

# Administrative Package Cover Page

## This file contains the following documents:

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



# Portada de Paquete Administrativo

## Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## 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 <u>30 TAC Section 39.426</u>, <u>you must provide a translated copy of the completed plain language summary in the</u> <u>appropriate alternative language as part of your application package</u>. 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.* 

MLCED Grandview Utility LLC (CN TBD) proposes to operate MLCED Grandview Utility LLC WWTP (RN TBD), an activated sludge process operating in the complete mix mode. The facility will be located at approximately 0.90 miles southeast of the intersection of County Road 106 and County Road 203, in Grandview, Johnson County, Texas 76050. This is a new application to discharge at a daily flow up to 950,000 gallons per day of treated domestic wastewater.

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

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

#### AGUAS RESIDUALES DOMESTICAS /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.* 

MLCED Grandview Utility LLC (CN TBD) propone operar MLCED Grandview Utility LLC WWTP RN TBD, una proceso de lodos activados funcionando en modo de mezcla. La instalación estará ubicada en 0,90 millas al sudeste de la intersección de County Road 106 y County Road 203, en Grandview, Condado de Johnson, Texas 76050. Esta es una nueva aplicacion para descargar a un caudal diario de hasta 950,000 galones por dia de aguas residuals domesticas tratadas.

Se espera que las descargas de la instalación contengan una demanda bioquímica de oxígeno cargonoso de cinco días, nitrógeno ammoniacal, y E. coli. Aguas residuals domesticas. está tratado por planta de proceso de lodos activados.

## **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**



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

#### PROPOSED PERMIT NO. WQ0016696001

APPLICATION. MLCED Grandview Utility LLC, 5274 Monterey Drive, Frisco, Texas 75034, has applied to the Texas Commission on Environmental Quality (TCEO) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016696001 (EPA I.D. No. TX0147192) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 950,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.9 mile southeast of the intersection of County Road 106 and County Road 203, near the city of Grandview, in Johnson County, Texas 76050. The discharge route will be from the plant site via Outfall 001 to a man-made channel; thence to an unnamed tributary; thence to South Fork Chambers Creek; thence to Richland-Chambers Reservoir; and via Outfall 002 to a man-made channel; thence to a storm pipe; thence to a man-made channel; thence to an unnamed tributary; thence to South Fork Chambers Creek; thence to Richland-Chambers Reservoir. TCEQ received this application on December 27, 2024. The permit application will be available for viewing and copying at Alvarado Public Library, service desk, 210 North Baugh Street, Alvarado, in Johnson County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the

application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.16816,32.320494&level=18

**ALTERNATIVE LANGUAGE NOTICE.** Alternative language notice in Spanish is available at: <u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</u>. El aviso de idioma alternativo en español está disponible en <u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</u>.

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 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 <u>www.tceq.texas.gov/goto/cid</u>. 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 <u>https://www14.tceq.texas.gov/epic/eComment/</u>, 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 <u>www.tceq.texas.gov/goto/pep</u>. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from MLCED Grandview Utility LLC at the address stated above or by calling Ms. Laura Preston, P.E., LJA Engineering, Inc., at 214-442-6579.

Issuance Date: January 21, 2025

## Comisión de Calidad Ambiental del Estado de Texas



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

## PERMISO PROPUESTO NO. WQ0016696001

SOLICITUD. MLCED Grandview Utility LLC, 5274 Monterey Drive, Frisco, Texas 75034 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEO) para el propuesto Permiso No. WQ0016696001 (EPA I.D. No. TX 0147192) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 950,000 galones por día. La planta está ubicada en 0.9 millas sudeste de la intersección de CR 106 y CR 203 en el Condado de Johnson, Texas. La ruta de descarga es del sitio de la planta a través del emisario 001 a un canal artificial; de allí a un afluente sin nombre; de allí a South Fork Chambers Creek; de allí al embalse de Richland-Chambers; y a través del emisario 002 a un canal artificial; de allí a una tubería de tormenta; de allí a un canal artificial; de allí a un afluente sin nombre; de allí a South Fork Chambers Creek; de allí al embalse de Richland-Chambers. La TCEQ recibió esta solicitud el 27 de diciembre de 2024. La solicitud para el permiso está disponible para leerla y copiarla en 210 North Baugh Street, Alvarado, en el condado de Johnson, Texas. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

<u>https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</u>. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.168167,32.320494&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 contencios 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: v 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 especifico. 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 DE LA TCEQ. Todos los comentarios escritos del público y los para pedidos una reunión deben ser presentados a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 o por el internet at** <u>www.tceq.texas.gov/about/comments.html</u>. 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. Si necesita más información en Español sobre esta solicitud para un permiso o el proceso del permiso, por favor llame a El Programa de Educación Pública de la TCEQ, sin cobro, al 1-800-687-4040. La información general sobre la TCEQ puede ser encontrada en nuestro sitio de la red: <u>www.tceq.texas.gov</u>.

También se puede obtener información adicional del MLCED Grandview Utility LLC a la dirección indicada arriba o llamando a Laura Preston, Project Manager, LJA Engineering, Inc. al 214.442.6579.

Fecha de emission: 21 de enero de 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

## Complete and submit this checklist with the application.

## APPLICANT NAME: MLCED Grandview Utility LLC

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

	Y	Ν
Administrative Report 1.0	$\boxtimes$	
Administrative Report 1.1	$\boxtimes$	
SPIF	$\boxtimes$	
Core Data Form	$\boxtimes$	
Public Involvement Plan Form	$\boxtimes$	
Technical Report 1.0	$\boxtimes$	
Technical Report 1.1	$\boxtimes$	
Worksheet 2.0	$\boxtimes$	
Worksheet 2.1		$\boxtimes$
Worksheet 3.0		$\boxtimes$
Worksheet 3.1		$\boxtimes$
Worksheet 3.2		$\boxtimes$
Worksheet 3.3		$\boxtimes$
Worksheet 4.0		$\boxtimes$
Worksheet 5.0		$\boxtimes$
Worksheet 6.0	$\boxtimes$	
Worksheet 7.0		$\boxtimes$

	Y	Ν
Original USGS Map	$\boxtimes$	
Affected Landowners Map	$\boxtimes$	
Landowner Disk or Labels	$\boxtimes$	
Buffer Zone Map	$\boxtimes$	
Flow Diagram	$\boxtimes$	
Site Drawing	$\boxtimes$	
Original Photographs	$\boxtimes$	
Design Calculations	$\boxtimes$	
Solids Management Plan	$\boxtimes$	
Water Balance		$\boxtimes$

## For TCEQ Use Only

Segment Number	County
0	Region
Permit Number	

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

## Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) 150.00

## **Payment Information:**

Mailed	Check/Money Order Number: <u>N/</u>	<u>A</u>
	Check/Money Order Amount: <u>N/</u>	<u>'A</u>
	Name Printed on Check: <u>N/A</u>	
EPAY	Voucher Number: <u>737658 &amp; 73765</u>	<u>59</u>
Copy of Payment Voucher enclosed? Yes $\boxtimes$		

## Section 2. Type of Application (Instructions Page 26)

- **a.** Check the box next to the appropriate authorization type.
  - □ Publicly-Owned Domestic Wastewater
  - □ Privately-Owned Domestic Wastewater
  - Conventional Wastewater Treatment
- **b.** Check the box next to the appropriate facility status.
  - $\Box$  Active  $\boxtimes$  Inactive

- **c.** Check the box next to the appropriate permit type.
  - ⊠ TPDES Permit
  - □ TLAP
  - □ TPDES Permit with TLAP component
  - Subsurface Area Drip Dispersal System (SADDS)
- **d.** Check the box next to the appropriate application type
  - ⊠ New
  - Major Amendment <u>with</u> Renewal
     Minor Amendment <u>with</u> Renewal

- □ Major Amendment <u>without</u> Renewal
- Minor Amendment without Renewal
- □ Renewal without changes □ Minor Modification of permit
- e. For amendments or modifications, describe the proposed changes: N/A

## f. For existing permits:

Permit Number: WQ00 <u>N/A</u> EPA I.D. (TPDES only): TX <u>N/A</u> Expiration Date: <u>N/A</u>

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

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

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

## MLCED Grandview Utility LLC

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

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

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: <u>Mr.</u> Last Name, First Name: <u>Dannheim, Chad</u>
- Title: <u>N/A</u> Credential: <u>N/A</u>
- **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?

<u>N/A</u>

(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: <u>http://www15.tceq.texas.gov/crpub/</u>

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: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
Title: <u>N/A</u>	Credential: <u>N/A</u>

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

#### 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: <u>Ms.</u>	Last Name, First	Name: Preston	, Lau	<u>1ra</u>
	Title: <u>Project Manager</u>	Credential: <u>P.E.</u>			
	Organization Name: LJA Engineer	<u>ing, Inc.</u>			
	Mailing Address: 6060 N Central E	<u>Expy, Ste 400</u>	City, State, Zip	o Co	de: <u>Dallas, Texas 75206</u>
	Phone No.: <u>214-442-6579</u>	E-mail Address	lpreston@lja.co	<u>om</u>	
	Check one or both: $\square$ Adm	ninistrative Conta	act	$\times$	Technical Contact
B.	Prefix: <u>Ms.</u>	Last Name, First	Name: <u>Easley, S</u>	Sally	<u>7</u>
	Title: <u>Graduate Engineer</u>	Credential: <u>N/A</u>			
	Organization Name: LJA Engineer	<u>ing, Inc.</u>			
	Mailing Address: 2150 S Central Ex	<u>xpy Ste 300</u> City, S	tate, Zip Code:	Mc	<u>Kinney, Texas 75070</u>
	Phone No.: <u>214-620-2778</u>	E-mail Address	: <u>seasley@lja.cor</u>	<u>n</u>	
	Check one or both: $\square$ Adm	ninistrative Conta	act	$\times$	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: <u>Ms.</u>	Last Name, First	Name: <u>Preston, Laura</u>
	Title: <u>Project Manager</u>	Credential: <u>P.E.</u>	
	Organization Name: LJA Engineer	<u>ing, Inc</u>	
	Mailing Address: <u>6060 N Central E</u>	<u> Xpy, 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>

B.	Prefix: <u>Ms.</u>	Last Name, First Name: <u>Easley, Sally</u>
	Title: <u>Graduate Engineer</u>	Credential: <u>N/A</u>
Organization Name: LJA Engineering, Inc		
	Mailing Address: 2150 S Central Ex	xpy, Ste 300City, State, Zip Code: <u>McKinney, Texas 75070</u>
	Phone No.: 214-620-2772	E-mail Address: seasley@lja.com

## Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: <u>Ms.</u>	Last Name	e, First Name: <u>Vest, Kourtney</u>
Title: Operations Manager	Credential	: <u>N/A</u>
Organization Name: MLCED Grandview Utility LLC		
Mailing Address: <u>5247 Monterey D</u>	<u>er.</u>	City, State, Zip Code: <u>Frisco, Texas 75453</u>
Phone No.: <u>512-887-0010</u>	E-mail Ad	ldress: <u>kvest@mlcedholdings.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: <u>Ms.</u>	Last Name, First Name: <u>Vest, Kourtney</u>	
Title: Operations Manager	Credential: <u>N/A</u>	
Organization Name: MLCED Grandview Utility LLC		
Mailing Address: <u>5247 Monterey D</u>	r. City, State, Zip Code: <u>Frisco, Texas 75453</u>	
Phone No.: <u>512-887-0010</u>	E-mail Address: <u>kvest@mlcedholdings.com</u>	

## Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms.Last Name, First Name: Preston, LauraTitle: Project ManagerCredential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address:<u>6060 N Central Expy, 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>

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

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

- ⊠ E-mail Address
- □ Fax
- □ Regular Mail

## C. Contact permit to be listed in the Notices

Prefix: <u>Ms.</u> Last Name, First Name: <u>Preston, Laura</u>

Title: Project ManagerCredential: P.E.

Organization Name: LJA Engineering, Inc

Mailing Address: <u>6060 N Central Expy, 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: <u>Alvarado Public Library</u>

Location within the building: Service Desk

Physical Address of Building: <u>210 N Baugh St</u>

City: <u>Alvarado</u>

County: Johnson

Contact (Last Name, First Name): Library Staff

Phone No.: <u>817-783-7323</u> Ext.: <u>N/A</u>

## E. Bilingual Notice Requirements

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

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

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

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

🖾 Yes 🗆 No

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

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

🗆 Yes 🖾 No

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

🗆 Yes 🖾 No

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

🗆 Yes 🖾 No

5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? <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 <u>http://www15.tceq.texas.gov/crpub/</u> to determine if the site is currently regulated by TCEQ.

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

MLCED Grandview Utility LLC WWTP

C. Owner of treatment facility: <u>MLCED Grandview Utility LLC</u>

Ownership of Facility: $\Box$ Public $\boxtimes$ Private $\Box$ Both $\Box$ Federal

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

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: MLCED Grandview Utility LLC

Mailing Address: <u>5274 Monterey Dr</u> City, State, Zip Code: <u>Frisco, Texas 75453</u>

Phone No.: <u>512-887-0010</u> E-mail Address: <u>kvest@mlcedholdings.com</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: <u>N/A</u>

**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 person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

#### Attachment: <u>N/A</u>

**F.** Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled 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>

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: <u>N/A</u>

## Section 10. TPDES Discharge Information (Instructions Page 31)

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

🗆 Yes 🖾 No

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

Approximately 0.90 miles southeast of the intersection of County Road 106 and County Road 203 in Johnson County, Texas

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

	Yes	$\boxtimes$	No
ш	168		INO

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

Outfall 001: To a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Richland-Chambers Reservoir in Segment 0836 of the Trinity River Basin

<u>Outfall 002: To an on-site storm sewer system through the development, thence to an unnamed</u> <u>tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Richland-</u> <u>Chambers Reservoir in Segment 0836 of the Trinity River Basin Creek.</u>

City nearest the outfall(s): <u>Grandview</u>

County in which the outfalls(s) is/are located: <u>Johnson</u>

- **C.** Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?
  - 🗆 Yes 🖾 No

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

□ Authorization granted □ Authorization pending

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

## Attachment: <u>N/A</u>

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

## Section 11. TLAP Disposal Information (Instructions Page 32)

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

🗆 Yes 🗆 No

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

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

- **B.** City nearest the disposal site: <u>N/A</u>
- C. County in which the disposal site is located: N/A
- **D.** For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

N/A

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

## Section 12. Miscellaneous Information (Instructions Page 32)

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

🗆 Yes 🖾 No

□ No

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

□ Yes

☑ Not Applicable

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

N/A - no sludge disposal authorization is requested in this permit

- **C.** Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
  - 🗆 Yes 🖾 No

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

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

🗆 Yes 🖾 No

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

Account number: <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: <u>N/A</u>

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

## 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: <u>Core Data Form</u>

## Section 14. Signature Page (Instructions Page 34)

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

Permit Number: <u>N/A</u>

Applicant: MLCED Grandview Utility LLC

#### Certification:

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

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

Signatory name (typed or printed): Chad Dannheim

Signature:

(Use blue ink)

Signatory title: Managen

Subscribed and Sworn to before a	ne by the said_	Chad	Dannheim
on this 18th	day of Dece	mben	, 20 2 4.
My commission expires on the	26 day	of septer	ber , 2028.

Notary Public

exa

VISHAL DAVE Notary ID #132024806 My Commission Expires September 26, 2028

[SEAL]

Date: 12-18 2024

## DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

## Section 1. Affected Landowner Information (Instructions Page 36)

- **A.** Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
  - The applicant's property boundaries
  - The facility site boundaries within the applicant's property boundaries
  - The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
  - The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
  - The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
  - The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
  - The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
  - □ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
  - □ The property boundaries of all landowners surrounding the effluent disposal site
  - □ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
  - □ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- **B.** Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. Indicate by a check mark in which format the landowners list is submitted:
  - $\boxtimes$  USB Drive  $\square$  Four sets of labels
- **D.** Provide the source of the landowners' names and mailing addresses: <u>Johnson County CAD</u>
- **E.** As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
  - □ Yes ⊠ No

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

N/A

## Section 2. Original Photographs (Instructions Page 38)

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

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

## Section 3. Buffer Zone Map (Instructions Page 38)

- **A.** Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.
  - The applicant's property boundary;
  - The required buffer zone; and
  - Each treatment unit; and
  - The distance from each treatment unit to the property boundaries.
- **B.** Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.
  - ⊠ Ownership
  - ☑ Restrictive easement
  - □ Nuisance odor control
  - □ Variance
- **C.** Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?



## DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: 7

## DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

Core Data Form (TCEQ Form No. 10400) (Required for all application types. Must be completed in its entirety of Note: Form may be signed by applicant representative.)	and s	signed.	$\boxtimes$	Yes
Correct and Current Industrial Wastewater Permit Application Form (TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or late			$\boxtimes$	Yes
Water Quality Permit Payment Submittal Form (Page 19) (Original payment sent to TCEQ Revenue Section. See instructions for	r mai	iling ad	⊠ Idress	Yes s.)
7.5 Minute USGS Quadrangle Topographic Map Attached (Full-size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)			$\boxtimes$	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 delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Cross Reference List (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 exect a copy of signature authority/delegation letter must be attached)	tive	officer	$\boxtimes$	Yes
Plain Language Summary			$\boxtimes$	Yes
	_		_	

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:	737658
Trace Number:	582EA000640565
Date:	12/23/2024 10:54 AM
Payment Method:	CC - Authorization 0000023347
Voucher Amount:	\$1,600.00
Fee Type:	WW PERMIT - FACILITY WITH FLOW >= .50 $\&$ < 1.0 MGD - NEW AND MAJOR AMENDMENTS
ePay Actor:	JASMIN RAMIREZ
Actor Email:	jasramirez@lja.com
IP:	170.55.94.226

- Payment Contact Information

Name:	JASMIN RAMIREZ
Company:	LJA ENGINEERING
Address:	3600 W SAM HOSUTON PKWY S, HOUSTON, TX 77042
Phone:	214-298-7879

-Site Information

Site Name: MLCED GRANDVIEW UTILITY LLC WWTP Site Location: APPROXIMATELY 0.90 MILES SOUTHEAST OF THE INTERSECTION OF CR 106 AND CR 203

**Customer Information** 

Customer Name: MLCED GRANDVIEW UTILITY LLC Customer Address: 5247 MONTEREY DR, FRISCO, TX 75453

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

-Transaction Information	
Voucher Number:	737659
Trace Number:	582EA000640565
Date:	12/23/2024 10:54 AM
Payment Method:	CC - Authorization 0000023347
Voucher Amount:	\$50.00
<b>Fee Type:</b>	30 TAC 305.53B WQ NOTIFICATION FEE
ePay Actor:	JASMIN RAMIREZ
Actor Email:	jasramirez@lja.com
IP:	170.55.94.226
Payment Contact Informatior	
Name:	JASMIN RAMIREZ
<b>6</b>	

Company: LJA ENGINEERING Address: 3600 W SAM HOSUTON PKWY S, HOUSTON, TX 77042 Phone: 214-298-7879

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



## DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

## A. Existing/Interim I Phase

Design Flow (MGD): <u>0.15</u> 2-Hr Peak Flow (MGD): <u>0.60</u> Estimated construction start date: <u>11/2025</u> Estimated waste disposal start date: <u>11/2026</u>

## B. Interim II Phase

Design Flow (MGD): <u>0.30</u> 2-Hr Peak Flow (MGD): <u>1.2</u> Estimated construction start date: <u>04/2027</u> Estimated waste disposal start date: <u>04/2028</u>

## C. Final Phase

Design Flow (MGD): <u>0.95</u> 2-Hr Peak Flow (MGD): <u>3.8</u> Estimated construction start date: <u>04/2029</u> Estimated waste disposal start date: <u>04/2030</u>

## **D.** Current Operating Phase

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

## Section 2. Treatment Process (Instructions Page 43)

## A. Current Operating Phase

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

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

S<u>ee Attachment 11</u>

#### **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: <u>See Attachments 13.1, 13.2, & 13.3</u>

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

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

- Latitude: <u>Outfall 001: 32°19'20.58"N</u>
- Longitude: Outfall 001: 97°10'41.63"W

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

- Latitude: <u>N/A</u>
- Longitude: <u>N/A</u>

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: <u>14, 22</u>

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

An approximately 400-acre tract that will be developed for single-family use

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

#### **Collection System Information**

Collection System Name	Owner Name	Owner Type	Population Served
N/A	N/A	Choose an item.	N/A
		Choose an item.	
		Choose an item.	
		Choose an item.	

## Section 4. Unbuilt Phases (Instructions Page 45)

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

🗆 Yes 🖾 No

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

□ Yes □ No

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

N/A



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



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

🗆 Yes 🗆 No

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

N/A

## Section 6. Permit Specific Requirements (Instructions Page 45)

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

#### A. Summary transmittal

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

🗆 Yes 🖾 No

If yes, provide the date(s) of approval for each phase: <u>N/A</u>

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

N/A

#### **B.** Buffer zones

Have the buffer zone requirements been met?

🖾 Yes 🗆 No

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

Buffer zone requirements will be met by ownership and restrictive easement.

#### C. Other actions required by the current permit

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

🗆 Yes 🖾 No

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

N/A – This is an application for a new permit

#### D. Grit and grease treatment

#### 1. Acceptance of grit and grease waste

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

🗆 Yes 🖂 No

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

#### 2. Grit and grease processing

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

N/A

#### 3. Grit disposal

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

🗆 Yes 🖾 No

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

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

N/A

#### E. Stormwater management

#### 1. Applicability

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

🗆 Yes 🖾 No

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

🗆 Yes 🖂 No

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

#### 2. MSGP coverage

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

🗆 Yes 🖾 No

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

TXR05 <u>N/A</u> or TXRNE <u>N/A</u>

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

🗆 Yes 🖾 No

#### 3. Conditional exclusion

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

🗆 Yes 🗵 No

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

N/A

#### 4. Existing coverage in individual permit

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

🗆 Yes 🖂 No

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

N/A

#### 5. Zero stormwater discharge

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

🗆 Yes 🖾 No

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

N/A

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

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

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

🗆 Yes 🖾 No

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

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

N/A

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

#### F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

🗆 Yes 🖾 No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.  $\underline{\rm N/A}$ 

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

#### 1. Acceptance of sludge from other WWTPs

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

🗆 Yes 🗵 No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an

estimate of the BOD<sub>5</sub> concentration of the sludge, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

#### 2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

🗆 Yes 🖾 No

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

🗆 Yes 🗆 No

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

🗆 Yes 🗆 No

If yes to any of the above, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the  $BOD_5$  concentration of the septic waste, and the

design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

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

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

🗆 Yes 🖾 No

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

N/A

# Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 50)

Is the facility in operation?

🗆 Yes 🖾 No

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD <sub>5</sub> , 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 <sub>3</sub> )*, mg/l	N/A				

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

\*TPDES permits only

**†TLAP** permits only

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

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

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

### A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

### **B. WWTP's Biosolids Treatment Process**

Check all that apply. See instructions for guidance.

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

### C. Biosolids Management

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

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

#### **Biosolids Management**

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk		Class B: PSRP Aerobic Digestion	Option 3: Lab demonstration of volatile solids reduction aerobically
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): <u>Facility is not in operation. Biosolids management method may vary based on final design.</u>

### D. Disposal site

Disposal site name: <u>TBD</u>

TCEQ permit or registration number: <u>TBD</u>

County where disposal site is located: TBD

### 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		
--------	--	--

semi-liquid 🖂

semi-solid 🗆

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

### B. Sludge processing authorization

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

Sludge Composting	Yes	$\boxtimes$	No
Marketing and Distribution of sludge	Yes	$\boxtimes$	No
Sludge Surface Disposal or Sludge Monofill	Yes	$\boxtimes$	No
Temporary storage in sludge lagoons	Yes	$\boxtimes$	No

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

🗆 Yes 🗆 No

# Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

🗆 Yes 🖾 No

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

### A. Location information

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

- Original General Highway (County) Map:
  - Attachment: <u>N/A</u>
- USDA Natural Resources Conservation Service Soil Map:

Attachment: <u>N/A</u>

• Federal Emergency Management Map:

Attachment: <u>N/A</u>

• Site map:

### Attachment: N/A

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

- □ Overlap a designated 100-year frequency flood plain
- □ Soils with flooding classification
- Overlap an unstable area
- □ Wetlands

□ Located less than 60 meters from a fault

 $\Box$  None of the above

### Attachment: <u>N/A</u>

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: <u>N/A</u>

Total Kjeldahl Nitrogen, mg/kg: <u>N/A</u>

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

Phosphorus, mg/kg: N/A

Potassium, mg/kg: <u>N/A</u>

pH, standard units: <u>N/A</u>

Ammonia Nitrogen mg/kg: <u>N/A</u>

Arsenic: <u>N/A</u>

Cadmium: <u>N/A</u>

Chromium: <u>N/A</u>

Copper: <u>N/A</u>

Lead: <u>N/A</u>

Mercury: <u>N/A</u>

Molybdenum: <u>N/A</u>

Nickel: <u>N/A</u>

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

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

Total PCBs: <u>N/A</u>

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: <u>N/A</u>

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

### C. Liner information

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

🗆 Yes 🗆 No

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

N/A

### D. Site development plan

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

N/A

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
   Attachment: <u>N/A</u>
- Copy of the closure plan
  - Attachment: <u>N/A</u>
- Copy of deed recordation for the site
  - Attachment: <u>N/A</u>
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons Attachment: <u>N/A</u>
- Description of the method of controlling infiltration of groundwater and surface water from entering the site

### Attachment: <u>N/A</u>

• Procedures to prevent the occurrence of nuisance conditions

### Attachment: N/A

### E. Groundwater monitoring

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

□ Yes □ No

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

Attachment: <u>N/A</u>

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

### A. Additional authorizations

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

🗆 Yes 🖂 No

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

### **B.** Permittee enforcement status

Is the permittee currently under enforcement for this facility?

🗆 Yes 🖂 No

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

🗆 Yes 🖾 No

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

<u>N/A</u>

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

### A. RCRA hazardous wastes

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

🗆 Yes 🖾 No

### B. Remediation activity wastewater

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

🗆 Yes 🖾 No

### C. Details about wastes received

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

Attachment: <u>N/A</u>

# DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

# Section 1. Justification for Permit (Instructions Page 57)

### A. Justification of permit need

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

This permit is needed for the new wastewater treatment facility which will support single family development on adjacent/nearby property.

### B. Regionalization of facilities

For additional guidance, please review <u>TCEQ's Regionalization Policy for Wastewater</u> <u>Treatment</u><sup>1</sup>.

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?

 $\Box$  Yes  $\boxtimes$  No  $\Box$  Not Applicable

If yes, within the city limits of: N/A

If yes, attach correspondence from the city.

### Attachment: N/A

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

### Attachment: <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

<sup>&</sup>lt;sup>1</sup> <u>https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater</u>

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

### Attachment: 21

### 3. Nearby WWTPs or collection systems

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

🖾 Yes 🗆 No

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

### Attachment: 15

**If yes**, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system.

### Attachment: 16

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

### Attachment: <u>N/A</u>

## Section 2. Proposed Organic Loading (Instructions Page 59)

Is this facility in operation?

🗆 Yes 🖾 No

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

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

### A. Current organic loading

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

Average Influent Organic Strength or BOD<sub>5</sub> Concentration in mg/l: <u>N/A</u>

Average Influent Loading (lbs/day = total average flow X average BOD<sub>5</sub> conc. X 8.34): <u>N/A</u>

Provide the source of the average organic strength or BOD<sub>5</sub> 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.

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

Table 1.1(1) – Design Organic Loading

# 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: <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: <u>4</u> Other: <u>N/A</u>

### B. Interim II 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: <u>3</u> Total Phosphorus, mg/l: <u>N/A</u> Dissolved Oxygen, mg/l: <u>4.0</u> Other: <u>N/A</u>

### C. Final Phase Design Effluent Quality

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

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: <u>4.0</u>

Other: <u>N/A</u>

### **D. Disinfection Method**

Identify the proposed method of disinfection.

Chlorine: <u>4</u> mg/l after <u>20</u> minutes detention time at peak flow

Dechlorination process: <u>N/A</u>

- $\Box$  Ultraviolet Light: <u>N/A</u> seconds contact time at peak flow
- □ Other: <u>N/A</u>

## Section 4. Design Calculations (Instructions Page 59)

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

Attachment: <u>17</u>

# Section 5. Facility Site (Instructions Page 60)

### A. 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 48251C0350J, 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: <u>N/A</u>

If no, provide the approximate date you anticipate submitting your application to the Corps:  $\underline{\rm N/A}$ 

B. Wind rose

Attach a wind rose: Attachment 19

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

### A. Beneficial use authorization

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

🗆 Yes 🖂 No

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

### B. Sludge processing authorization

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

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

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

# 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: <u>N/A</u>

Distance and direction to the intake: N/A

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

Attachment: <u>N/A</u>

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

Does the facility discharge into tidally affected waters?

🗆 Yes 🖾 No

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

### A. Receiving water outfall

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

### **B.** Oyster waters

Are there oyster waters in the vicinity of the discharge?

🗆 Yes 🖾 No

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

N/A

### C. Sea grasses

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

🗆 Yes 🖾 No

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

N/A

# Section 3. Classified Segments (Instructions Page 64)

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

🗆 Yes 🖂 No

If yes, this Worksheet is complete.

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

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

Name of the immediate receiving waters: Unnamed, 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: <u>N/A</u>

Average depth of the entire water body, in feet:  $\underline{N/A}$ 

Average depth of water body within a 500-foot radius of discharge point, in feet:  $\underline{\rm N/A}$ 

- Man-made Channel or Ditch
- Open Bay
- Tidal Stream, Bayou, or Marsh
- $\Box$  Other, specify: <u>N/A</u>

### **B.** Flow characteristics

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

Intermittent - dry for at least one week during most years

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

□ Perennial - normally flowing

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

- □ USGS flow records
- □ Historical observation by adjacent landowners
- ☑ Personal observation
- □ Other, specify: <u>Click to enter text.</u>

### C. Downstream perennial confluences

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

N/A

### **D.** Downstream characteristics

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

🖾 Yes 🗆 No

If yes, discuss how.

The man-made channel will discharge into an unnamed tributary of South Fork Chambers Creek, within 3 miles of the discharge point.

### E. Normal dry weather characteristics

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

The man-made channel of outfall 001 will be constructed during construction of the WWTP. The photographs show that there is currently no water body located at the discharge point. The on-site storm sewer system through the development will be added during construction of the development. The receiving unnamed tributary is generally an intermittent stream with low flow.

Date and time of observation: 12/10/2024 12:40 PM

Was the water body influenced by stormwater runoff during observations?

🗆 Yes 🖾 No

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

### A. Upstream influences

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

- □ Oil field activities □ Urban runoff
- Upstream discharges
  Agricultural runoff
  - □ Other(s), specify: <u>Click to enter text</u>.
- □ Septic tanks
- TCEQ-10054 (04/02/2024) Domestic Wastewater Permit Application Technical Report

# 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: o

Significant IUs – non-categorical:

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

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

Other IUs:

Number of IUs: o

Average Daily Flows, in MGD: o

### **B.** Treatment plant interference

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

🗆 Yes 🖾 No

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

N/A – Facility has not yet been constructed.

### C. Treatment plant pass through

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

🗆 Yes 🖾 No

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

N/A – Facility has not yet been construc	cted	

### D. Pretreatment program

Does your POTW have an approved pretreatment program?

🗆 Yes 🖾 No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

🗆 Yes 🖾 No

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

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

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

### A. Substantial modifications

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

🗆 Yes 🗆 No

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

N/A

### **B.** Non-substantial modifications

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

□ Yes □ No

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

N/A

### C. Effluent parameters above the MAL

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

#### Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

### D. Industrial user interruptions

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

🗆 Yes 🗆 No

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

N/A

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

### A. General information

Company Name: N/A SIC Code: N/A Contact name: N/A Address: N/A City, State, and Zip Code: N/A Telephone number: N/A Email address: N/A

### **B.** Process information

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

N/A

### C. Product and service information

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

N/A

### **D.** Flow rate information

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

**Process Wastewater:** 

Discharge, in gallon	s/day: <u>N/A</u>		
Discharge Type: 🗆	Continuous	Batch	Intermittent
Non-Process Wastewate	er:		
Discharge, in gallon	s/day: <u>N/A</u>		
Discharge Type: 🗆	Continuous	Batch	Intermittent

### **List of Included Attachments**

### LJA Project Number NT5788-0449

- 1 Core Data Form
- 2 Plain Language Summary
- 3 Public Involvement Plan
- 4 USGS Topo 3-mile
- 5 Affected Landowner Map
- 5.2 Affected Landowner in Buffer
- 6-Affected Landowner List
- 7 Supplemental Permit Information Form
- 8 Photo Location Map
- 8 Photos Document
- 9 Buffer Zone Map
- 10-USGS Topo 1-mile
- 11 Plant Treatment Process Description
- 12 Proposed Plant Units
- 13 Process Flow Diagrams
- 14 Site Plan Map
- 15 Adjacent Utilities/Outfall Map
- 16 Capacity Request Letters
- 17 Design Calculations
- 18.1 FEMA FIRMette
- 18.2 FEMA FIRMette
- 19 Wind Rose
- 20 Solids Management
- 21 Justification of Facility
- 22 Service Area Map



# **TCEQ Core Data Form**

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

## **SECTION I: General Information**

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)							
	, , ,						
New Permit, Registration or Authorization (Core Data I	Form chould be submitted with	the preasure application 1					
New Permit, Registration or Authorization (Core Data R	-orm should be submitted with i	ne program application.)					
Renewal (Core Data Form should be submitted with the	e renewal form)	Other					
2. Customer Reference Number (if issued)		3. Regulated Entity Reference Number (if issued)					
	Follow this link to search	or negative a linkly hererence runnber (ij issuea)					
	for CN or RN numbers in						
	Central Registry**	DN					
CN	centra negistry	RN					

# **SECTION II: Customer Information**

4. General Customer Information       5. Effective Date for Customer Information Updates (mm/dd/yyyy)													
New Customer Update to Customer Information Change in Regulated Entity Ownership													
Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)													
	-8	(					1			,			
The Custome	r Name si	ubmitte	d here may l	be updated a	utomatical	lly base	ed or	n what is ci	urrent	and active	with th	he Texas Seci	etary of State
(SOS) or Texa	s Comptro	oller of l	Public Accou	ints (CPA).									
6. Customer	Legal Nan	ne (If an l	individual, pri	nt last name fii	rst: eg: Doe, .	Iohn)			<u>If nev</u>	v Customer,	enter pre	evious Custom	er below:
MLCED Grandv	view Utility	LLC											
7. TX SOS/CP	A Filing N	umber		8. TX State	<b>Tax ID</b> (11 d	ligits)			9. Fe	deral Tax II	D	10. DUNS	Number (if
									(a. 1)			applicable)	
N/A				N/A					(9 dig	(its)		N/A	
									N/A			N/A	
									11/1				
11. Type of C	ustomer:		Corporat	tion				🗌 Individ	] Individual Partnership: ] General [		eral 🗌 Limited		
Government:	City	County [	Federal	Local 🗌 State	e 🗌 Other			Sole Pr	roprieto	orship	Ot	her:	
12. Number o	of Employ	ees							13. lı	ndepender	ntly Ow	ned and Ope	erated?
⊠ 0-20 □ 2	21-100 [	101-2	50 🗌 251-	500 🗌 501	and higher				🖂 Ye	es (	No		
14. Customer	r <b>Role</b> (Pro	posed or	Actual) – as i	t relates to the	Regulated E	ntity list	ted oi	n this form.	Please o	check one of	the follo	owing	
Øwner		Op	erator	□ Ov	vner & Opera	ator							
	al Licensee		esponsible Pa	rty 🗌	VCP/BSA App	olicant				Other:			
	5274 Mo	nterey D	r.										
15. Mailing													
Address:													
Address:	City	Frisco State TX Z				ZIP	7545	3		ZIP + 4			
	City				otate				/0.0				
16. Country N	Mailing In	formatio	<b>on</b> (if outside	USA)			17. E-Mail Address (if applicable)						
							kvest@mlcedholdings.com						
40 Televil					0 F					20 5		<i></i>	
18. Telephon	e Numbe	r			19. Extensio	on or C	ode			20. Fax N	umber	(if applicable)	

# **SECTION III: Regulated Entity Information**

21. General Regulated En	ntity Information (If	'New Regulated Entity" is selected	a new permit application is al	so required.)				
New Regulated Entity Update to Regulated Entity Name Update to Regulated Entity Information								
The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).								
22. Regulated Entity Nan	<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)							
MLCED Grandview Utility LLC WWTP								
23. Street Address of the Regulated Entity:								
(No PO Boxes)	City	State	ZIP	ZIP + 4				
	City	State	2117					
24. County	Johnson							
If no Street Address is provided, fields 25-28 are required.								
25. Description to								

Physical Location:	Approximately 0.90 miles southeast of the intersection of County Road 106 and County Road 203 in Johnson County, Texas								
26. Nearest City						State		Nea	rest ZIP Code
Grandview						ТХ		7605	50
Latitude/Longitude are re used to supply coordinate	•	• • •			Data Standa	rds. (Geoc	oding of th	e Physical	Address may be
27. Latitude (N) In Decima	al:	32.320494		28. L	ongitude (W	/) In Decin	nal:	97.16816	7
Degrees	Minutes	Sec	onds	Degr	ees	Mi	inutes	•	Seconds
32		19	13.78		97		10		5.40
<b>29. Primary SIC Code</b> (4 digits)	<b>30.</b> (4 di	Secondary SIC Cod	e	<b>31. Prima</b> (5 or 6 dig	ry NAICS Co its)	de	<b>32. Secor</b> (5 or 6 dig	ndary NAIG	CS Code
4952				221320					
33. What is the Primary B	usiness of t	his entity? (Do not	t repeat the SIC or	NAICS desc	ription.)				
Domestic Wastewater Treatm	ient								
	MLCED Gra	andview Utility LLC							
34. Mailing Address:	5274 Mont	erey Dr.	_	_	_	_			-
	City	Frisco	State	тх	ZIP	75453		ZIP + 4	
35. E-Mail Address:	kves	t@mlcedholdings.co	m						
36. Telephone Number		37	7. Extension or (	Code	38. Fa	ax Numbe	<b>r</b> (if applicab	le)	
( 512 ) 887-0010					(	) -			

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

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

# **SECTION IV: Preparer Information**

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

# **SECTION V: Authorized Signature**

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

Company:	MLCED Grandview Utility LLC	Job Title:	Mana gar	
Name (In Print):	Chad Dannheim		Phone:	817-319-9351
Signature:	3		Date:	12-18-2024

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 <u>30 TAC Section 39.426</u>, **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.

MLCED Grandview Utility LLC (CN TBD) proposes to operate MLCED Grandview Utility LLC WWTP (RN TBD), an activated sludge process operating in the complete mix mode. The facility will be located at approximately 0.90 miles southeast of the intersection of County Road 106 and County Road 203, in Grandview, Johnson County, Texas 76050. This is a new application to discharge at a daily flow up to 950,000 gallons per day of treated domestic wastewater.

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

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

### AGUAS RESIDUALES DOMESTICAS /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.* 

MLCED Grandview Utility LLC (CN TBD) propone operar MLCED Grandview Utility LLC WWTP RN TBD, una proceso de lodos activados funcionando en modo de mezcla. La instalación estará ubicada en 0,90 millas al sudeste de la intersección de County Road 106 y County Road 203, en Grandview, Condado de Johnson, Texas 76050. Esta es una nueva aplicacion para descargar a un caudal diario de hasta 950,000 galones por dia de aguas residuals domesticas tratadas.

Se espera que las descargas de la instalación contengan una demanda bioquímica de oxígeno cargonoso de cinco días, nitrógeno ammoniacal, y E. coli. Aguas residuals domesticas. está tratado por planta de proceso de lodos activados.



<sup>7</sup> Texas Commission on Environmental Quality

# Public Involvement Plan Form for Permit and Registration Applications

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

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

### Section 1. Preliminary Screening

New Permit or Registration Application New Activity – modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not

#### need to be submitted.

### Section 2. Secondary Screening

Requires public notice,

Considered to have significant public interest, and

Located within any of the following geographical locations:

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

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

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

Section 3	B. Applicat	tion Inform	nation		
Type of A	pplication	(check all t	hat apply):		
Air	Initial	Federal	Amendment	Standard Permit	Title V
Waste	-	ll Solid Wast ive Material		and Hazardous Waste Underground I	e Scrap Tire injection Control
Water Qua	ality				
Texas	Pollutant D	oischarge Eli	mination System	(TPDES)	
Те	xas Land A	pplication P	ermit (TLAP)		
Sta	ate Only Co	ncentrated A	Animal Feeding O	peration (CAFO)	
Wa	ater Treatm	ient Plant Re	siduals Disposal	Permit	
Class B Biosolids Land Application Permit					
Domestic Septage Land Application Registration					
147 A. D. 1					
Water Rights New Permit					
New Appropriation of Water					
New or existing reservoir					
Amendment to an Existing Water Right					
Add a New Appropriation of Water					
Add a New or Existing Reservoir					
Major Amendment that could affect other water rights or the environment					

# Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information				
Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.				
Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.				
anguage notice to necessary) i rease provide the ronoving mornation				
(City)				
(County)				
(Census Tract)				
Please indicate which of these three is the level used for gathering the following information.				
City County Census Tract				
(a) Percent of people over 25 years of age who at least graduated from high school				
(b) Per capita income for population near the specified location				
(c) Percent of minority population and percent of population by race within the specified location				
(d) Percent of Linguistically Isolated Households by language within the specified location				
(a) referre of Englistically isolated flousenoids by language within the specifica location				
(e) Languages commonly spoken in area by percentage				
(f) Community and/or Stakeholder Groups				
(g) Historic public interest or involvement				

Section 6. Planned Public Outreach Activities				
(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?				
Yes	No			
(b) If yes, do you in	ntend at this time to provide public outreach other than what is required by rule?			
Yes	No			
If Yes, please desc	ribe.			
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)

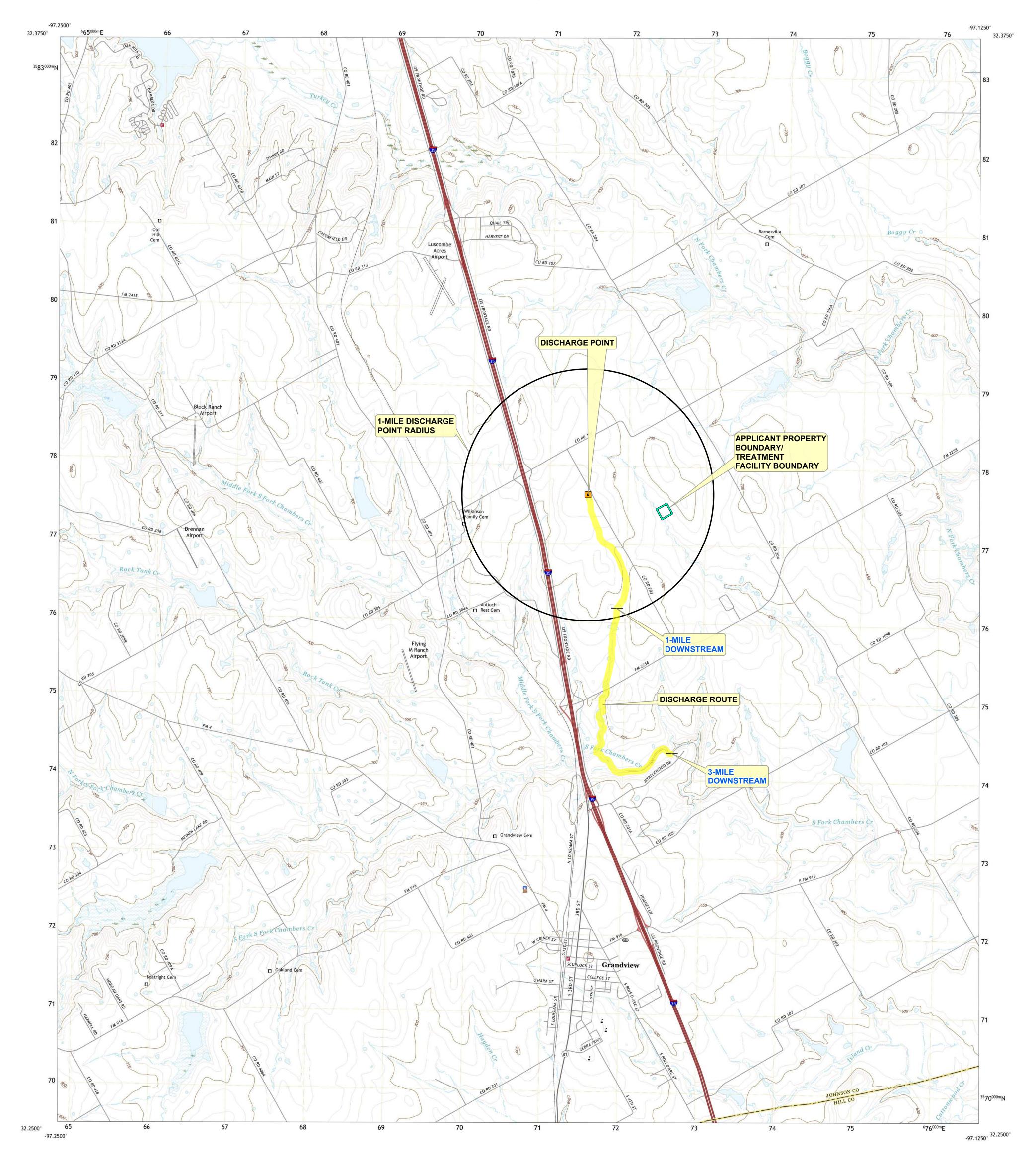


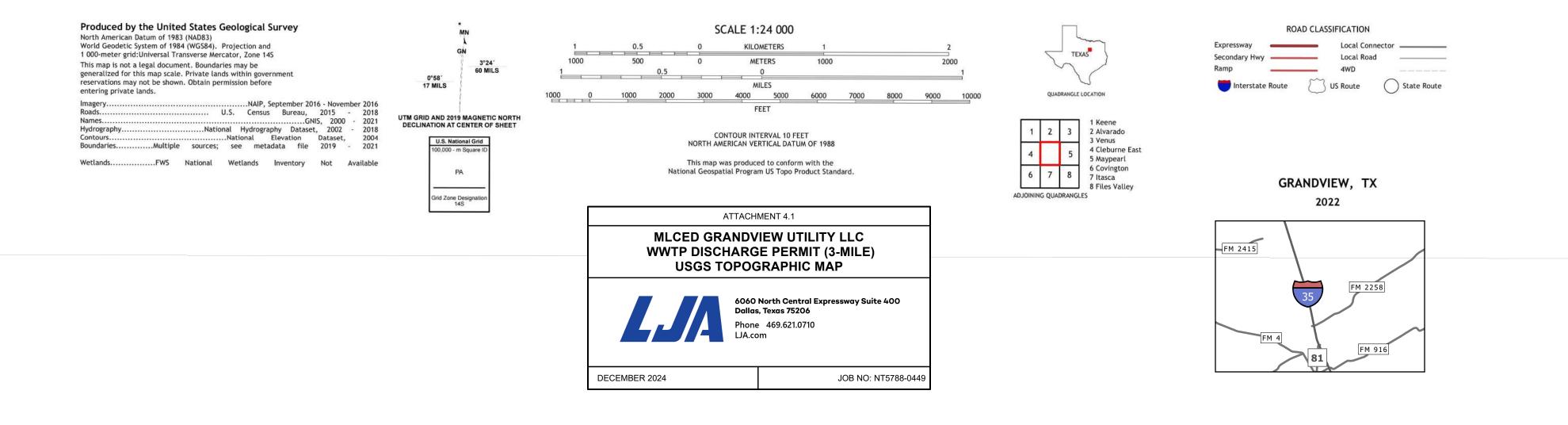
U.S. DEPARTMENT OF THE INTERIOR U.S. GEOLOGICAL SURVEY



GRANDVIEW QUADRANGLE TEXAS 7.5-MINUTE SERIES

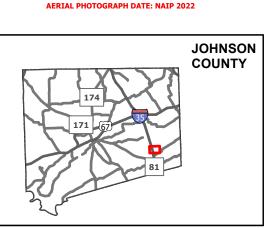
> NSN. 7643016396358 NGA REF NO.USGSX24K18027

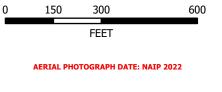






THIS PRODUCT IS FOR INFORMATIONAL PURPOSES AND MAY NOT HAVE BEEN PREPARED FOR OR BE SUITABLE FOR LEGAL, ENGINEERING, OR SURVEYING PURPOSES. IT DOES NOT REPRESENT AN ON-THE-GROUND SURVEY AND REPRESENTS ONLY THE APPROXIMATE RELATIVE LOCATION OF PROPERTY BOUNDARIES.

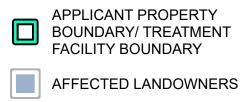


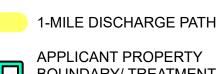


100

DATA SOURCE: PARCEL - JOHNSON COUNTY APPRAISAL DISTRICT (DECEMBER 2024)







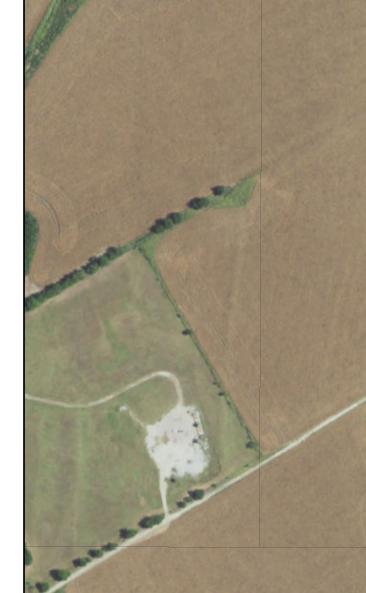
LEGEND O POINT OF DISCHARGE

DECEMBER 2024

ATTACHMENT 5 AFFECTED LANDOWNER EXHIBIT

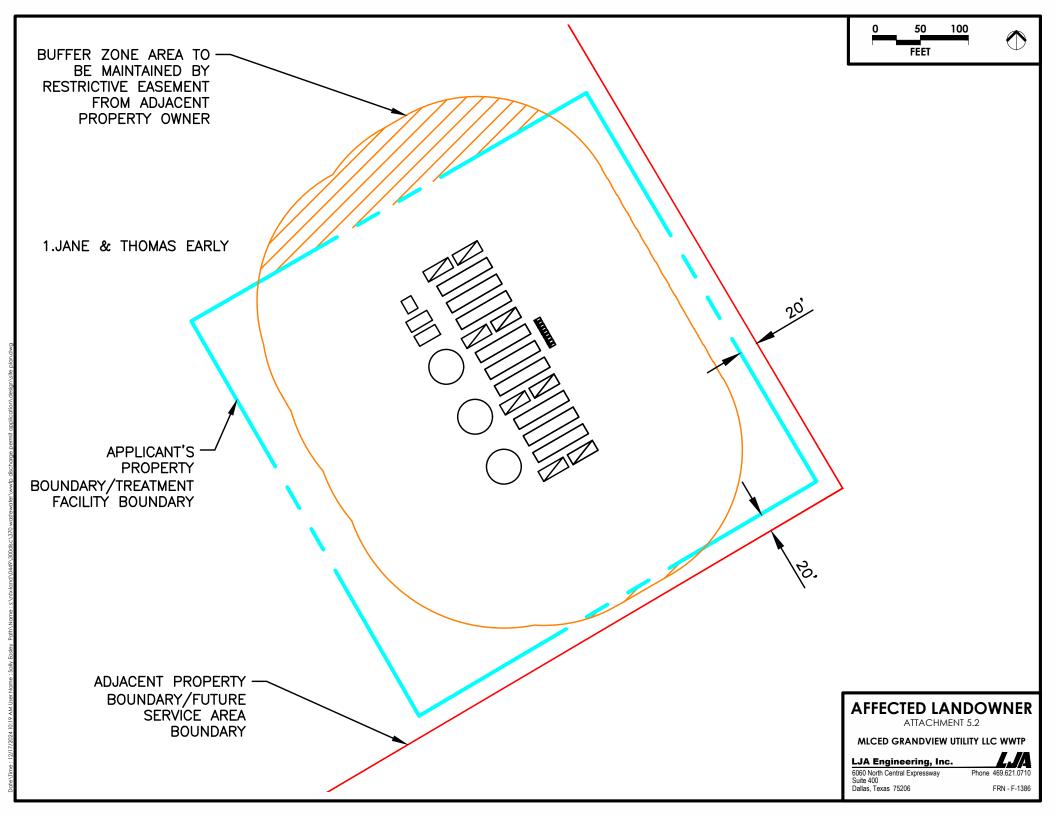
# MLCED GRANDVIEW UTILITY LLC WWTP DISCHARGE PERMIT

3500









1. Jane & Thomas Early 1000 Tina ST Cleburne, TX 76031

# **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY**

# SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

### FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:	
Application type:RenewalMajor Am	endmentNinor AmendmentNew
County:	_ Segment Number:
Admin Complete Date:	_
Agency Receiving SPIF:	
Texas Historical Commission	U.S. Fish and Wildlife
Texas Parks and Wildlife Department	U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: <u>MLCED Grandview Utility LLC</u>

Permit No. WQ00 <u>N/A</u>

EPA ID No. TX N/A

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

Approximately 0.90 miles southeast of the intersection of County Road 106 and County Road 203 in Johnson County, Texas Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.

Prefix (Mr., Ms., Miss): <u>Ms.</u> First and Last Name: <u>Laura Preston</u> Credential (P.E, P.G., Ph.D., etc.): <u>P.E.</u> Title: <u>Project Manager</u> Mailing Address: <u>6060 N Central Expy, Ste 400</u> City, State, Zip Code: <u>Dallas, Texas, 75206</u> Phone No.: <u>325-668-2952</u> Ext.: <u>N/A</u> Fax No.: <u>N/A</u> E-mail Address: <u>lpreston@lja.com</u>

- 2. List the county in which the facility is located: <u>Johnson</u>
- 3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

<u>N/A</u>

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

Outfall 001: To a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Chambers Creek in Segment 0836 of the Trinity River Basin Outfall 002: To an on site storm server system through the development, thence to an

<u>Outfall 002: To an on-site storm sewer system through the development, thence to an</u> <u>unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek,</u> <u>thence to Richland-Chambers Reservoir in Segment 0836 of the Trinity River Basin Creek.</u>

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

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

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

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

- □ Sealing caves, fractures, sinkholes, other karst features
- Disturbance of vegetation or wetlands

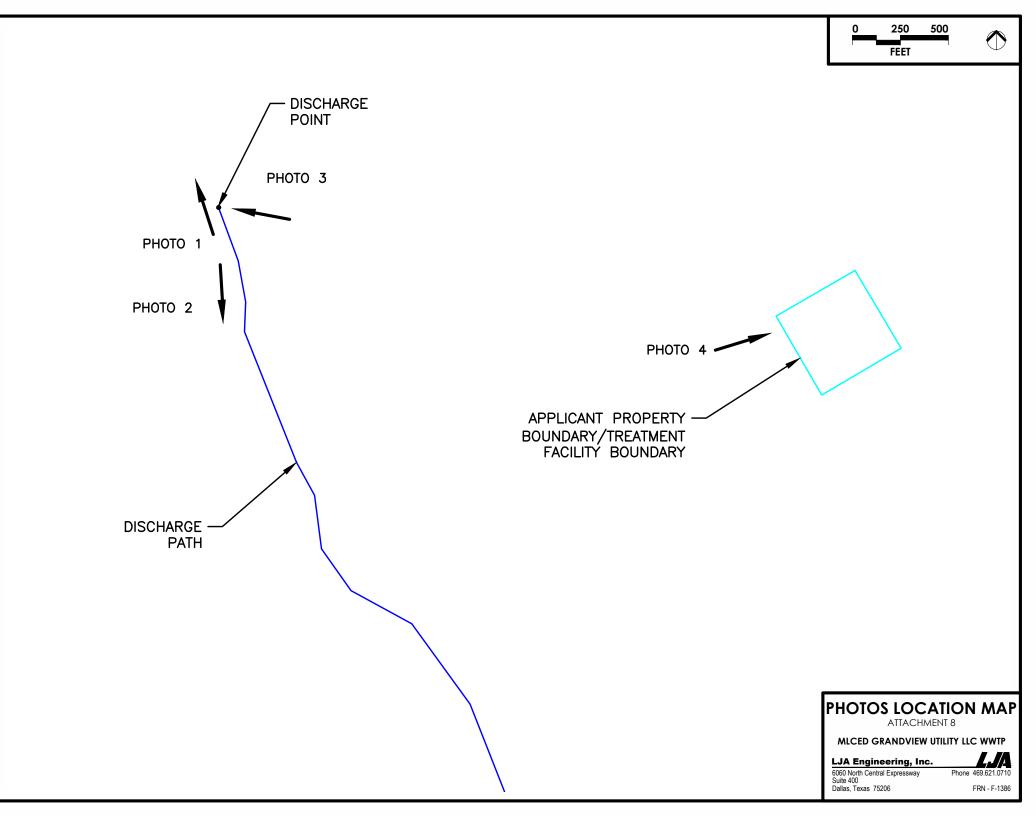
N/A

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

2.	Describe existing disturbances, vegetation, and land use:	
	<u>Undeveloped Land</u>	

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

- List construction dates of all buildings and structures on the property:
   <u>No Existing buildings or structures are located on property where the wastewater treatment plant is proposed.</u>
- 4. Provide a brief history of the property, and name of the architect/builder, if known. <u>The property where the wastewater treatment plant is proposed and has never been</u> <u>developed and has generally been used for agricultural purposes.</u>



/2024 10:28 AM User Name : Sally Easley Path\Name : s:\ntx-land\0449\300disc\370 wast





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

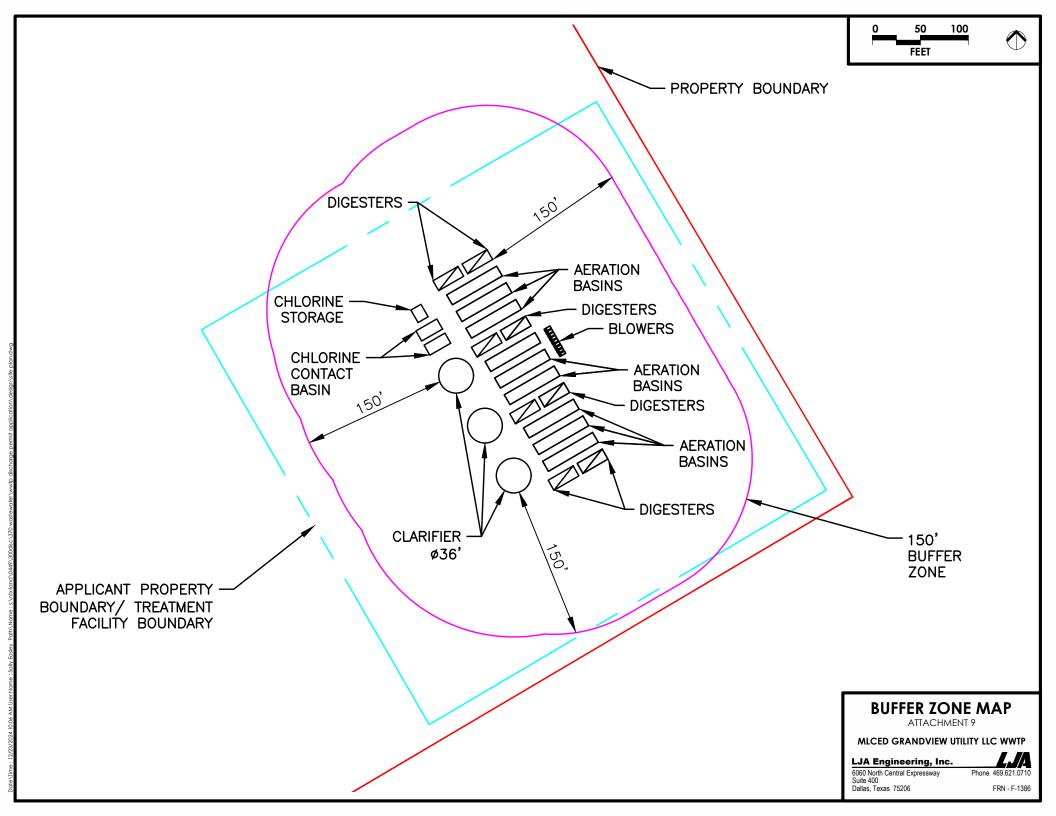
Photo 2: Downstream of the discharge location into the unnamed stream

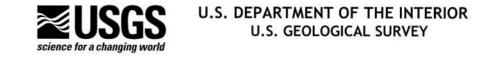




Photo 3: Area of discharge point

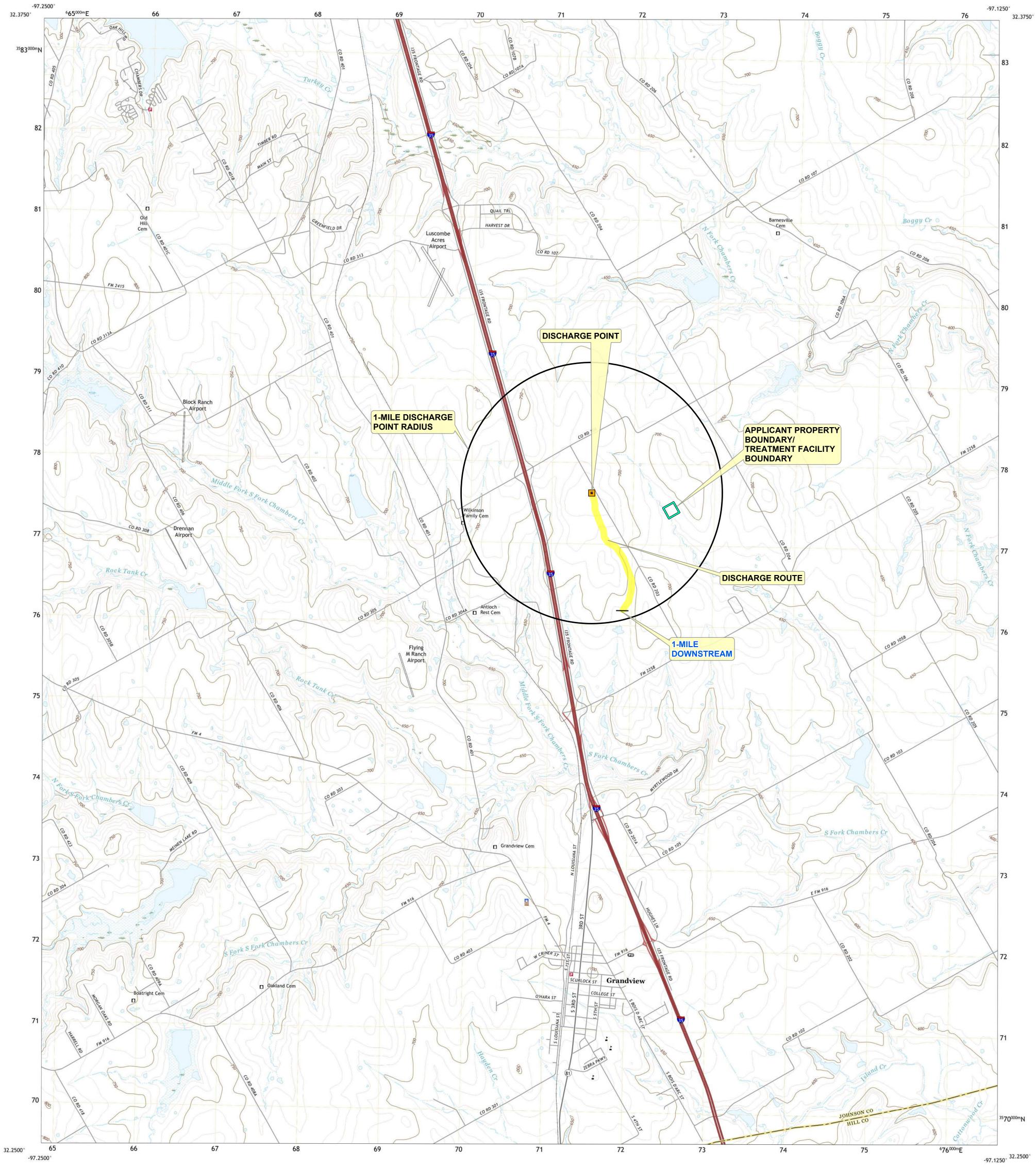
Photo 4: WWTP Site



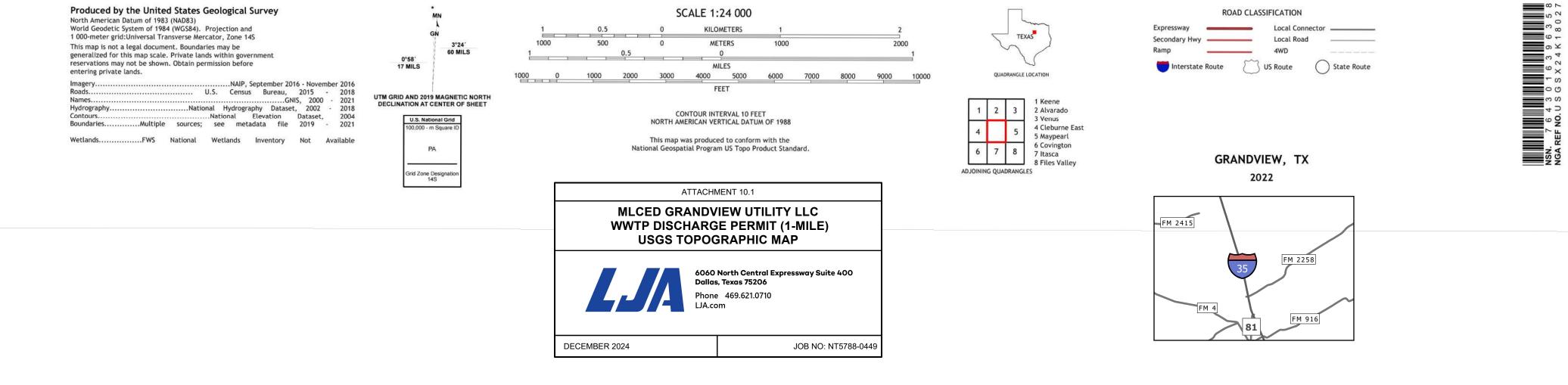




GRANDVIEW QUADRANGLE TEXAS 7.5-MINUTE SERIES







### ATTACHMENT 11 DESCRIPTION OF THE TREATMENT PROCESS

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

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

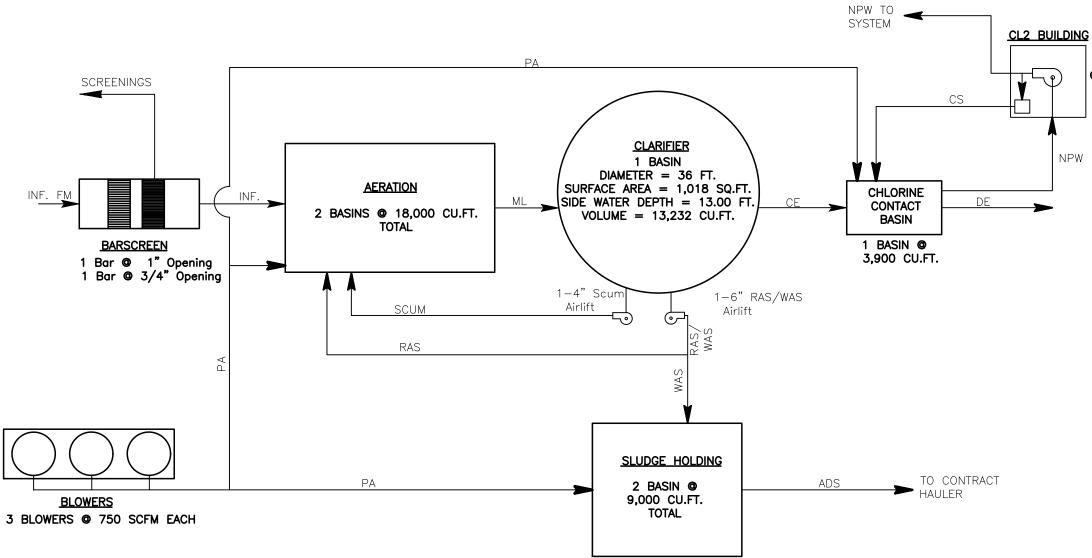
The completed treatment train will consist of steel "box car" units used for aeration and digestion. Two aeration basin, two sludge digestion basin, one 36' diameter clarifier and one chlorine contact basin will be fabricated for Phase 1. Phase 2 will include one additional aeration basin, one additional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

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

	Attachme	ent No. 12	
Treatment Units	# of Units	Dimensions (L*W*D) (ft.)	
Aeration Basin	2	60*12*14	V H Q
Clarifier	1	36*Dia*14	INTERIM PHASE 1 0.15 MGD
Cl2 Contact Basin	1	25*12*14	NTE NHA 15
Aerobic Digester	2	30*12*14	⊑ <u> </u>
Aeration Basin	2	60*12*14	5 2
Aeration Basin	1	60*12*14	ASE
Clarifier	1	36*Dia*14	PHAS
Cl2 Contact Basin	1	25*12*14	NTERIM PHASE 0.30 MGD
Aerobic Digester	2	30*12*14	TER 0.
Aerobic Digester	1	30*12*14	Z
Aeration Basin	3	60*12*14	
Aeration Basin	6	60*12*14	SE
Clarifier	1	36*Dia*14	ЧЧ
Clarifier	2	36*Dia*14	IMATE PH 0.95 MGD
Cl2 Contact Basin	1	25*12*14	1AT 95 I
Cl2 Contact Basin	1	25*12*14	JLTIMATE PHASE 0.95 MGD
Aerobic Digester	3	30*12*14	n
Aerobic Digester	5	30*12*14	

Bolded New p Shaded Existin

New processes Existing processes

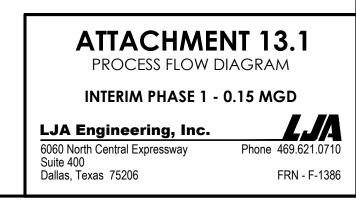


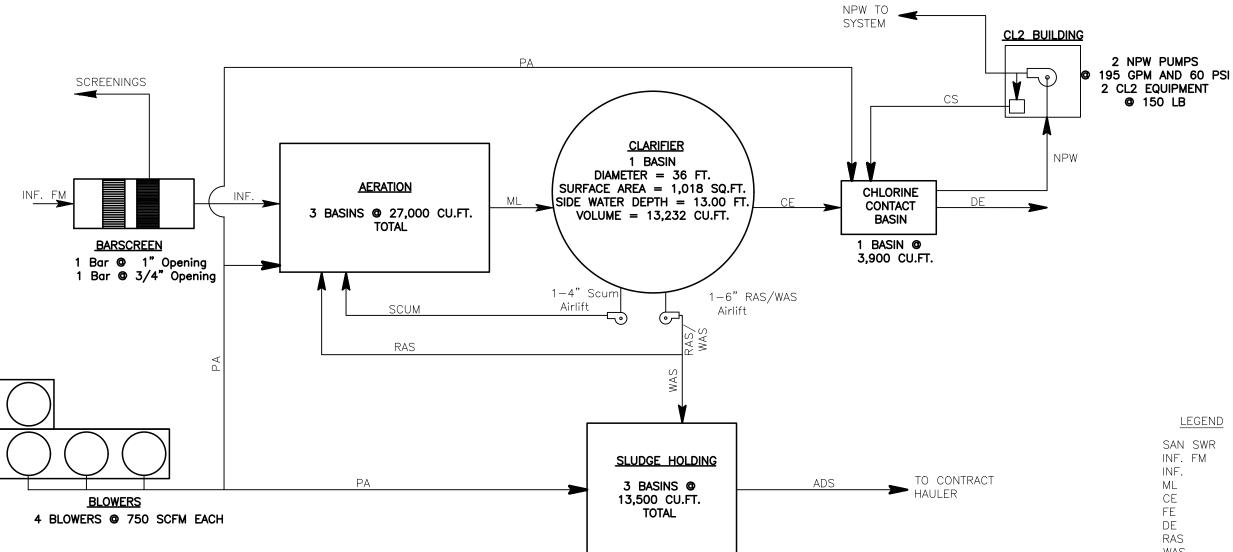
PHASE	AVG. DAILY FLOW	PEAK FLOW
PHASE 1	0.15 MGD	0.60 MGD

1 NPW PUMP @ 65 GPM AND 60 PSI 1 CL2 EQUIPMENT **@** 150 LB

#### LEGEND

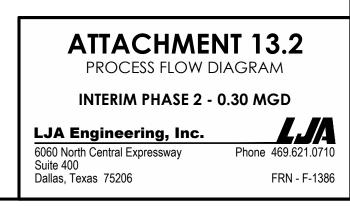
SAN SWR INF. FM INF.	SANITARY SEWER INFLUENT FORCE MAIN INFLUENT
ML	MIXED LIQUOR
CE	CLARIFIED EFFLUENT
FE	FILTERED EFFLUENT
DE	DISINFECTED EFFLUENT
RAS	RETURN ACTIVATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE
ADS	AEROBICALLY DIGESTED SLUDGE
NPW	NON-POTABLE WATER
CS	CHLORINE SOLUTION
TOW	TOP OF WALL ELEVATION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

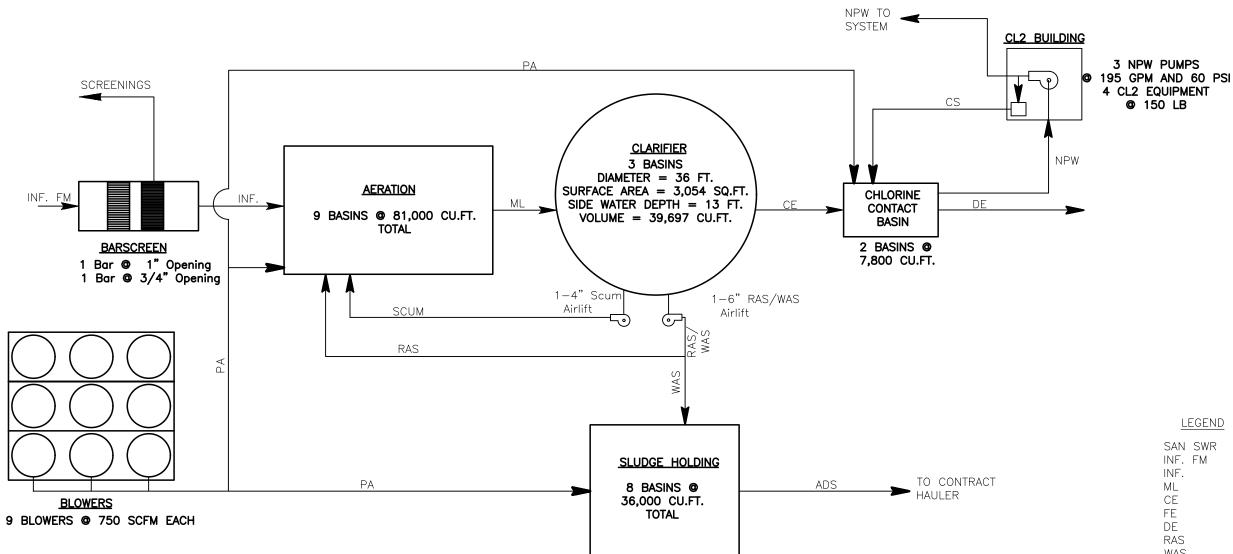




PHASE	AVG. DAILY FLOW	PEAK FLOW
PHASE 1	0.15 MGD	0.60 MGD
PHASE 2	0.30 MGD	1.20 MGD

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





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

#### LEGEND

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



#### **INTERIM PHASE 3 - 0.95 MGD**

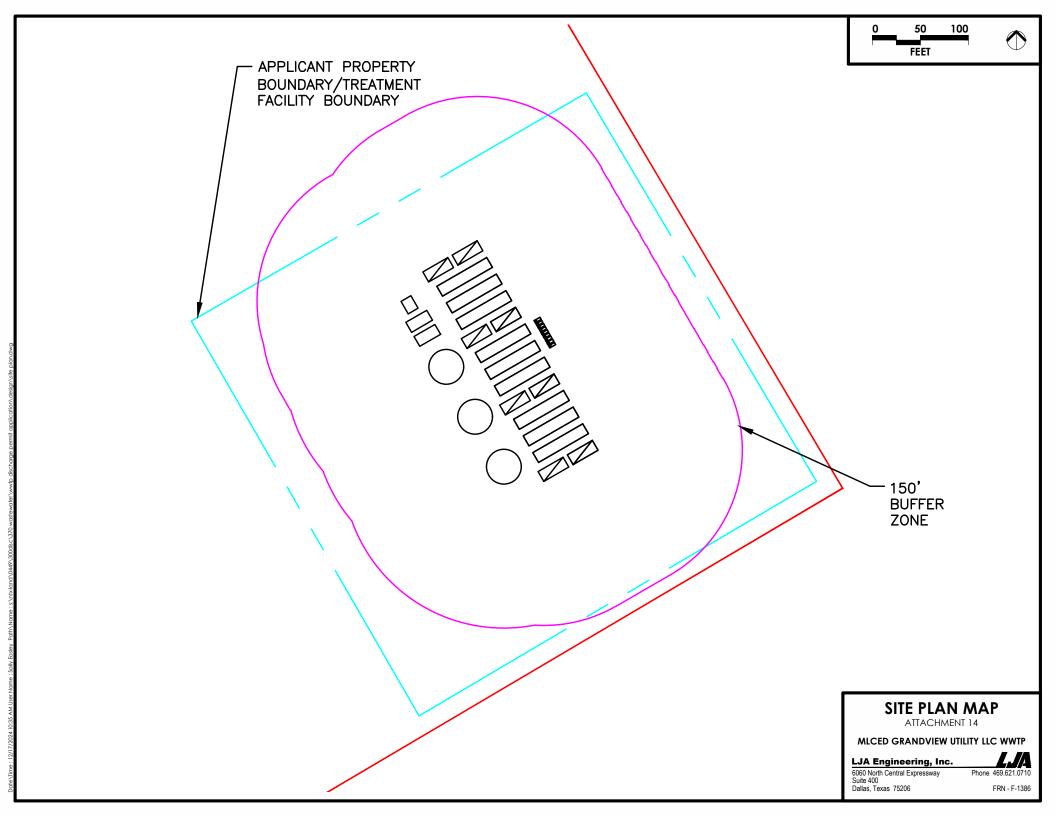
#### LJA Engineering, Inc.

6060 North Central Expressway Suite 400 Dallas, Texas 75206

Phone 469.621.0710

FRN - F-1386

//



### MLCED GRANDVIEW UTILITY LLC WWTP DISCHARGE PERMIT

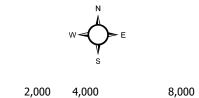
ATTACHMENT 15 NEARBY DOMESTIC PERMITTED WWTFS NEARBY SEWER-CCN (WITHIN 3-MILE RADIUS)

**DECEMBER 2024** 

### LEGEND

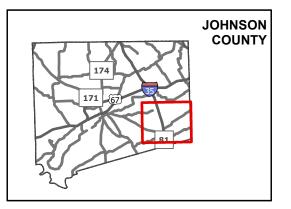


DATA SOURCE: TCEQ OUTFALLS - UPDATED JULY 2023, CCNS - PUC



0

8,000 FEET

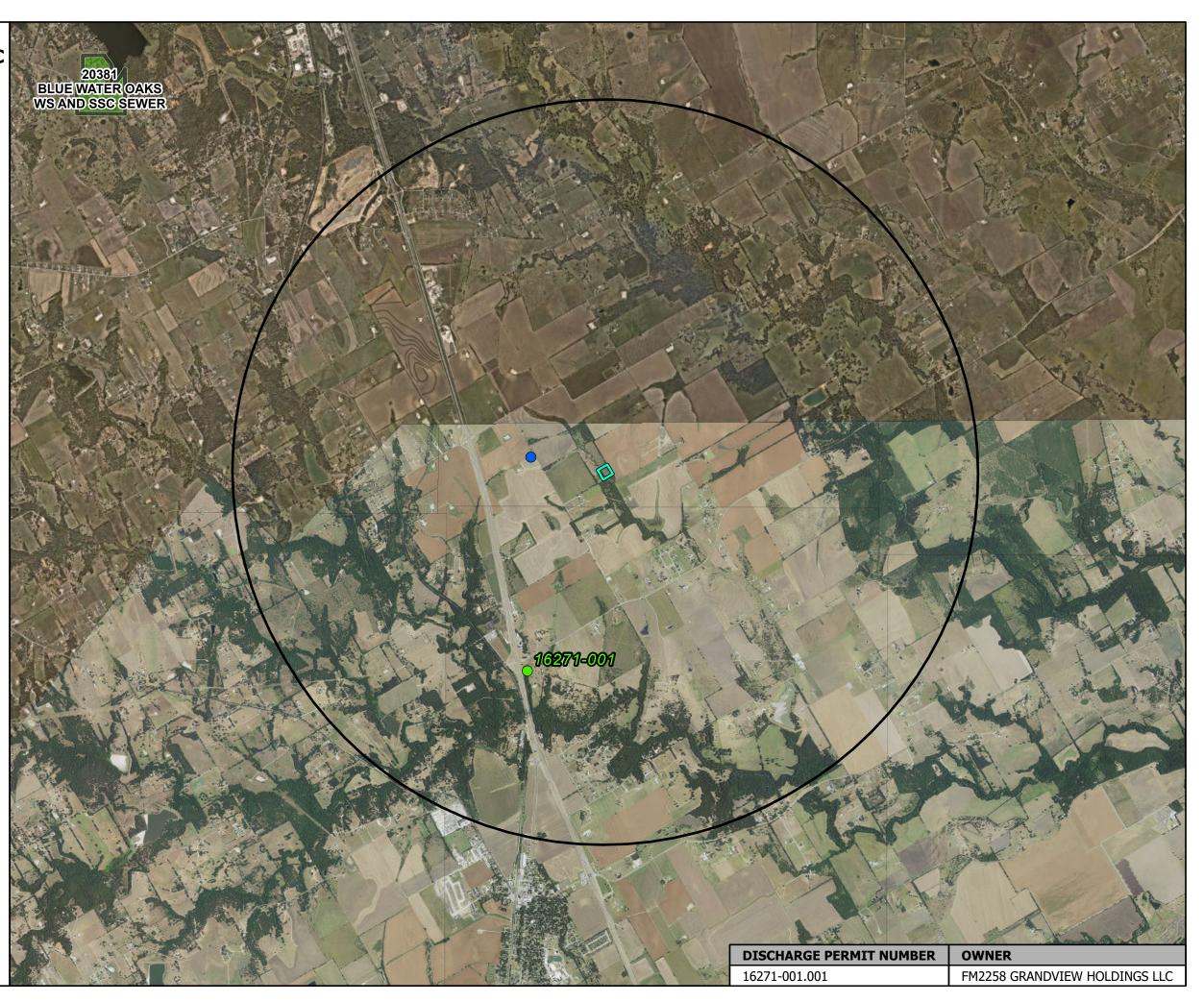


#### AERIAL PHOTOGRAPH DATE: NEARMAP 2023, 2024 AND NAIP 2022

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 No Dallas, T Phone -LJA.com

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





December 19, 2024

#### **VIA CERTIFIED MAIL**

FM2258 Grandview Holdings, LLC 7415 Southwest Parkway, Suite 500-280 Austin, Texas 78735

Re: Wastewater Service Request for MLCED Grandview Utility WWTP LJA Job No. NT5788-0449

To Whom It May Concern:

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

Please respond by indicating below on this letter if FM2258 Grandview Holdings has available capacity. After you have made the required indication, please email (lpreston@lja.com) or mail the response back. We would appreciate a response within thirty (30) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Laurá Preston, PE Project Manager

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

Name:	Title:
-	

### **Project Name:**

### **MLCED Grandview Utility LLC**

Wastewater Treatment Plant

**Process Design Calculations** 

Project #: NT5788-0449

		Phase I	Phase II	Phase III
WWTP Influent Flow				
Average Daily Flow	gpd	150,000	300,000	950,000
Peaking Factor		2	1 4	4
Peak Flow	gpd	600,000	1,200,000	3,800,000
Equivalent Single Family Connections	ESFC	428	857	2,714
Water Usage per Connection	gal/ESFC	350	) 350	350
WWTP Organic Parameters				
BOD <sub>5</sub>	325 mg/L			

DOD <sub>5</sub>	SZS IIIg/L			
NH <sub>3</sub>	70 mg/L			
BOD Loading	lbs/d	407	813	2,575

### **Aeration Basin Design**

Process Description	15C				
Organic Loading Rate	35	lbs BOD5/day/1,	000ft3		
Minimum Free Board	1.5	ft			
Minimum Aeration Volume		ft <sup>3</sup>	11,616	23,233	73,571
Number of Tanks			2	3	9
Length		ft	60	60	60
Width		ft	12	12	12
Height of Basin		ft	14.0	14.0	14.0
Calculated Side Water Depth at Peak Flow		ft	12.50	12.50	12.50
Proposed Free Board at Peak Flow		ft	1.50	1.50	1.50
Proposed Volume		ft <sup>3</sup>	18,000	27,000	81,000

### **Secondary Clarifier Design**

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

### **Chlorine Contact Basin**

Minimum Contact Time	20 min			
Minimum Free Board	1 ft			
Number of Basins		1	1	2
Width of Tank	12 ft	12	12	12
Height of Tank	12 ft	12	12	12
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	25 ft	25	25	25
Proposed Length of Talk		25	25	25
Proposed Volume	ft <sup>3</sup>	3,900	3,900	7,800
Proposed Detention Time	min	70.01	35.01	22.11
Aerobic Digester Design				
Volatile Soilds Wasted (From Solids Balance)	lbs/d	300	600	1900
TCEQ Loading Rate	200 lbs/d/1,000ft <sup>3</sup>			
$P_{x,tss}$				
$V = \frac{P_{x,tss}}{Loading Rate}$				
Minimum Required Volume (per TCEQ Regulations)	ft <sup>3</sup>	1,500	3,000	9,500
Minimum Required Volume (3.5 days)		5 250	10 500	33 250

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

## Chlorine Dosage Requirements

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

### 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 <sub>2</sub> /lb BOD <sub>5</sub>			
Aeration Airflowrate	scfm	727	1,453	4,602
Mixing Oxygen Requirement	20 scfm/1,000 ft3			
Mixing Airflowrate	scfm	360	540	1,620
Required Airflowrate	scfm	727	1,453	4,602
Aerobic Digester				
Type of Diffuser	Coarse Bubble Diffuser			
Required Mixing Air Rate	20 scfm/1,000 ft3			
Required Airflowrate	scfm	180	270	720
Chlorine Contact Basin				
Effluent DO Concentration	4 mg/L			
Initial DO Concentration*	0 mg/L			
Diffuser Capacity	150%			
Required Oxygen at Peak Flow	lb O <sub>2</sub> /d	20.03	40.05	126.84
Required Airflowrate	scfm	14.77	29.53	93.52
Airflowrate Required by Diffusers		22.15	44.30	140.28
Minimum Airdrops (10 scfm)		3	5	15
* Minimum DO Concentration in the Aeration Basin is 2 mg/L however, to b	e conservative an estimated DO of 0 mg/L has bee	en assumed entering the chloring	e contact basin	
Airlifts				
Amount Required	120 scfm			
Total Air Requirement				
Total Plant Required Air	scfm	1,041	1,873	5,535
		,		,
Blower Sizing				
Blower Capacity	750 scfm			
Blower Required		2	3	8
Blowers Proposed		3	4	9
F		-		-

					Capacity Cal	culations		_				
									1			
Year 1	10/1/2026	11/1/2026	12/1/2026	1/1/2027	2/1/2027	3/1/2027	4/1/2027	5/1/2027	6/1/2027	7/1/2027	8/1/2027	9/1/2027
Res. Connections	0	46	92	138	184	230	276	322	368	414	460	506
Flow at 350 GPD per conn.	0	16,100	32,200	48,300	64,400	80,500	96,600	112,700	128,800	144,900	161,000	177,100
				Γ	2			_				
Year 2	10/1/2027	11/1/2027	12/1/2027	1/1/2028	2/1/2028	3/1/2028	4/1/2028	5/1/2028	6/1/2028	7/1/2028	8/1/2028	9/1/2028
Res. Connections	552	598	644	690	736	782	828	874	920	966	1012	1058
Flow at 350 GPD per conn.	193,200	209,300	225,400	241,500	257,600	273,700	289,800	305,900	322,000	338,100	354,200	370,300
Year 3	10/1/2028	11/1/2028	12/1/2028	1/1/2029	2/1/2029	3/1/2029	4/1/2029	5/1/2029	6/1/2029	7/1/2029	8/1/2029	9/1/2029
Res. Connections	1104	1150	1196	1242	1288	1334	1380	1426	1472	1518	1564	1610
Flow at 350 GPD per conn.	386,400	402,500	418,600	434,700	450,800	466,900	483,000	499,100	515,200	531,300	547,400	563,500
Year 4	10/1/2029	11/1/2029	12/1/2029	1/1/2030	2/1/2030	3/1/2030	4/1/2030	5/1/2030	6/1/2030	7/1/2030	8/1/2030	9/1/2030
Res. Connections	1656	1702	1748	1794	1840	1886	1932	1978	2024	2070	2116	2162
Flow at 350 GPD per conn.	579,600	595,700	611,800	627,900	644,000	660,100	676,200	692,300	708,400	724,500	740,600	756,700
												3
Year 5	10/1/2030	11/1/2030	12/1/2030	1/1/2031	2/1/2031	3/1/2031	4/1/2031	5/1/2031	6/1/2031	7/1/2031	8/1/2031	9/1/2031
Res. Connections	2208	2254	2300	2346	2392	2438	2484	2530	2576	2622	2668	2714
Flow at 350 GPD per conn.	772,800	788,900	805,000	821,100	837,200	853,300	869,400	885,500	901,600	917,700	933,800	949,900

Attachment 17

90% of phase 1 flow, Proposed Phase 2 construction begins 90% of phase 2 flow, proposed Phase 3 construction begins Full development is reached, development stops

1.)

2.)

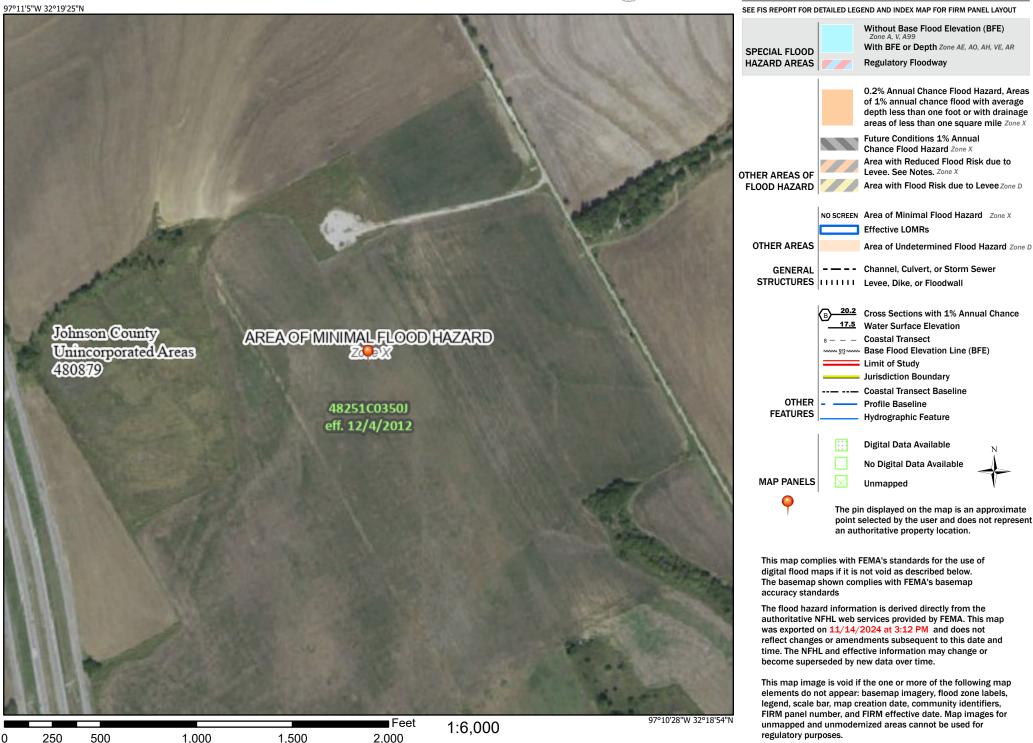
46	ESFC per month
350	gallons per escf
10/1/2026	Date

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

## National Flood Hazard Layer FIRMette



#### Legend

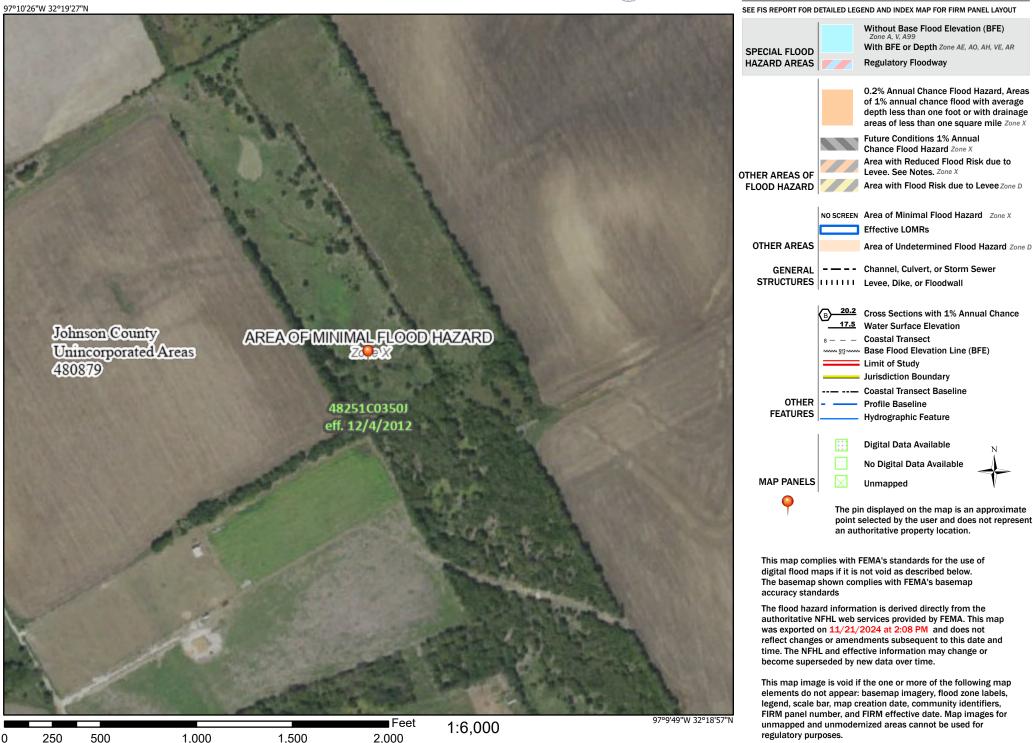


Basemap Imagery Source: USGS National Map 2023

## National Flood Hazard Layer FIRMette



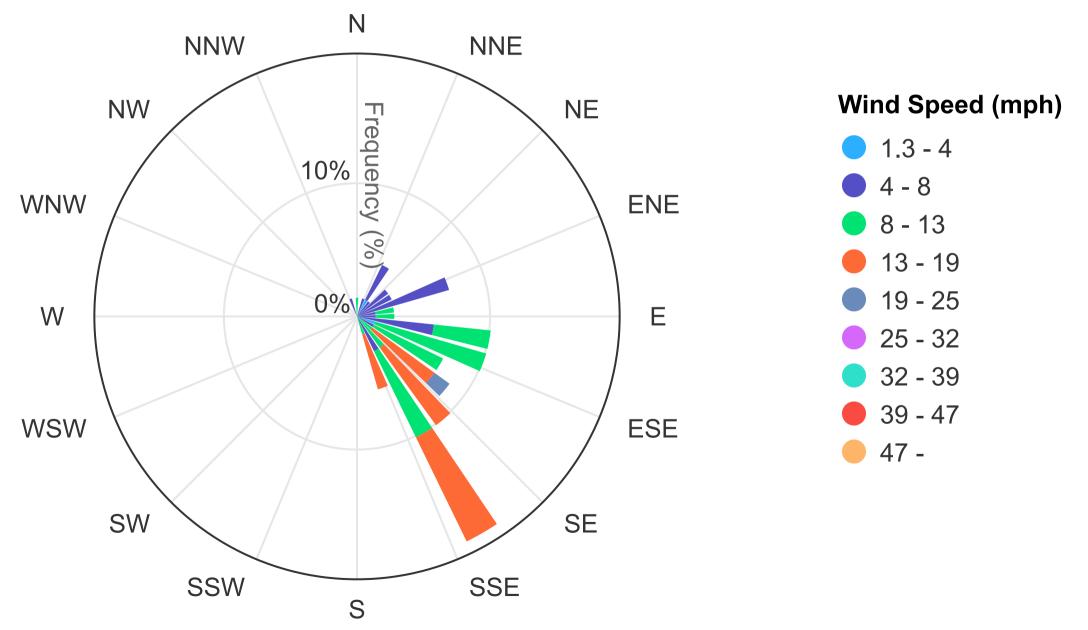
#### Legend



Basemap Imagery Source: USGS National Map 2023

# **ARLINGTON MUNICIPAL AP (TX) Wind Rose**

November 01, 2024 - November 03, 2024 Sub-Interval: January 1 - December 31, 0 - 24



Click and drag to zoom

	ATTACHMENT - 20	
	Sludge Management Plan Phase 1 - 0.15 MGD	
Influent Design Flow Influent BOD5 Concentration	0.15 MGD	
Aerobic Digester Volume	325 mg/L 67,325 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	9	13	19	38

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 67324.68 gal will be approximately 78 days at 100% capacity and annual average digested sludge produced of 142 ppd.

	ATTACHMENT - 20	
	Sludge Management Plar Phase 2 - 0.30 MGD	1
Influent Design Flow	0.3 MGD	
Influent BOD <sub>5</sub> Concentration	325 mg/L	
Aerobic Digester Volume	100,987 Gal	
Aeration Basin MLSS	2000 mg/L	

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent 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	7	9	14	28

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required. The calculated mean cell residence time (MCRT) for the digester storage volume of 100987.02 gal will be approximately 59 days at 100% capacity and annual average digested sludge produced of 285 ppd.

	ATTACHMEN Sludge Manageme Phase 3(Ultimate) - (	ent Plan		
Influent Design Flow	0.95 MGD			
Influent BOD <sub>5</sub> Concentration	325 mg/L			
Aerobic Digester Volume	269,299 Gal			
Aeration Basin MLSS	2000 mg/L			
	100% Elow	75% Elow	50% Elow	25% Elow

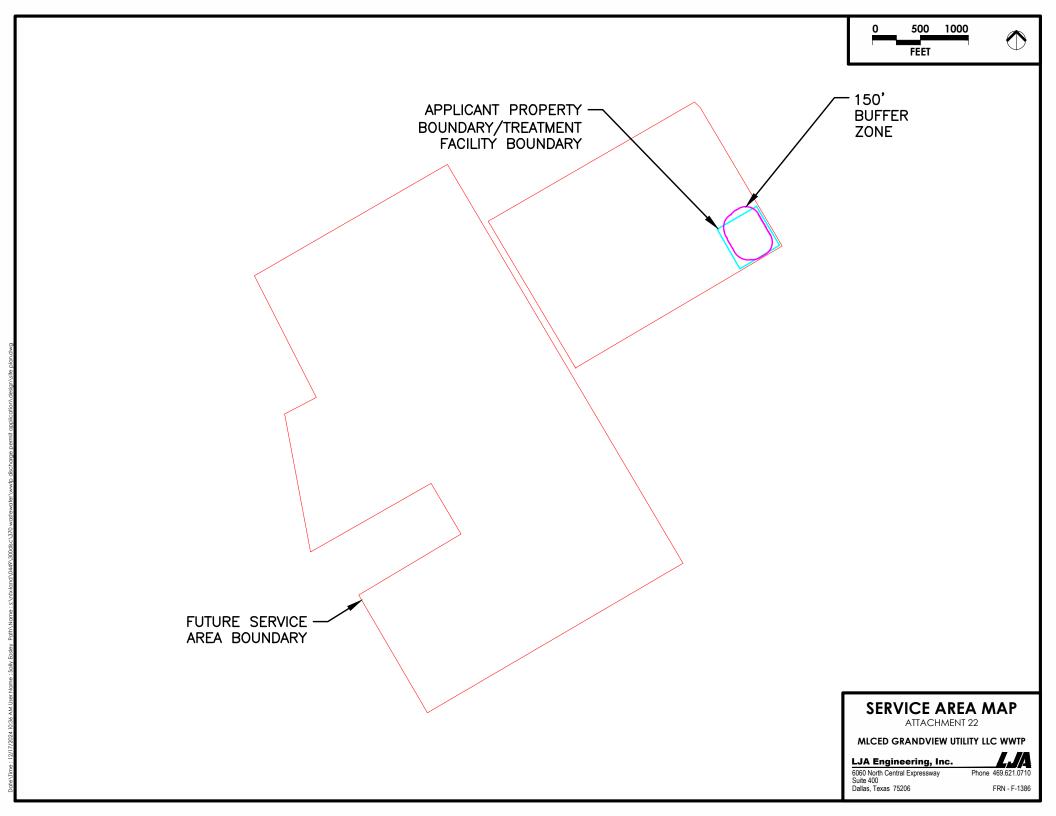
100% FIOW	75% FIOW	50% FIOW	25% FIOW
2575	1931	1287	644
901	676	451	225
45062	33797	22531	11266
5403	4052	2702	1351
	901 45062	2575         1931           901         676           45062         33797	257519311287901676451450623379722531

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

Sludge will be wasted from the RAS flow stream to the aerobic digester. Sludge solids will be stabilized in the digester Supernatant will be decanted from the digester and returned to the plant headworks for treatment.

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

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required. The calculated mean cell residence time (MCRT) for the digester storage volume of 269298.72 gal will be approximately 49 days at 100% capacity and annual average digested sludge produced of 901 ppd.



### **Candice Calhoun**

From:	Sally Easley <seasley@lja.com></seasley@lja.com>
Sent:	Monday, January 13, 2025 12:53 PM
То:	Candice Calhoun; Mimi Wallace
Cc:	Laura Preston; 0449 - Grandview 415 Acres; Christopher Kerolos
Subject:	RE: Application for Proposed Permit No. WQ0016696001 - MLCED Grandview Utility,
	LLC - Notice of Deficiency
Attachments:	WQ0016696001 NOD Response Letter.pdf; 0449 MLCED Grandview Utility LLC WWTP
	Spanish NORI.docx

Ms. Calhoun,

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

Thank you for all of your help,

Sally Easley Graduate Engineer

LJA Engineering | We seek solutions.

• <u>2150 S Central Expressway, Suite 300, McKinney, Texas 75070</u> P: 214.620.2778 | <u>LJA.com</u> Facebook • Twitter • LinkedIn

#4 Top Workplaces USA 2022



From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Tuesday, December 31, 2024 10:12 AM
To: Laura Preston <lpreston@lja.com>
Cc: Sally Easley <seasley@lja.com>
Subject: Application for Proposed Permit No. WQ0016696001 - MLCED Grandview Utility, LLC - Notice of Deficiency
Importance: High

#### [EXTERNAL EMAIL]

Good morning, Ms. Preston,

The attached Notice of Deficiency (NOD) letter dated <u>December 31, 2024</u>, requests additional information needed to declare the application administratively complete. Please send complete response, via email, by <u>January 14, 2025</u>.

Please let me know if you have any questions.

Regards,



Candice Courville Texas Commission on Environmental Quality Water Quality Division 512-239-4312 candice.calhoun@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at <a href="http://www.tceq.texas.gov/customersurvey">www.tceq.texas.gov/customersurvey</a>

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



January 10, 2025

Via Email to: Candice.Calhoun@tceq.texas.gov

Re: Response Letter for Case No.: WQ0016696001 MLCED Grandview Utility LLC WWTP LJA Job No. NT5788-0449

Dear Ms. Calhoun:

In response to the TCEQ comments dated December 31, 2024, we have addressed your comments as follows.

- 1. Administrative Report 1.0
  - Section 2, Item a an incorrect authorization typed as marked. The box listed as "Conventional Wastewater Treatment" is an error on our end and should say "Conventional Water Treatment". This is the incorrect authorization type for this permit. Our records show that this permit is a Privately-Owned Domestic Wastewater permit. Please provide an updated section to show the correct authorization type marked.

Response: An updated Administrative Report 1.0, Section 2, Item a, showing the correct authorization type marked as "Privately-Owned Domestic Wastewater" is attached to this response.

- 2. Administrative Report 1.1
  - i) The affected landowner map shows the land where the facility will be located is not owned by the applicant. This is not consistent with the Administrative Report 1.0, Section 9. If the land where the facility will be located is not owned by the applicant, an executed lease agreement or deed recorded easement is required, or the landowner must apply as co-applicant. Please clarify and revise the application accordingly.

Response: The land where the facility will be located is owned by the applicant. An updated landowner map is attached to this response which includes an additional data frame to more clearly show that the applicant and landowner boundaries are separate.

ii) The map must show the applicant's property boundaries and all properties adjacent to the applicant's properties. Please include an updated cross reference list and the list formatted for mailing labels (Avery 5160) in Microsoft Word Document.

Response: An updated landowner map is attached to this response which includes an additional data frame to more clearly show that the applicant and landowner boundaries are separate. No revisions to the landowner list are needed.

- 3. Core Data Form (CDF), Section II, items 7 & 8
  - i) The TX SOS/CPA filing number and the TX State Tax ID number were not provided. These are required for corporations. Please provide an updated CDF to include the SOS/CPA filing number and Tax ID number.

Response: An updated Core Data Form including completed Section II, items 7 & 8 is attached to this response.

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. MLCED Grandview Utility, LLC, 5274 Monterey Drive, Frisco, Texas 75034, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016696001 (EPA I.D. No. TX0147192) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 950,000,000 gallons per day. The domestic wastewater treatment facility will be located at approximately 0.9 mile southeast of the intersection of County Road 106 and County Road 203, near the city of Grandview, in Johnson County, Texas 76050. The discharge route will be from the plant site to (pending TCEQ RWA review). TCEQ received this application on December 27, 2024. The permit application will be available for viewing and copying at Alvarado Public Library, service desk, 210 North Baugh Street, Alvarado, in Johnson 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.tceg.texas.gov/permitting/wastewater/pending-permits/tpdesapplications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.168167,32.320494&level=18

Further information may also be obtained from MLCED Grandview Utility, LLC at the address stated above or by calling Ms. Laura Preston, P.E., LJA Engineering, Inc., at 214.442.6579.

Response: The version of the NORI included below is a copy of the above with changes noted in red.

APPLICATION. MLCED Grandview Utility LLC, 5274 Monterey Drive, Frisco, Texas 75034, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016696001 (EPA I.D. No. TX0147192) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 950,000 gallons per day. The domestic wastewater treatment facility will be located at approximately 0.9 mile southeast of the intersection of County Road 106 and County Road 203, near the city of Grandview, in Johnson County, Texas 76050. The discharge route will be from the plant site via outfall 001 to a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Richland-Chambers Reservoir in Segment 0836 of the Trinity River Basin; and via Outfall 002 to a man-made channel, thence to a storm pipe, thence to South Fork Chambers Creek, thence to Richland-Chambers Reservoir in Segment 0836 of the Trinity River Basin. TCEQ

received this application on December 27, 2024. The permit application will be available for viewing and copying at Alvarado Public Library, service desk, 210 North Baugh Street, Alvarado, in Johnson 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: <a href="https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications">https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications</a> . This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.168167,32.320494&level=18

Further information may also be obtained from MLCED Grandview Utility LLC at the address stated above or by calling Ms. Laura Preston, P.E., LJA Engineering, Inc., at 214.442.6579.

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

In addition to this NOD, questions regarding this permit were received from Mimi Wallace via email. For record keeping purposes, responses to Ms. Wallace's questions are also included herein.

1. Please verify the coordinates listed for **Outfall 001** as it is about 0.43 mile from the unnamed tributary. The converted coord's are 32.322383, -97.178231. Please send updated coord's if needed, in decimal format with six digits to right of decimal.

Latitude: Outfall 001: 32.322383 Longitude: Outfall 001: -97.178231

Updated application pages are also included which reflect these coordinates.

2. Please send the coordinates for **Outfall 002**, preferably in decimal format with six digits to right of decimal.

Latitude: Outfall 002: 32.322383 Longitude: Outfall 002: -97.178231

Updated application pages are also included which reflect these coordinates.

3. The unnamed tributary flows through an on-channel reservoir. Please send the name of the reservoir. It may be an SCS reservoir but I was unable to find its name.

There are no on-channel reservoirs along the discharge path.

4. I may revise the discharge route description for 002 to state via pipe rather than storm drain. Checking with team lead on that.

The discharge route description has been updated to reflect this change. Revised application pages are included to indicate this change as well as clarify the discharge route based on discussion. The discharge route description has also been updated in red above and in in the 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

Project Manager

LP/se

Enclosures: Form 10053 Pages 2 & 8 Form 10054 Page 2 Core Data Form Affected Landowner Map SPIF Form 20971 Page 2 Spanish NORI (word) Discharge Path Map TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



### DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

### Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) 150.00

### **Payment Information:**

Mailed	Check/Money Order Number: <u>N/</u>	<u>A</u>
	Check/Money Order Amount: <u>N/</u>	<u>'A</u>
	Name Printed on Check: <u>N/A</u>	
EPAY	Voucher Number: <u>737658 &amp; 73765</u>	<u>59</u>
Copy of Payment Voucher enclosed? Yes 🖂		

### Section 2. Type of Application (Instructions Page 26)

- **a.** Check the box next to the appropriate authorization type.
  - □ Publicly-Owned Domestic Wastewater
  - Privately-Owned Domestic Wastewater
  - Conventional Wastewater Treatment
- **b.** Check the box next to the appropriate facility status.
  - $\Box$  Active  $\boxtimes$  Inactive

**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 person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

#### Attachment: <u>N/A</u>

**F.** Owner sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled 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>	

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: <u>N/A</u>

### Section 10. TPDES Discharge Information (Instructions Page 31)

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

🗆 Yes 🖾 No

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

Approximately 0.90 miles southeast of the intersection of County Road 106 and County Road 203 in Johnson County, Texas

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

🗆 Yes 🖾 No

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

Outfall 001: To a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Richland-Chambers Reservoir in Segment 0836 of the Trinity River Basin

Outfall 002: To a man-made channel, thence to a storm pipe, thence to a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Richland-Chambers Reservoir in Segment 0836 of the Trinity River Basin.

City nearest the outfall(s): <u>Grandview</u>

County in which the outfalls(s) is/are located: <u>Johnson</u>

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

S<u>ee Attachment 11</u>

#### **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: <u>See Attachments 13.1, 13.2, & 13.3</u>

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

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

- Latitude: <u>Outfall 001: 32.322383</u> Outfall 002: 32.322383
- Longitude: <u>Outfall 001: -97.178231</u> Outfall 002: -97.178231

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

- Latitude: <u>N/A</u>
- Longitude: <u>N/A</u>

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: <u>14, 22</u>



## **TCEQ Core Data Form**

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

### **SECTION I: General Information**

1. Reason for Submission (If other is checked please desc	cribe in space provided.)	
New Permit, Registration or Authorization (Core Data H	orm should be submitted with	the program application.)
Renewal (Core Data Form should be submitted with the	e renewal form)	Other
2. Customer Reference Number (if issued)	Follow this link to search	3. Regulated Entity Reference Number (if issued)
for CN or RN numbers in		
CN Central Registry**		
CN	central negistry	RN
	1	

### **SECTION II: Customer Information**

4. General Customer Information 5. Effective				5. Effective	Date for Cu	ustome	er Inf	formation	Updat	<b>es</b> (mm/dd/	уууу)		
New Customer Update to Customer Information Change							ge in R	egulated Ent	ity Own	ership			
Change in Le	Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)												
		(					P			,			
The Customer	r Name sı	ubmittee	d here may l	be updated a	utomatical	lly base	ed or	n what is c	urrent	and active	with th	ne Texas Seci	retary of State
(SOS) or Texas Comptroller of Public Accounts (CPA).													
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)							<u>If nev</u>	If new Customer, enter previous Customer below:					
MLCED Grandvi	MLCED Grandview Utility LLC												
7. TX SOS/CP/	A Filing N	umber		8. TX State	<b>Tax ID</b> (11 d	ax ID (11 digits)			9. Federal Tax ID		10. DUNS Number (if		
0005040774					_						applicable)		
0805319774				3209263786	J				(9 digits)		N/A		
									N/A				
11. Type of C	11. Type of Customer: 🛛 Corporation							Individual Partnership			ership: 🗌 Gen	ship: 🗌 General 🗌 Limited	
Government:	Government: City County Federal Local State Other Sole Proprietorship Other:												
12. Number of Employees 13. Independently Owned and Operated?													
☐ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher							🖾 Yes 🗌 No						
<b>14. Customer Role</b> (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following													
Owner		Ope	erator	Ov	ner & Opera	ator							
	al Licensee	🗌 Re	esponsible Pa	rty 🗌 '	VCP/BSA App	olicant				Other:			
	5274 Mo	nterey D	r.										
15. Mailing													
Address:													
Address:	City	Frisco			State	ТХ		ZIP	7545	3		ZIP + 4	
										-			
<b>16. Country Mailing Information</b> (if outside USA)					17. E-Mail Address (if applicable)								
							kvest@mlcedholdings.com						
18. Telephone Number			1	l9. Extensio	on or C	ode		20. Fax Number (if applicable)					

### **SECTION III: Regulated Entity Information**

21. General Regulated E	ntity Information (If	'New Regulated Entity" is selected, a	new permit application is a	lso required.)					
New Regulated Entity 🔲 Update to Regulated Entity Name 🔄 Update to Regulated Entity Information									
The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).									
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)									
MLCED Grandview Utility LLC WWTP									
23. Street Address of the Regulated Entity:									
(No PO Boxes)									
	City	State	ZIP	ZIP + 4					
24. County	Johnson								
If no Street Address is provided, fields 25-28 are required.									
25. Description to									

Physical Location:	Approximat	ely 0.90 miles southea	st of the intersect	ion of Coun	ty Road 106 a	nd County F	Road 203 in J	ohnson Cou	inty, Texas
26. Nearest City						State		Nea	rest ZIP Code
Grandview						ТХ		7605	50
Latitude/Longitude are re used to supply coordinate	•			-	Data Standa	rds. (Geoc	oding of th	e Physical	Address may be
27. Latitude (N) In Decima	al:	32.322383		28. L	ongitude (W	/) In Decin	nal:	97.17823	1
Degrees	Minutes	Seco	onds	Degre	rees N		Minutes		Seconds
32	19 20.		20.58		97		10		41.63
29. Primary SIC Code (4 digits)	Secondary SIC Code	C Code 31. Primary NAICS Code (5 or 6 digits)				<b>32. Secondary NAICS Code</b> (5 or 6 digits)			
4952	4952 221320								
33. What is the Primary B	Business of t	his entity? (Do not	repeat the SIC or	NAICS desci	ription.)				
Domestic Wastewater Treatn	nent								
	MLCED Gr	andview Utility LLC							
34. Mailing Address:	5274 Mon	terey Dr.							
	City	Frisco	State	тх	ZIP	75453		ZIP + 4	
35. E-Mail Address:	kve	st@mlcedholdings.cor	n		·				
36. Telephone Number		37	. Extension or C	Code	38. Fa	ax Numbe	r (if applicab	le)	
( 512 ) 887-0010					( )	) -			

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

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

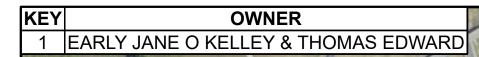
### **SECTION IV: Preparer Information**

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

### **SECTION V: Authorized Signature**

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

Company:	MLCED Grandview Utility LLC	Job Title:	Mana gar	
Name (In Print):	Chad Dannheim	Phone:	817-319-9351	
Signature:	3		Date:	12-18-2024



## MLCED GRANDVIEW UTILITY LLC WWTP DISCHARGE PERMIT

35W

COUNTY ROAD 305



JANUARY 2025

LEGEND

1-MILE DISCHARGE PATH

APPLICANT PROPERTY BOUNDARY/ TREATMENT FACILITY BOUNDARY

AFFECTED LANDOWNERS

DATA SOURCE: PARCEL - JOHNSON COUNTY APPRAISAL DISTRICT (DECEMBER 2024)

FEET

AERIAL PHOTOGRAPH DATE: NAIP 2022

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 LJA.com

JOHNSON COUNTY

POINT OF DISCHARGE



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): <u>Ms.</u> First and Last Name: <u>Laura Preston</u> Credential (P.E, P.G., Ph.D., etc.): <u>P.E.</u> Title: <u>Project Manager</u> Mailing Address: <u>6060 N Central Expy, Ste 400</u> City, State, Zip Code: <u>Dallas, Texas, 75206</u> Phone No.: <u>325-668-2952</u> Ext.: <u>N/A</u> Fax No.: <u>N/A</u> E-mail Address: <u>lpreston@lja.com</u>

- 2. List the county in which the facility is located: <u>Johnson</u>
- 3. If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property.

<u>N/A</u>

4. Provide a description of the effluent discharge route. The discharge route must follow the flow of effluent from the point of discharge to the nearest major watercourse (from the point of discharge to a classified segment as defined in 30 TAC Chapter 307). If known, please identify the classified segment number.

Outfall 001: To a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Chambers Creek in Segment 0836 of the Trinity River Basin

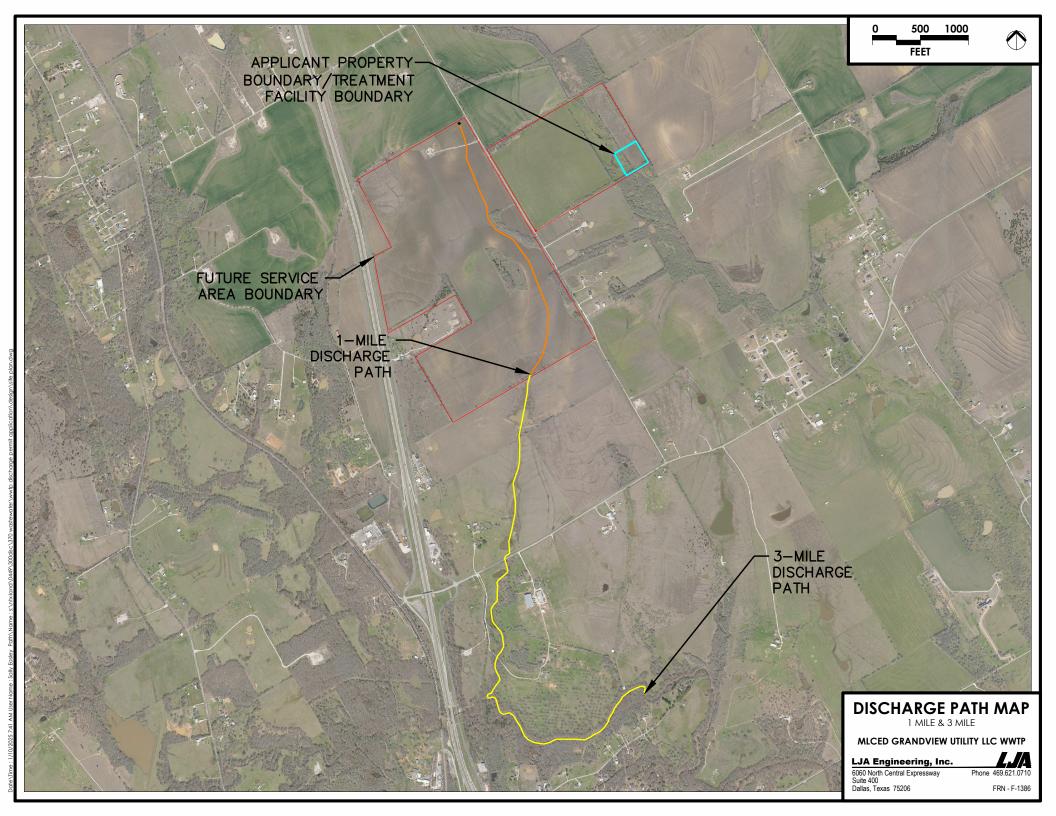
Outfall 002: To a man-made channel, thence to a storm pipe, thence to a man-made channel, thence to an unnamed tributary of South Fork Chambers Creek, thence to South Fork Chambers Creek, thence to Richland-Chambers Reservoir in Segment 0836 of the Trinity River Basin.

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

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

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

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



### 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. WQ0016696001

SOLICITUD. MLCED Grandview Utility LLC, 5274 Monterey Drive, Frisco, Texas 75034 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEO) para el propuesto Permiso No. WO0016696001 (EPA I.D. No. TX 0147192) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 950,000 galones por día. La planta está ubicada en 0.9 millas sudeste de la intersección de CR 106 y CR 203 en el Condado de Johnson, Texas. La ruta de descarga es del sitio de la planta a través del emisario 001 a un canal artificial, de allí a un afluente sin nombre de South Fork Chambers Creek, de allí a South Fork Chambers Creek, de allí al embalse Richland-Chambers en el segmento 0836 de la cuenca del rio Trinity; y a través del emisario 002 a un canal artificial, de allí a un tubo pluvial, de allí a un canal artificial, de allí a un afluente sin nombre de South Fork Chambers Creek, de allí a South Fork Chambers Creek, de allí al embalse Richland-Chambers en el segmento 0836 de la cuenca del rio Trinity. La TCEO recibió esta solicitud el 27 de diciembre de 2024. La solicitud para el permiso está disponible para leerla y copiarla en 210 North Baugh Street, Alvarado, en el condado de Johnson, Texas, La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdesapplications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.168167,32.320494&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 contencios 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 especifico. 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 DE LA TCEQ. Todos los comentarios escritos del público y los para pedidos una reunión deben ser presentados a la Oficina del Secretario Principal, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 o por el internet at** <u>www.tceq.texas.gov/about/comments.html</u>. 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. Si necesita más información en Español sobre esta solicitud para un permiso o el proceso del permiso, por favor llame a El Programa de Educación Pública de la TCEQ, sin cobro, al 1-800-687-4040. La información general sobre la TCEQ puede ser encontrada en nuestro sitio de la red: <u>www.tceq.texas.gov</u>.

También se puede obtener información adicional del MLCED Grandview Utility LLC a la dirección indicada arriba o llamando a Laura Preston, Project Manager, LJA Engineering, Inc. al 214.442.6579.

Fecha de emisión \_\_\_\_\_ [Date notice issued]