrate	scfm	727	1,453	1,913
Aerobic Digester				
Type of Diffuser	Coarse Bubble Diffuser			
Required Mixing Air Rate	20 scfm/1,000 ft3			
Required Airflowrate	scfm	156	312	312
Chlorine Contact Basin				
Effluent DO Concentration	4 mg/L			
Initial DO Concentration*	0 mg/L			
Diffuser Capacity	150%			
Required Oxygen at Peak Flow	Ib O ₂ /d	20.03	40.05	52.74
Required Airflowrate	scfm	14.77	29.53	38.88
Airflowrate Required by Diffusers		22.15	44.30	58.33
Minimum Airdrops (10 scfm)		3	5	6
* Minimum DO Concentration in the Aeration Basin is 2 mg/L however, to b	e conservative an estimated DO of 0 mg/L has bee	en assumed entering the chlo	rine contact basin	
Airlifts				
Amount Required	120 scfm			
·				
Total Air Requirement				
Total Plant Required Air	scfm	1,017	1,915	2,384
		,-	,-	,
Blower Sizing				
Blower Capacity	750 scfm			
Blower Required		2	3	4
Blowers Proposed		3	4	5
		J	·	3

Attachment 17 Capacity Calculations

Year 1	6/1/2025	7/1/2025	8/1/2025	9/1/2025	10/1/2025	11/1/2025	12/1/2025	1/1/2026	2/1/2026	3/1/2026	4/1/2026	5/1/2026
Res. Connections	0	18	36	54	72	90	108	126	144	162	180	198
Flow at 350 GPD per conn.	0	6,300	12,600	18,900	25,200	31,500	37,800	44,100	50,400	56,700	63,000	69,300
										1		
Year 2	6/1/2026	7/1/2026	8/1/2026	9/1/2026	10/1/2026	11/1/2026	12/1/2026	1/1/2027	2/1/2027	3/1/2027	4/1/2027	5/1/2027
Res. Connections	216	234	252	270	288	306	324	342	360	378	396	414
Flow at 350 GPD per conn.	75,600	81,900	88,200	94,500	100,800	107,100	113,400	119,700	126,000	132,300	138,600	144,900
Year 3	6/1/2027	7/1/2027	8/1/2027	9/1/2027	10/1/2027	11/1/2027	12/1/2027	1/1/2028	2/1/2028	3/1/2028	4/1/2028	5/1/2028
Res. Connections	432	450	468	486	504	522	540	558	576	594	612	630
Flow at 350 GPD per conn.	151,200	157,500	163,800	170,100	176,400	182,700	189,000	195,300	201,600	207,900	214,200	220,500
							2					
Year 4	6/1/2028	7/1/2028	8/1/2028	9/1/2028	10/1/2028	11/1/2028	12/1/2028	1/1/2029	2/1/2029	3/1/2029	4/1/2029	5/1/2029
Res. Connections	648	666	684	702	720	738	756	774	792	810	828	846
Flow at 350 GPD per conn.	226,800	233,100	239,400	245,700	252,000	258,300	264,600	270,900	277,200	283,500	289,800	296,100
						_	_					3
Year 5	6/1/2029	7/1/2029	8/1/2029	9/1/2029	10/1/2029	11/1/2029	12/1/2029	1/1/2030	2/1/2030	3/1/2030	4/1/2030	5/1/2030
Res. Connections	864	882	900	918	936	954	972	990	1008	1026	1044	1128
Flow at 350 GPD per conn.	302,400	308,700	315,000	321,300	327,600	333,900	340,200	346,500	352,800	359,100	365,400	395,000

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 (1,128 connections) is reached, development stops

Flow		75%	90%
Phase 1:	150000	112500	135000
Phase 2:	300000	225000	270000
Phase 3:	395000	296250	355500

18	ESFC per month
350	gallons per escf
6/1/2025	Date

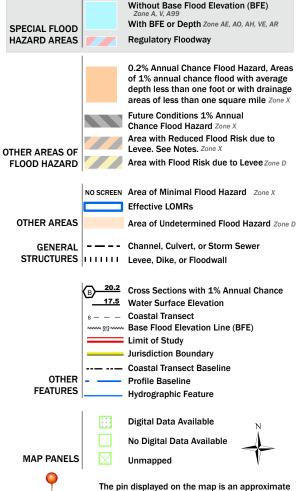
National Flood Hazard Layer FIRMette





Legend

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



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

point selected by the user and does not represent

an authoritative property location.

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/18/2024 at 11:30 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

National Flood Hazard Layer FIRMette

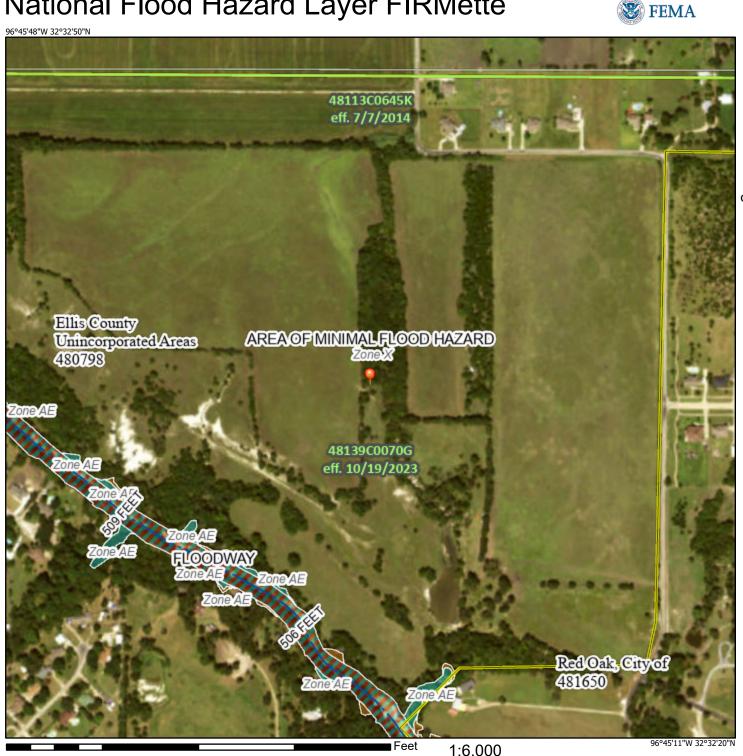
250

500

1,000

1,500

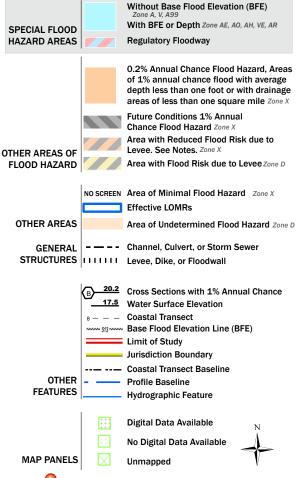




2,000

Legend

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



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

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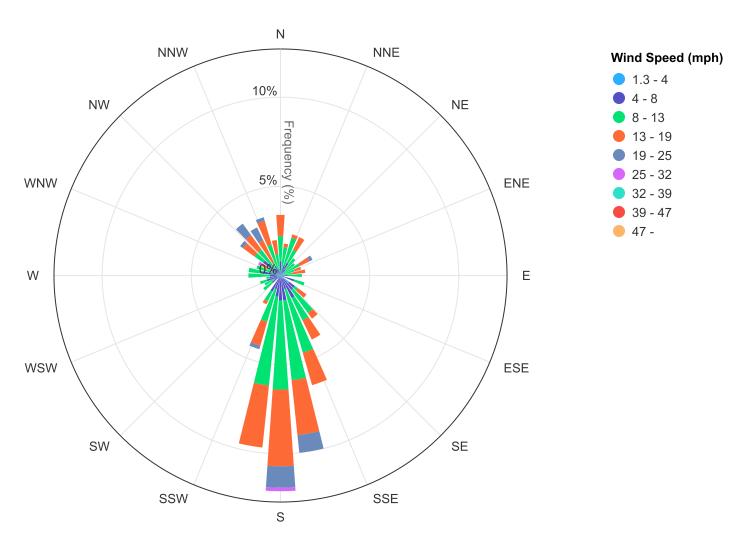
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 4/18/2024 at 11:34 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

DALLAS REDBIRD AP (TX) Wind Rose



Apr. 1, 2024 - Apr. 23, 2024 Sub-Interval: Jan. 1 - Dec. 31, 0 - 23



Click and drag to zoom

ATTACHMENT - 20

Sludge Management Plan Phase 1 - 0.150 MGD

Influent Design Flow 0.15 MGD
Influent BODs Concentration 325 mg/L
Aerobic Digester Volume 44,883 Gal
Aeration Basin MLSS 2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD5	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	6	8	13	25

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 44883.12 gal will be approximately 52 days at 100% capacity and annual average digested sludge produced of 142 ppd.

ATTACHMENT - 20

Sludge Management Plan Phase 2 - 0.300 MGD

Influent Design Flow 0.3 MGD
Influent BODs Concentration 325 mg/L
Aerobic Digester Volume 89,766 Gal
Aeration Basin MLSS 2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD5	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	6	8	13	25

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 89766.24 gal will be approximately 52 days at 100% capacity and annual average digested sludge produced of 285 ppd.

ATTACHMENT - 20

Sludge Management Plan Phase 3(Ultimate) - 0.395 MGD

Influent Design Flow 0.395 MGD
Influent BODs Concentration 325 mg/L
Aerobic Digester Volume 134,649 Gal
Aeration Basin MLSS 2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD5	1071	803	535	268
Pounds (lbs) of digested dry sludge produced*	375	281	187	94
Pounds (lbs) of wet sludge produced	18736	14052	9368	4684
Gallons (Gal) of wet sludge produced	2247	1685	1123	562

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

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

Sludge solids will be stabilized in the digester

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

REMOVAL SCHEDULE (DAYS)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	7	10	14	29

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 134649.36 gal will be approximately 59 days at 100% capacity and annual average digested sludge produced of 375 ppd.