



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 [Title 30, Texas Administrative Code \(30 TAC\), Chapter 39, Subchapter H](#). Applicants may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

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

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

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

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

PVTPFL, LLC (2. Enter Customer Number here (i.e., CN6#####)) proposes to operate University Oaks Wastewater Treatment Facility (5. Enter Regulated Entity Number here (i.e., RN1#####)), a wastewater treatment facility. The facility will be located at approximately 350 feet north of the intersection of Farm-to-Market Road 1098 & Wyatt Chapel Road, in the city of Prairie View, Waller County, Texas 77445. New application to discharge 125,000 gallons per day of treated domestic wastewater in phase 1, 250,000 gallons per day of treated domestic wastewater in phase 2, and 980,000 gallons per day of treated domestic wastewater in its ultimate phase.

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

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.

PVTPFL, LLC (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar University Oaks Wastewater Treatment Facility 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), un instalación de tratamiento de aguas residuales. La instalación está ubicada en aproximadamente 350 pies al norte de la intersección de Farm-to-Market Road 1098 y Wyatt Chapel Road, en ciudad de Prairie View, Condado de Fort Bend, Texas 77445. Nueva solicitud para descargar 125,000 galones diarios de aguas residuales domesticas tratadas en fase y 250,000 galones diarios de aguas residuales domesticas tratadas en fase 2 y 980,000 galones diarios de aguas residuales domesticas tratadas en su fase final.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli.. Aguas residuales domesticas. estará tratado por un proceso de lodos activados para todas las fases.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PROPOSED PERMIT NO. WQ0016816001

APPLICATION. PVTPFL, LLC, 1333 West Loop South, Suite 860, Houston, Texas 77027, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016816001 (EPA I.D. No. TX0147893) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 980,000 gallons per day. The domestic wastewater treatment facility will be located approximately 350 feet north of the intersection of Farm-to-Market Road 1098 and Wyatt Chapel Road, in the city of Prairie View, Waller County, Texas 77445. The discharge route will be from the plant site to an unnamed ditch, thence to an unnamed tributary, thence to Ponds Creek, thence to Clear Creek, thence to Brazos River Below Navasota River. TCEQ received this application on May 22, 2025. The permit application will be available for viewing and copying at Waller County Library – Hempstead Branch, 2331 11th Street, Hempstead, in Waller 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=-95.99782,30.103083&level=18>

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

El aviso de idioma alternativo en español está disponible en

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public

interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application.** If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing. A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <https://www14.tceq.texas.gov/epic/eComment/>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from PVTPFL, LLC at the address stated above or by calling Ms. Ashley Broughton, P.E., LJA Engineering, Inc., at 713-380-4431.

Issuance Date: June 20, 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. WQ0016816001

SOLICITUD. PVTPFL, LLC, 1333 West Loop South, Suite 860, Houston, Texas 77027, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016816001 (EPA I.D. No. TX0147893) 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 980,000 galones por día. La planta estará ubicada aproximadamente 350 pies al norte de la intersección de Farm-to-Market Road 1098 y Wyatt Chapel Road, en la ciudad de Prairie View, en el Condado de Waller, Texas 77445. La ruta de descarga estará del sitio de la planta a una zanja sin nombre, de allí a un afluente sin nombre, de allí a Ponds Creek, de allí a Clear Creek y de allí al río Brazos debajo del río Navasota. La TCEQ recibió esta solicitud el 22 de mayo de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Waller County Library - Hempstead Branch, 2331 11th Street, Hempstead, en el condado de Waller antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.99782,30.103083&level=18>

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ

realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas

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

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

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

También se puede obtener información adicional del LJA Engineering, Inc. a la dirección indicada arriba o llamando a Sra. Ashley Broughton, P.E. al (713) 380-4431.

Fecha de emisión: 20 de junio de 2025

Leah Whallon

From: Ryan Canfield <rcanfield@lja.com>
Sent: Tuesday, June 10, 2025 4:56 PM
To: Leah Whallon
Cc: Ashley Broughton
Subject: RE: Application for Proposed Permit No. WQ0016816001; PVTPFL, LLC; University Oaks WWTP
Attachments: Admin NOD Response Letter.pdf; 10400 - Page 2.pdf; 10053 - Page 8.pdf; Plain Language Summary.pdf; SPIF - Sheet 1.pdf; ATTACHMENT 3 AFFECTED LANDOWNER EXHIBIT.pdf; Landowner's Label and Cross Reference List.pdf; Consent (Epitome - Authorized Signatory) v01 RMWBH.pdf; Contribution Warranty Deed (University Oaks) RECORDED.pdf; Municipal Discharge New Spanish NORI.docx
Follow Up Flag: Follow up
Flag Status: Flagged

Good afternoon Leah,

The comments made in the Administrative NOD have been addressed, please see the attached response. The following pages have been revised and are attached:

- Core Data Form (10400) – Sheet 2
- Administrative Report (10053) – Sheet 8
- Plain Language Summary
- Supplemental Permit Information Form (SPIF) – Sheet 1
- Affected Landowner Map & Landowner List
- Authorized Representative Proof
 - Consent form
 - Recorded Deed
- Spanish NORI

Please let me know if you have any questions or need any additional information.

Thank you,

RYAN CANFIELD, EIT | Graduate Engineer

Land - Water/Wastewater

O: 713.953.5200 | D: 713.335.1334

3600 W Sam Houston Pkwy S, Suite 600, Houston, TX 77042

EMPLOYEE-OWNED. CLIENT FOCUSED.

www.lja.com



From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>

Sent: Wednesday, June 4, 2025 3:04 PM

To: Ryan Canfield <rcanfield@lja.com>

June 9, 2025

Ms. Leah Whallon
Application Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality
12100 Park 35 Circle
Austin, TX 78753

RE: Application Renew, Permit No.: WQ0016816001 (EPA I.D. No. TX0147893)
Applicant Name: PVTPFL, LLC (CN606388726)
Site Name: University Oaks WWTP (RN112217740)
Type of Application: New

Dear Ms. Whallon,

This letter is in response to your review comments dated May 30, 2025 (attached). We have addressed all comments and provide the below summary for your reference.

- 1) Comment: "Core Data Form, Section III, Item 25. The facility location description does not appear to be consistent with the coordinates provided. Please provide a revised page that lists a proposed facility location description using a single distance in feet or miles from a nearby intersection. A suggested location description in this format is "approximately 350 feet north of the intersection of Farm-to-Market Road 1098 and Wyatt Chapel Road."

Response: The facility location description has been updated to the suggested location description.

- 2) Comment: "Please also update the physical location description throughout the application to be consistent on all forms including items:
 - Administrative Report 1.0, Section 10.A
 - Plain Language Summary (TCEQ-20972)
 - Supplemental Permit Information Form (TCEQ-20971)

Response: The physical location description has been updated throughout the application to the suggest location description.

- 3) Comment: "Administrative Report 1.0, Section 10.C. No response was provided. Please provide a revised page to list a response to all questions in 10.C."

Response: A response was added to Section 10.C.

- 4) Comment: "Administrative Report 1.0, Section 14. The application was signed by Mr. Steven Tinnin, whose title is Authorized Representative. Applications must be signed by a person meeting the signatory authority requirements. For a corporation, this should be an individual of at least the level of vice president. Please provide either written documentation showing Mr. Tinnin has signatory authority, or provide a new signature page, signed by an individual meeting the signatory authority requirement.

Response: Attached is a consent form demonstrating Steven Tinnin's ability to sign on behalf of Epitome Development, LLC and all the entities owned by them. I have also attached a deed, with the signature page demonstrating the permit applicant, PVTPFL, LLC, as an entity under Epitome Development, LLC.

- 5) Comment: "Administrative Report 1.1, Section 1. The affected landowner map does not identify all current landowners adjacent to the applicant's property boundary and for the full one mile downstream of the outfall. Please provide an updated affected landowner map that includes all current adjacent and downstream landowners. Please also provide an updated cross-reference landowner list on a separate page from the map, and the updated landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document."

Response: The affected landowner and landowner list have been updated and are attached.

- 6) Comment: "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."

Response: I have no exceptions with the NORI.

- 7) Comment: "The application indicates that public notices in Spanish are required. After confirming the portion of the NORI contained in the letter does not contain and 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 Spanish NORI is attached.

The edited pages of the Administrative Report (10053), Core Data Form (10400), Plain Language Summary, Supplemental Permit Information Form, Affected Landowner map, and Landowner List have been attached with the updated information for your convenience. Should you have any questions or need any additional information concerning this permit, please call me at 713.335.1334.

Sincerely,



Ryan Canfield

RC/pn

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(713) 598-3821		() -

SECTION III: Regulated Entity Information

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

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

25. Description to Physical Location:	Approximately 350 feet north of the intersection of Farm-to-Market Road 1098 and Wyatt Chapel Road.							
26. Nearest City					State	Nearest ZIP Code		
Prairie View					TX	77445		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:		30.103083			28. Longitude (W) In Decimal:		95.997828	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30°	6'	11.10"	95°	59'	52.18"			
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
6552			221320					
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
Wastewater Treatment Facility								
34. Mailing Address:	1333 West Loop South							
	Suite 860							
	City	Houston	State	TX	ZIP	77027	ZIP + 4	
35. E-Mail Address:		steven@epitome.dev						
36. Telephone Number			37. Extension or Code			38. Fax Number (if applicable)		
(713) 598-3821						() -		

E. Owner of effluent disposal site:

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

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

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

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 350 feet north of the intersection of Farm-to-Market Road 1098 and Wyatt Chapel Road.

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:

Effluent will discharge to a ditch thence through storm sewer directly south to Ponds Creek Segment 1202P.

City nearest the outfall(s): Prairie View

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

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

PVTPFL, LLC (CN606388726) proposes to operate University Oaks Wastewater Treatment Facility (RN112217740), a wastewater treatment facility. The facility will be located at approximately 350 feet north of the intersection of Farm-to-Market Road 1098 & Wyatt Chapel Road, in the city of Prairie View, Waller County, Texas 77445. New application to discharge 125,000 gallons per day of treated domestic wastewater in phase 1, 250,000 gallons per day of treated domestic wastewater in phase 2, and 980,000 gallons per day of treated domestic wastewater in its ultimate phase.

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

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.

PVTPFL, LLC (CN606388726) propone operar University Oaks Wastewater Treatment Facility 5. Introduzca el número de entidad regulada aquí (RN112217740), un instalación de tratamiento de aguas residuales. La instalación está ubicada en aproximadamente 350 pies al norte de la intersección de Farm-to-Market Road 1098 y Wyatt Chapel Road, en ciudad de Prairie View, Condado de Fort Bend, Texas 77445. Nueva solicitud para descargar 125,000 galones diarios de aguas residuales domesticas tratadas en fase y 250,000 galones diarios de aguas residuales domesticas tratadas en fase 2 y 980,000 galones diarios de aguas residuales domesticas tratadas en su fase final.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli.. Aguas residuales domesticas. estará tratado por un proceso de lodos activados para todas las fases.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: PVTPFL, LLC

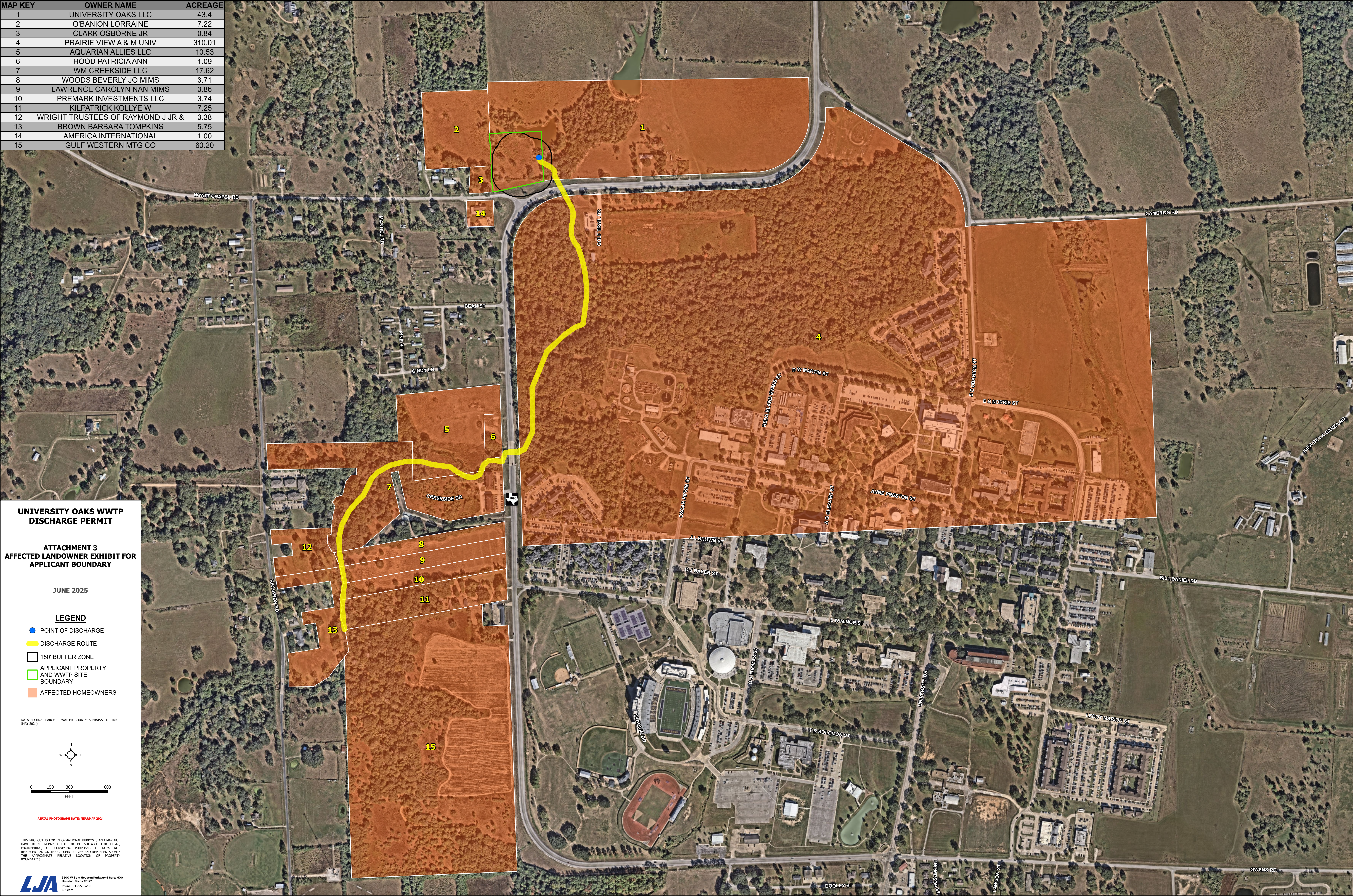
Permit No. WQ00 _____

EPA ID No. TX _____

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

Approximately 350 feet north of the intersection of Farm-to-Market Road 1098 & Wyatt Chapel Road, in the city of Prairie View, Waller County, Texas 77316

MAP KEY	OWNER NAME	ACREAGE
1	UNIVERSITY OAKS LLC	43.4
2	O'BANION LORRAINE	7.22
3	CLARK OSBORNE JR	0.84
4	PRAIRIE VIEW A & M UNIV	310.01
5	AQUARIAN ALLIES LLC	10.53
6	HOOD PATRICIA ANN	1.09
7	WM CREEKSIDE LLC	17.62
8	WOODS BEVERLY JO MIMS	3.71
9	LAWRENCE CAROLYN NAN MIMS	3.86
10	PREMARK INVESTMENTS LLC	3.74
11	KILPATRICK KOLLYE W	7.25
12	WRIGHT TRUSTEES OF RAYMOND J JR &	3.38
13	BROWN BARBARA TOMPKINS	5.75
14	AMERICA INTERNATIONAL	1.00
15	GULF WESTERN MTG CO	60.20



UNIVERSITY OAKS, LLC
3040 POST OAK BLVD #STE 1212
HOUSTON, TX 77056

O'BANION LORRAINE
13911 BLUFF WIND
SAN ANTONIO, TX 78216

CLARK OSBORNE JR
PO BOX 2863
PRAIRIE VIEW, TX 77446

PRAIRIE VIEW A&M UNIV
301 TARROW STREET
COLLEGE STATION, TX 77840-7896

AQUARIAN ALLIES, LLC
9900 SPECTRUM DR
AUSTIN, TX 78717

HOOD PATRICIA ANN
C/O LINUS JOSEPH GUILLORY JR
39163 ADDIE GEE
HEMPSTEAD, TX 77445

WM CREEKSIDE, LLC
500 W 5TH ST #STE 1010
HOUSTON, TX 77064-1357

WOODS BEVERLY JO MIMS
4507 AUSTIN
HOUSTON, TX 77004-4907

LAWRENCE CAROLYN NAN MIMS
8222 SOUTH PRAIRIE
CHICAGO, IL 606219-0619

PREMARK INVESTMENTS, LLC
3535 WESTHEIMER RD SUITE 250
HOUSTON, TX 77027

KILPATRICK ERIC LAMONT
PO BOX 398
HEMPSTEAD, TX 77445

WRIGHT TRUSTEES OF RAYMOND J JR
5644 HENSLEY DR
FORT WORTH, TX 76134-2202

BROWN BARBARA TOMPKINS
1502 ROSEWOOD CT
FRIENDSWOOD, TX 77546-7546

BUDDHISTS COMMUNITY
10203 FORUM PARK DR APT 218
HOUSTON, TX 77036

GULF WESTERN MTG CO
PO BOX 6
PORT ARTHUR, TX 77641-0006

**UNANIMOUS WRITTEN CONSENT OF THE SOLE MANAGING MEMBER OF
EPITOME DEVELOPMENT LLC**

October 25, 2024

The undersigned, being the sole Managing Member of Epitome Development LLC, a Texas limited liability company (the “**Company**”), hereby waives any and all notice and requirements for the holding of a meeting of the sole Managing Member and takes the following actions and adopts the following resolutions by signing this written consent (this “**Consent**”).

WHEREAS, the undersigned has determined that in order for the ordinary business operations of the Company to function in a proper and efficient manner, it is prudent and advisable to delegate to Steven Tinnin certain authority to make, execute, and deliver agreements, documents, and instruments, and to take such other actions as described in this Consent, for and on behalf of the Company and entities controlled by the Company (collectively, “**Companies**”).

NOW THEREFORE, let it be:

RESOLVED, that effective as of the date hereof, that Steven Tinnin shall be considered an “**Authorized Representative**,” for the purposes of these resolutions; and

RESOLVED, that the Authorized Representative be, and hereby is, authorized, empowered, and directed in the name and on behalf of the Companies, to make, execute, and deliver, or cause to be made, executed, and delivered, all such agreements, undertakings, documents, instruments, or certificates in the name and on behalf of the Companies in the ordinary course of business, and to prepare, execute, and file, or cause to be prepared, executed, and filed, with any federal, state, local, foreign, or other regulatory agencies any forms, reports, filings, applications, or other documents and to incur and pay or cause to be incurred and paid, such expenses, fees, and taxes as shall, in the opinion of such Authorized Representative, be deemed necessary, advisable, or appropriate in the ordinary course of business of the Companies; provided however, the Authorized Representative shall give prior written notice to the undersigned Managing Member prior to taking any of the foregoing actions, and the Authorized Representative shall not be permitted to enter into or execute any documents relating to the following: (i) purchase, sale, transfer, or disposition of real property; (ii) debt, mezzanine, or other financing; (iii) equity investments, capital contributions, distributions, or dividends; (iv) withdrawal of cash from bank accounts; and (v) expenditure of funds of greater than \$100,000.00 for a single or related series of transactions.

This Consent may be executed in multiple counterparts, each of which will be deemed an original, and all of which together will constitute one and the same instrument. Each such counterpart of this Consent may be transmitted by email, facsimile, or other similar electronic means and executed by one or more of the undersigned. A facsimile or .pdf of the signature of one or more of the undersigned will be deemed an original signature and have the same force and effect as a manually signed signature.

An executed copy of this Consent, including multiple counterparts, shall be filed with the minutes of the proceedings of the sole Managing Member.

[SIGNATURE PAGE FOLLOWS]

IN WITNESS WHEREOF, the undersigned sole Managing Member has duly executed this Consent to be effective as of the date first written above.

SOLE MANAGING MEMBER:

Dharma Rajah

Dharmarajah Harikumar Rajah
Managing Member

**APPOINTMENT ACCEPTED
AND AGREED:**



STEVEN TINNIN

WARRANTY DEED

STATE OF TEXAS §
 §
 COUNTY OF WALLER §

University Oaks Investors LP, a Delaware limited partnership, hereinafter referred to as “**Grantor**,” whose address is 3040 Post Oak Blvd., Suite 1212, Houston, Texas 77056, for TEN AND NO/100THS DOLLARS (\$10.00) and other good and valuable consideration paid to Grantor by Grantee, the receipt and sufficiency of which is hereby acknowledged, has GRANTED and CONVEYED, and by these presents does GRANT AND CONVEY to PVTPFL, LLC, a Delaware limited liability company, hereinafter referred to as “**Grantee**,” whose address is 3040 Post Oak Blvd., Suite 1212, Houston, Texas 77056, all of the following described real property situated in Waller County, Texas, to wit:

BEING a 4.000 acre tract of land situated in the Jesse Clary Survey, Abstract No. 111 of Waller County, Texas and being a portion of a called 154.280 acre tract of land described as Tract II in an instrument to University Oaks, LLC recorded under File Number (F.N.) 2405510 of the Official Public Records of Waller County (O.P.R.W.C.), said 4.000 acre tract of land described by metes and bounds as follows, with all bearings based on the Texas Coordinate System of 1983 (NAD83), South Central Zone 4204:

COMMENCING at a 5/8-inch iron rod with cap stamped “LJA SURVEY” found for the Southwest corner of said 154.280 acre tract and the Northwest corner of a called 1388 acre tract of land as described in an instrument to R B Hubbard Governor of the State of Texas and his Successors in Office recorded under Volume (Vol.) 3, Page (Pg.) 496 of the Waller County Deed Records (W.C.D.R.), lying on the East line of a called 0.83 acre tract of land as described in an instrument to Osborne Clark, Jr recorded under F.N. 125027 of the O.P.R.W.C., from which a found 5/8-inch iron rod with cap stamped “LJA SURVEY” found for the Northeast corner of said 0.83 acre tract and the Southeast corner of a called 7.224 acre tract of land described as Tract I in an instrument to University Oaks, LLC recorded under F.N. 2405510 of the O.P.R.W.C. bears North 02°15’49” West, a distance of 112.58 feet;

Thence, North 88°34’39” East, along and with the South line of said 154.280 acre tract and the North line of said 1388 acre tract, a distance of 20.18 feet to the **POINT OF BEGINNING** and the Southwest corner of the herein described tract;

Thence, over and across said 154.280 acre tract, the following courses and distances:

North 02°21’18” West, a distance of 449.48 feet to the Northwest corner of the herein described tract;

North 88°34’39” East, a distance of 391.36 feet to the Northeast corner of the herein described tract;

South 01°25’21” East, a distance of 449.42 feet to the Southeast corner of the herein described tract, lying on the South line of said 154.280 acre tract and the North line of said 1388 acre tract;

Thence, South 88°34'39" West, along and with the South line of said 154.280 acre tract and the North line of said 1388 acre tract, a distance of 384.04 feet to the **POINT OF BEGINNING** and containing 4.000 acres of land.

This conveyance is made and accepted subject to the following matters, to the extent the same are in force and effect:

any and all restrictions, covenants, conditions, exceptions, reservations, easements, rights-of-way, conflicts, encroachments, area and boundary discrepancies, taxes, liens, assessments, charges, claims, and encumbrances, if any, applicable to and enforceable against the above described property as shown by the records of the county clerk of said county and all zoning laws, regulations, and ordinances of municipal and/or other governmental agencies and authorities relating to the above described property.

TO HAVE AND TO HOLD the above-described real property, together with all and singular the rights and appurtenances thereto in any wise belonging, unto the above-named Grantee and Grantee's successors and assigns forever. Grantor does bind Grantor and Grantor's successors and assigns to **WARRANT AND FOREVER DEFEND**, all and singular, the said property to Grantee and Grantee's successors and assigns, against every person whomsoever, lawfully claiming or to claim the same, or any part thereof, except as to the reservations from conveyance and exceptions to conveyance and warranty, by, through, or under Grantor, but not otherwise.

GRANTEE, BY ACCEPTANCE OF THIS WARRANTY DEED, ACKNOWLEDGES THAT IT HAS INSPECTED THE PROPERTY AND HAS SATISFIED ITSELF AS TO THE CONDITION OF SAME AND THAT IT ACCEPTS SUCH PROPERTY "AS IS" AND "WHERE IS" AND WITH ALL FAULTS, WITHOUT REPRESENTATIONS OR WARRANTY OF ANY KIND, EXPRESSED, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING SPECIFICALLY, WITHOUT LIMITATION, ANY IMPLIED WARRANTY AS TO HABITABILITY, SUITABILITY, MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, SAVE AND EXCEPT THE WARRANTIES OF TITLE CONTAINED HEREIN.

[Remainder of Page Intentionally Left Blank]

Dated this 10 day of January, 2025.

GRANTOR:
UNIVERSITY OAKS INVESTORS LP,
a Delaware limited partnership

By: University Oaks JV LLC
a Delaware limited liability company
its general partner

By: Epitome Development LLC
a Texas limited liability company
its manager

By: 
Dharmarajah Harikumar Rajah
Managing Member

Acknowledged and Accepted:

GRANTEE:
PVTPFL, LLC,
a Delaware limited liability company

By: University Oaks JV LLC
a Delaware limited liability company
its general partner

By: Epitome Development LLC
a Texas limited liability company
its manager

By: 
Dharmarajah Harikumar Rajah
Managing Member

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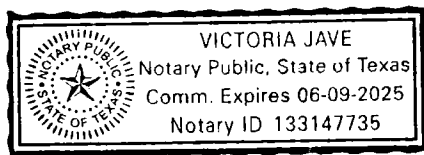
STATE OF TEXAS

§
§
§COUNTY OF Harris

Before me, Victoria Jave, on this day personally appeared Dharmarajah Harikumar Rajah, the managing member of Epitome Development LLC, the manager of University Oaks JV LLC, the general partner of University Oaks Investors LP, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, on behalf of said entities.

Given under my hand and seal of office, this 10 day of January 2025.

(Seal)



Victoria Jave
Notary Public, State of Texas
My Commission expires: 6-9-2025

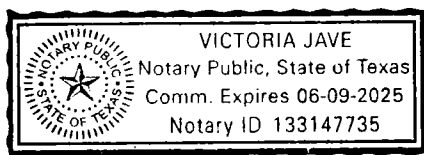
STATE OF TEXAS

§
§
§COUNTY OF Harris

Before me, Victoria Jave, on this day personally appeared Dharmarajah Harikumar Rajah, the managing member of Epitome Development LLC, the manager of University Oaks JV LLC, the manager of University Oaks LLC, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same for the purposes and consideration therein expressed, on behalf of said entities.

Given under my hand and seal of office, this 10 day of January 2025.

(Seal)



Victoria Jave
Notary Public, State of Texas
My Commission expires: 6-9-2025

AFTER RECORDING RETURN TO:
PVTPFL, LLC
3040 Post Oak Blvd., Suite 1212
Houston, Texas 77056

FILED AND RECORDED

Instrument Number: 2500446

Filing and Recording Date: 01/13/2025 02:54:29 PM Pages: 5 Recording Fee: \$27.00

I hereby certify that this instrument was FILED on the date and time stamped hereon by me and was duly RECORDED in the OFFICIAL PUBLIC RECORDS of Waller County,



A handwritten signature in black ink, reading "Debbie Hollan".

Debbie Hollan, County Clerk
Waller County, Texas

ANY PROVISION CONTAINED IN ANY DOCUMENT WHICH RESTRICTS THE SALE, RENTAL, OR USE OF THE REAL PROPERTY DESCRIBED THEREIN BECAUSE OF RACE OR COLOR IS INVALID UNDER FEDERAL LAW AND IS UNENFORCEABLE.

CSC, Deputy

Returned To:
ROBERTS MARKEL WEINBERG BUTLER HAILEY
2800 POST OAK BLVD FL 57
HOUSTON, TX 77056

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO PROPUESTO NO. WQ00

SOLICITUD. PVTPFL, LLC, 1333 West Loop South, Suite 860, Houston, Texas 77027, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016816001 (EPA I.D. No. TX0147893) 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 980,000 galones por día. La planta estará ubicada aproximadamente 350 pies al norte de la intersección de Farm-to-Market Road 1098 y Wyatt Chapel Road, en la ciudad de Prairie View, en el Condado de Waller, Texas 77445. La ruta de descarga estará del sitio de la planta a una zanja, de allí a través del alcantarillado pluvial hasta Pond Creek, de allí a Clear Creek y de allí al río Brazos debajo del río Navasota. La TCEQ recibió esta solicitud el 22 de mayo de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Waller County Library – Hempstead Branch, 2331 11th Street, Hempstead, en el condado de Waller antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web:

<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.99782,30.103083&level=18>

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

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de

completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre

los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional del LJA Engineering, Inc. a la dirección indicada arriba o llamando a Mrs. Ashley Broughton, P.E. al (713) 380-4431.

Fecha de emisión: *[Date notice issued]*

WASTEWATER TREATMENT PLANT

PERMIT APPLICATION

FOR

UNIVERSITY OAKS WWTP

WALLER COUNTY, TEXAS

LJA Job No. 4238-1006
May 2025

Prepared By:
LJA Engineering, Inc.
3600 W Sam Houston Parkway S, Suite 600
Houston, TX 77042
(713) 953-5200
FRN F-1386



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: PVTPFL, LLC

PERMIT NUMBER (If new, leave blank): WQ00 [Click to enter text.](#)

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

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

For TCEQ Use Only

Segment Number _____ County _____
Expiration Date _____ Region _____
Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: [Click to enter text.](#)
Check/Money Order Amount: [Click to enter text.](#)
Name Printed on Check: [Click to enter text.](#)
EPAY Voucher Number: 765685 & 765686
Copy of Payment Voucher enclosed? Yes ☒

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: [Click to enter text.](#)

f. **For existing permits:**

Permit Number: WQ00 [Click to enter text.](#)

EPA I.D. (TPDES only): TX [Click to enter text.](#)

Expiration Date: [Click to enter text.](#)

Section 3. Facility Owner (Applicant) and Co-Applcant 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?

PVTPFL, 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 <http://www15.tceq.texas.gov/crpub/>

CN: [Click to enter text.](#)

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: [Click to enter text.](#)

Last Name, First Name: Tinnin, Steven

Title: Authorized Representative

Credential: [Click to enter text.](#)

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

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

[Click to enter text.](#)

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

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

CN: Click to enter text.

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: Click to enter text.

Last Name, First Name: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click to enter text.

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. See attachment 1

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Ms.

Last Name, First Name: Broughton, Ashley

Title: Senior Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 3600 W Sam Houston Pkwy S

City, State, Zip Code: Houston, TX, 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr.

Last Name, First Name: Canfield, Ryan

Title: Graduate Engineer

Credential: Click to enter text.

Organization Name: LJA Engineering, Inc.

Mailing Address: 3600 W Sam Houston Pkwy S

City, State, Zip Code: Houston, TX, 77042

Phone No.: 713-335-1334

E-mail Address: rcanfield@lja.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Ms.

Last Name, First Name: Broughton, Ashley

Title: Senior Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 3600 W Sam Houston Pkwy S

City, State, Zip Code: Houston, TX, 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

B. Prefix: Ms. Last Name, First Name: Gillentine, Margaret
Title: Senior Project Manager Credential: P.E.
Organization Name: LJA Engineering, Inc.
Mailing Address: 3600 W Sam Houston Pkwy S City, State, Zip Code: Houston, TX, 77042
Phone No.: 713-953-5100 E-mail Address: mgillentine@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: Mr. Last Name, First Name: Tinnin, Steven
Title: Authorized Representative Credential: Click to enter text.
Organization Name: PVTPFL, LLC
Mailing Address: 1333 West Loop South, Suite 860 City, State, Zip Code: Houston, TX 77027
Phone No.: 713-598-3821 E-mail Address: steven@epitome.dev

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

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

Prefix: Mr. Last Name, First Name: Tinnin, Steven
Title: Authorized Representative Credential: Click to enter text.
Organization Name: PVTPFL, LLC
Mailing Address: 1333 West Loop South, Suite 860 City, State, Zip Code: Houston, TX 77027
Phone No.: 713-598-3821 E-mail Address: steven@epitome.dev

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Canfield, Ryan
Title: Graduate Engineer Credential: Click to enter text.
Organization Name: LJA Engineering, Inc.
Mailing Address: 3600 W Sam Houston Pkwy S City, State, Zip Code: Houston, TX, 77042
Phone No.: 713-335-1334 E-mail Address: rcanfield@lja.com

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

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

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Ms.

Last Name, First Name: Broughton, Ashley

Title: Senior Project Manager

Credential: P.E.

Organization Name: LJA Engineering, Inc.

Mailing Address: 3600 W Sam Houston Pkwy S

City, State, Zip Code: Houston, TX, 77042

Phone No.: 713-380-4431

E-mail Address: abroughton@lja.com

D. Public Viewing Information

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

Public building name: Waller County Library-Hempstead Branch

Location within the building: Reference Desk

Physical Address of Building: 2331 11th St. Hempstead, TX 77445

City: Hempstead

County: Waller

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

Phone No.: 979-826-7658 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

☒ Yes

☐ No

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

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

☐ Yes

☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

5. If the answer is **yes** to **question 1, 2, 3, or 4**, public notices in an alternative language are required. Which language is required by the bilingual program? [Click to enter text.](#)

F. Plain Language Summary Template

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

Attachment: [See 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: [See 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 [Click to enter text.](#)

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

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

University Oaks WWTP

C. Owner of treatment facility: PVTPFL, LLC

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

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

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: PVTPFL, LLC

Mailing Address: 1333 West Loop South, Suite 860 City, State, Zip Code: Houston, TX, 77027

Phone No.: 713-598-3821

E-mail Address: steven@epitome.dev

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

Attachment: [Click to enter text.](#)

E. Owner of effluent disposal site:

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

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

Prefix: [Click to enter text.](#)

Last Name, First Name: [Click to enter text.](#)

Title: [Click to enter text.](#)

Credential: [Click to enter text.](#)

Organization Name: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, Zip Code: [Click to enter text.](#)

Phone No.: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

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 500 feet northwest of the intersection between FM 1098 and Wyatt Chapel Road.

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:

Effluent will discharge to a ditch thence through storm sewer directly south to Ponds Creek Segment 1202P.

City nearest the outfall(s): Prairie View

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

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: [Click to enter text.](#)

- 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: [Click to enter text.](#)

Section 11. TLAP Disposal Information (Instructions Page 32)

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

- ☐ Yes ☐ No

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

[Click to enter text.](#)

- B. City nearest the disposal site: [Click to enter text.](#)

- C. County in which the disposal site is located: [Click to enter text.](#)

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

[Click to enter text.](#)

- E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: [Click to enter text.](#)

Section 12. Miscellaneous Information (Instructions Page 32)

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

- ☐ Yes ☒ No

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

- ☐ Yes ☐ No ☐ Not Applicable

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

[Click to enter text.](#)

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: [Click to enter text.](#)

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify: [Click to enter text.](#)

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: [Click to enter text.](#)

Applicant: PVTPFL, 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): Tinnin, Steven

Signatory title: Authorized Representative

Signature: _____

(Use blue ink)

Date: _____

4/10/25

Subscribed and Sworn to before me by the said Steven Tinnin

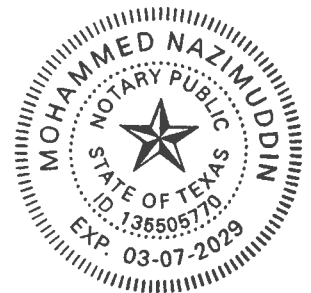
on this 10th day of April, 20 25.

My commission expires on the 7th day of March, 20 29.

M. Jim

Notary Public

[SEAL]



Harris, Texas

County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:

- ☒ The applicant's property boundaries
- ☒ The facility site boundaries within the applicant's property boundaries
- ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
- ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
- ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
- ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
- ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
- ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
- ☐ The property boundaries of all landowners surrounding the effluent disposal site
- ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
- ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located

B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.

C. Indicate by a check mark in which format the landowners list is submitted:

- ☐ USB Drive ☒ Four sets of labels

D. Provide the source of the landowners' names and mailing addresses: [Click to enter text.](#)

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

- ☐ Yes ☒ No

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

- ☒ Ownership
- ☐ Restrictive easement
- ☐ Nuisance odor control
- ☐ Variance

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

- ☐ Yes
- ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: See attachment 8

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do Not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP **Waste Permit No:** [Click to enter text.](#)

1. Check or Money Order Number: [Click to enter text.](#)
2. Check or Money Order Amount: [Click to enter text.](#)
3. Date of Check or Money Order: [Click to enter text.](#)
4. Name on Check or Money Order: [Click to enter text.](#)
5. APPLICATION INFORMATION

Name of Project or Site: [Click to enter text.](#)

Physical Address of Project or Site: [Click to enter text.](#)

If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

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

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

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

Mailing Address: [Click to enter text.](#)

City, State, and Zip Code: [Click to enter text.](#)

Phone Number: [Click to enter text.](#) Fax Number: [Click to enter text.](#)

E-mail Address: [Click to enter text.](#)

CN: [Click to enter text.](#)

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

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

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

Plain Language Summary ☒ Yes



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): 0.125

2-Hr Peak Flow (MGD): 0.50

Estimated construction start date: July 2026

Estimated waste disposal start date: 2027

B. Interim II Phase

Design Flow (MGD): 0.25

2-Hr Peak Flow (MGD): 1.0

Estimated construction start date: November 2027

Estimated waste disposal start date: 2028

C. Final Phase

Design Flow (MGD): 0.98

2-Hr Peak Flow (MGD): 3.92

Estimated construction start date: December 2028

Estimated waste disposal start date: 2029

D. Current Operating Phase

Provide the startup date of the facility: 2026

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

See attachment 9

B. Treatment Units

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

Table 1.0(1) - Treatment Units

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

C. Process Flow Diagram

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

Attachment: See attachment 11

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

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

- Latitude: 30° 6' 11.73" N, 95° 59' 50.51" W
- Longitude: Click to enter text.

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

- Latitude: Click to enter text.
- Longitude: Click to enter text.

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

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

Attachment: See attachment 12

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

The WWTP will provide service to the University Oaks Development.

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
University Oaks WWTP Collection System	City of Prairie View	Publicly Owned	Conn X 3.5
		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.

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

[Click to enter text.](#)

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: [Click to enter text.](#)

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.**

[Click to enter text.](#)

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 is met by ownership.

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*.

Click to enter text.

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.

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

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.

Click to enter text.

E. Stormwater management

1. Applicability

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. MSGP coverage

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. Conditional exclusion

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

☐ Yes ☐ No

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

Click to enter text.

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.

Click to enter text.

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.

Click to enter text.

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.

[Click to enter text.](#)

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.

[Click to enter text.](#)

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

[Click to enter text.](#)

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If **yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click to enter text.

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.

Click to enter text.

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

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
<i>E.coli</i> (CFU/100ml) freshwater					
Enterococci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, μ mohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

*TPDES permits only

†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: TBDFacility Operator's License Classification and Level: Click to enter text.Facility Operator's License Number: Click to enter text.

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Biosolids Management

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

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Handler or Preparer	Bulk		Class B: PSRP Aerobic Digestion	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If “Other” is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Transported to another permitted wastewater treatment plant or permitted sludge processing facility.

D. Disposal site

Disposal site name: TBD

TCEQ permit or registration number: Click to enter text.

County where disposal site is located: Click to enter text.

E. Transportation method

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

Name of the hauler: TBD

Hauler registration number: Click to enter text.

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:
Attachment: [Click to enter text.](#)
- USDA Natural Resources Conservation Service Soil Map:
Attachment: [Click to enter text.](#)
- Federal Emergency Management Map:
Attachment: [Click to enter text.](#)
- Site map:
Attachment: [Click to enter text.](#)

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

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

- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: [Click to enter text.](#)

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

[Click to enter text.](#)

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: [Click to enter text.](#)

Total Kjeldahl Nitrogen, mg/kg: [Click to enter text.](#)

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: [Click to enter text.](#)

Phosphorus, mg/kg: [Click to enter text.](#)

Potassium, mg/kg: [Click to enter text.](#)

pH, standard units: [Click to enter text.](#)

Ammonia Nitrogen mg/kg: [Click to enter text.](#)

Arsenic: [Click to enter text.](#)

Cadmium: [Click to enter text.](#)

Chromium: [Click to enter text.](#)

Copper: [Click to enter text.](#)

Lead: [Click to enter text.](#)

Mercury: [Click to enter text.](#)

Molybdenum: [Click to enter text.](#)

Nickel: [Click to enter text.](#)

Selenium: [Click to enter text.](#)

Zinc: [Click to enter text.](#)

Total PCBs: [Click to enter text.](#)

Provide the following information:

Volume and frequency of sludge to the lagoon(s): [Click to enter text.](#)

Total dry tons stored in the lagoons(s) per 365-day period: [Click to enter text.](#)

Total dry tons stored in the lagoons(s) over the life of the unit: [Click to enter text.](#)

C. Liner information

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

☐ Yes ☐ No

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

[Click to enter text.](#)

D. Site development plan

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

[Click to enter text.](#)

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
Attachment: [Click to enter text.](#)
- Copy of the closure plan
Attachment: [Click to enter text.](#)
- Copy of deed recordation for the site
Attachment: [Click to enter text.](#)
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
Attachment: [Click to enter text.](#)
- Description of the method of controlling infiltration of groundwater and surface water from entering the site
Attachment: [Click to enter text.](#)
- Procedures to prevent the occurrence of nuisance conditions
Attachment: [Click to enter text.](#)

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: [Click to enter text.](#)

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 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:

Click to enter text.

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:

Click to enter text.

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: [Click to enter text.](#)

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Click to enter text.

Title: Click to enter text.

Signature: _____

Date: _____

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.

The proposed WWTP is needed for a proposed residential development. The proposed flows of 0.125 MGD, 0.25 MGD, and 0.98 MGD were derived, and calculated from the developer's projections and the engineers expected growth rate. Additional phases will be added through minor amendments. See attachment 20 for the projected development flows.

B. Regionalization of facilities

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

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

1. Municipally incorporated areas

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

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

☐ Yes ☐ No ☒ Not Applicable

If yes, within the city limits of: [Click to enter text.](#)

If yes, attach correspondence from the city.

Attachment: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

2. Utility CCN areas

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

☐ Yes ☒ No

¹ <https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater>

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

Attachment: [Click to enter text.](#)

3. *Nearby WWTPs or collection systems*

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

☒ Yes ☐ No

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

Attachment: [See attachment 13](#)

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: [See attachment 14](#)

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: [Click to enter text.](#)

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): [Click to enter text.](#)

Average Influent Organic Strength or BOD₅ Concentration in mg/l: [Click to enter text.](#)

Average Influent Loading (lbs/day = total average flow X average BOD₅ conc. X 8.34): [Click to enter text.](#)

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

[Click to enter text.](#)

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD ₅ Concentration (mg/l)
Municipality		
Subdivision	0.125 MGD (Phase 1) 0.25 MGD (Phase 2) 0.98 MGD (Ultimate)	325
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.125 MGD (Phase 1) 0.25 MGD (Phase 2) 0.98 MGD (Ultimate)	
AVERAGE BOD ₅ from all sources		325

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

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: [Click to enter text.](#)

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: [Click to enter text.](#)

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: [Click to enter text.](#)

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1-4 mg/l after 20 minutes detention time at peak flow

Dechlorination process: [Click to enter text.](#)

☐ Ultraviolet Light: [Click to enter text.](#) seconds contact time at peak flow

☐ Other: [Click to enter text.](#)

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: [See attachment 15](#)

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

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

☒ Yes ☐ No

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

[Click to enter text.](#)

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

See attachment 16

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If **yes**, provide the permit number: [Click to enter text.](#)

If **no**, provide the approximate date you anticipate submitting your application to the Corps: [Click to enter text.](#)

B. Wind rose

Attach a wind rose: [See attachment 17](#)

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)**: [Click to enter text.](#)

B. Sludge processing authorization

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

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

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

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 61)

Attach a solids management plan to the application.

Attachment: See attachment 18

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

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

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

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: [Click to enter text.](#)

Distance and direction to the intake: [Click to enter text.](#)

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

Attachment: [Click to enter text.](#)

Section 2. Discharge into Tidally Affected Waters (Instructions Page 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: [Click to enter text.](#)

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☒ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 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: Ditch

A. Receiving water type

Identify the appropriate description of the receiving waters.

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

Surface area, in acres: [Click to enter text.](#)

Average depth of the entire water body, in feet: [Click to enter text.](#)

Average depth of water body within a 500-foot radius of discharge point, in feet:
[Click to enter text.](#)

- ☒ Man-made Channel or Ditch
- ☐ Open Bay
- ☐ Tidal Stream, Bayou, or Marsh
- ☐ Other, specify: [Click to enter text.](#)

B. Flow characteristics

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

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

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

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

C. Downstream perennial confluences

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

None

D. Downstream characteristics

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

☐ Yes ☒ No

If yes, discuss how.

[Click to enter text.](#)

E. Normal dry weather characteristics

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

Stream was slightly wet due to rainstorm the day previous.

Date and time of observation: 4/25/2025, 11:30 AM

Was the water body influenced by stormwater runoff during observations?

☒ Yes ☐ No

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

A. Upstream influences

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

☐ Oil field activities

☐ Urban runoff

☐ Upstream discharges

☐ Agricultural runoff

☐ Septic tanks

☐ Other(s), specify: [Click to enter text.](#)

B. Waterbody uses

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

- | | |
|--|--|
| <input type="checkbox"/> Livestock watering | <input type="checkbox"/> Contact recreation |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation |
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply |
| <input type="checkbox"/> Park activities | <input type="checkbox"/> Other(s), specify: Click to enter text. |

C. Waterbody aesthetics

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

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

Attachment 1 – Core Data Form



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		2/14/2025	
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership					
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <i>If new Customer, enter previous Customer below:</i>					
PVTPL, LLC					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
0805862643		32098386660			
11. Type of Customer:		<input checked="" type="checkbox"/> Corporation <input type="checkbox"/> Individual		Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited	
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other		<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:	
12. Number of Employees				13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
<input checked="" type="checkbox"/> Owner <input type="checkbox"/> Operator <input type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:					
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:	1333 West Loop South				
	Suite 860				
	City	Houston	State	TX	ZIP 77027 ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				steven@epitome.dev	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	

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

University Oaks Wastewater Treatment Plant

23. Street Address of the Regulated Entity:

(No PO Boxes)

City

State

ZIP

ZIP + 4

24. County

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

25. Description to**Physical Location:**

Approximately 500 feet northwest of the intersection between FM 1098 and Wyatt Chapel Road.

26. Nearest City**State****Nearest ZIP Code**

Prairie View

TX

77445

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

27. Latitude (N) In Decimal:

30.103083

28. Longitude (W) In Decimal:

95.997828

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

30°

6'

11.10"

95°

59'

52.18"

29. Primary SIC Code**30. Secondary SIC Code****31. Primary NAICS Code****32. Secondary NAICS Code**

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

6552

221320

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

Wastewater Treatment Facility

34. Mailing

1333 West Loop South

Suite 860

Address:

City

Houston

State

TX

ZIP

77027

ZIP + 4

35. E-Mail Address:

steven@epitome.dev

36. Telephone Number**37. Extension or Code****38. Fax Number** (if applicable)

(713) 598-3821

() -

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


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

SECTION IV: Preparer Information

40. Name:	Ryan Canfield	41. Title:	Graduate Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(713) 335-1334		() -	rcanfield@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:	PVTPFL, LLC	Job Title:	Authorized Representative
Name (In Print):	Steven Tinnin	Phone:	(713) 598- 3821
Signature:		Date:	4/16/25

Attachment 2 – Plain Language Summary



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

Plain Language Summary Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

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

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

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

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

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

PVTPFL, LLC (2. Enter Customer Number here (i.e., CN6#####)) proposes to operate University Oaks Wastewater Treatment Facility (5. Enter Regulated Entity Number here (i.e., RN1#####)), a wastewater treatment facility. The facility will be located at approximately 500 feet northwest from the intersection of FM 1098 & Wyatt Chapel Road, in the city of Prairie View, Waller County, Texas 77316. New application to discharge 125,000 gallons per day of treated domestic wastewater in phase 1, 250,000 gallons per day of treated domestic wastewater in phase 2, and 980,000 gallons per day of treated domestic wastewater in its ultimate phase.

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

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.

PVTPFL, LLC (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar University Oaks Wastewater Treatment Facility 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), un instalación de tratamiento de aguas residuales. La instalación está ubicada en aproximadamente a 3,115 pies al noroeste de la intersección de FM 1486 y Crown Ranch Blvd., en ciudad de Montgomery, Condado de Montgomery, Texas 77316. Nueva solicitud para descargar 125,000 galones diarios de aguas residuales domesticas tratadas en fase y 250,000 galones diarios de aguas residuales domesticas tratadas en fase 2 y 980,000 galones diarios de aguas residuales domesticas tratadas en su fase final.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso de cinco días (CBOD5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli.. Aguas residuales domesticas. estará tratado por un proceso de lodos activados para todas las fases.

Attachment 3 – Public Involvement Plan Form (PIPF)



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

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

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

Section 2. Secondary Screening

- ☒ Requires public notice,
☒ Considered to have significant public interest, **and**
☒ Located within any of the following geographical locations:

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

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

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

Section 3. Application Information

Type of Application (check all that apply):

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

Water Quality

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

Water Rights New Permit

- ☐ New Appropriation of Water
☐ New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Construction of a wastewater treatment facility for future residential development.

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.

Prairie View

(City)

Waller

(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

86.7%

(b) Per capita income for population near the specified location

\$71,643

(c) Percent of minority population and percent of population by race within the specified location

White - 40.5%; Black or African American - 24.7%; Hispanic - 22.92%; Multiracial - 8.47%; Asian - 1.53%; American Indian & Alaska Native - 1.31%

(d) Percent of Linguistically Isolated Households by language within the specified location

English - 76.5%; Spanish - 21.7%, Other Indo-European Languages - 0.7%; Asian and Pacific Islander Languages - 0.7%; Other Languages - 0.4%

(e) Languages commonly spoken in area by percentage

English - 76.5%; Spanish - 21.7%, Other Indo-European Languages - 0.7%; Asian and Pacific Islander Languages - 0.7%; Other Languages - 0.4%

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

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

☒ Yes ☐ No

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

☐ Yes ☒ No

If Yes, please describe.

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

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

☐ Yes ☐ No

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

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

- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

- ☐ TCEQ Regional Office ☐ TCEQ Central Office
- ☐ Public Place (specify)

Section 7. Voluntary Submittal

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

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

☒ Yes ☐ No

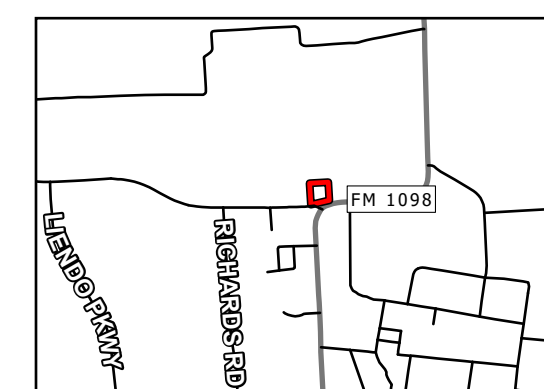
What types of notice will be provided?

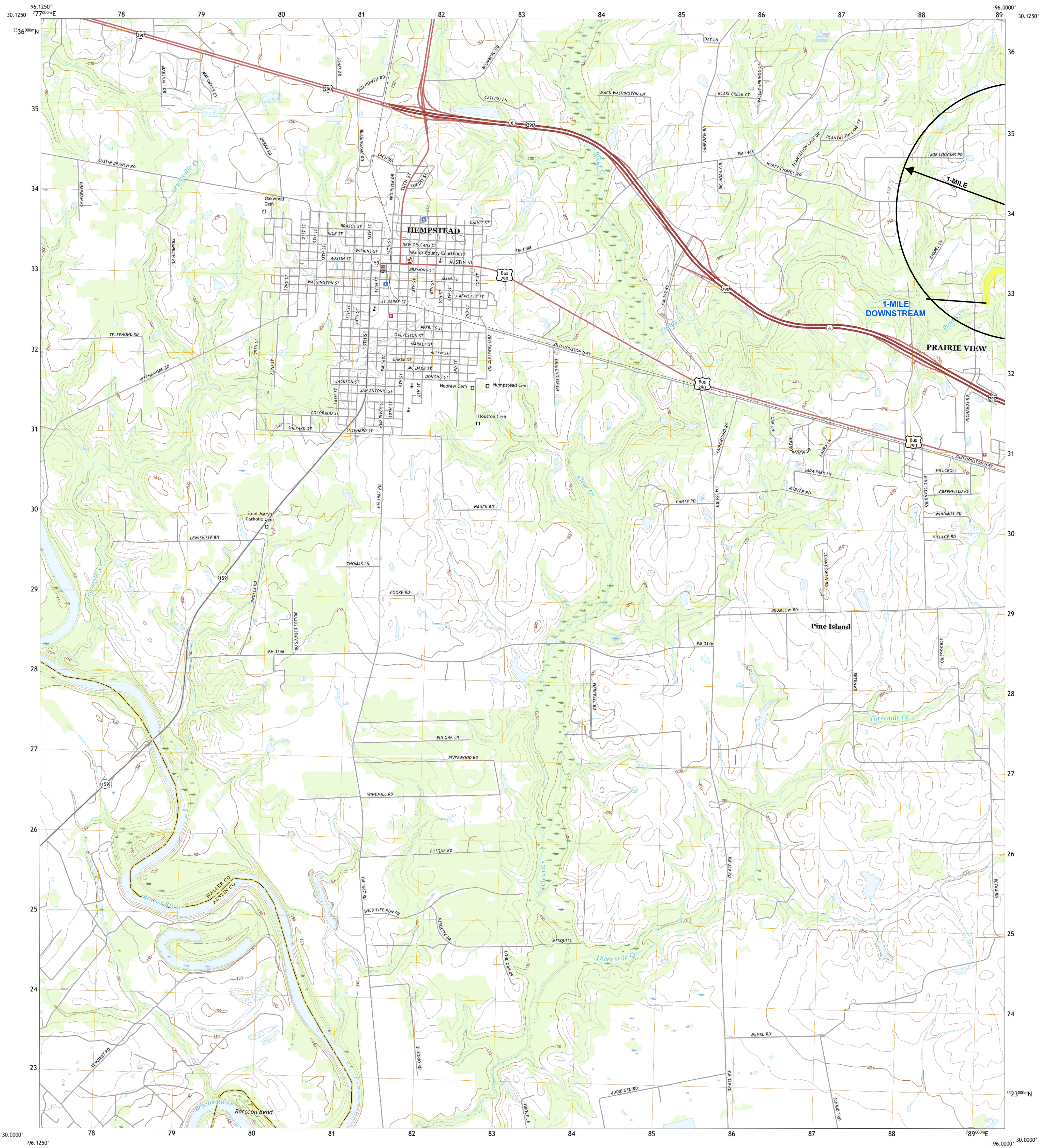
- ☒ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)

Attachment 4 – USGS Map



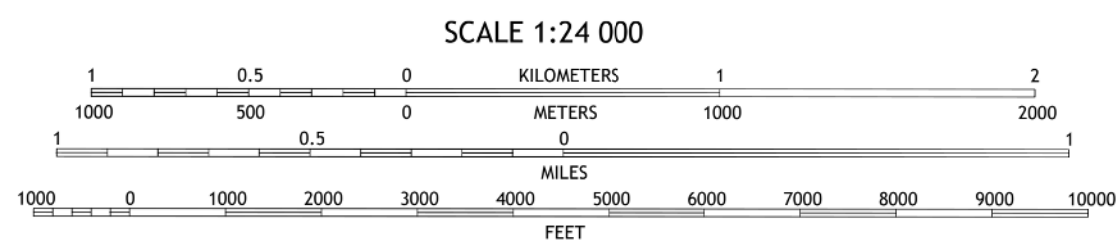
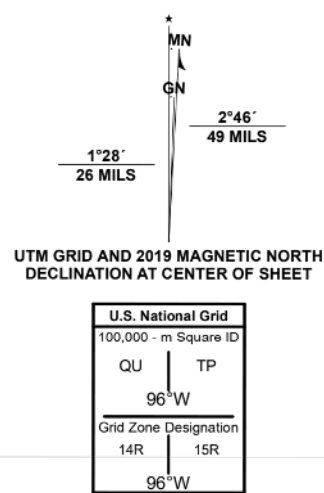
JOB NO: 4238-1006





Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid/Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

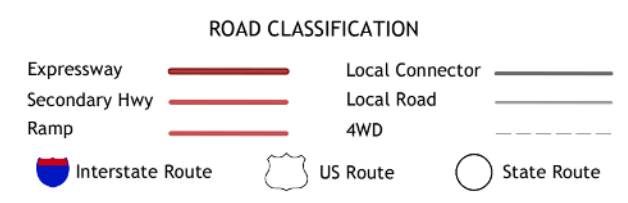
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Roads.....U.S. Census Bureau, 2015
Names.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2004
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



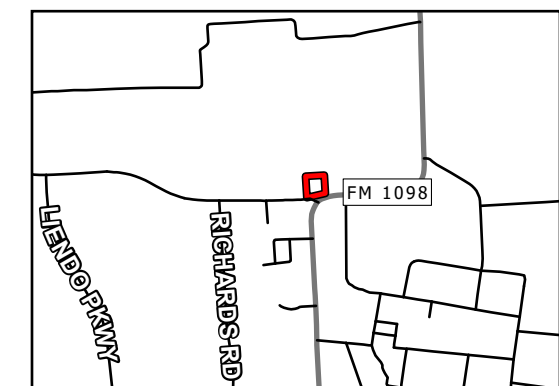
1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Daniels
2 Howth
3 Waller NW
4 Bushhorn
5 Waller
6 Burleigh
7 Sunny Side
8 Hockley Mound



HEMPSTEAD, TX
2022

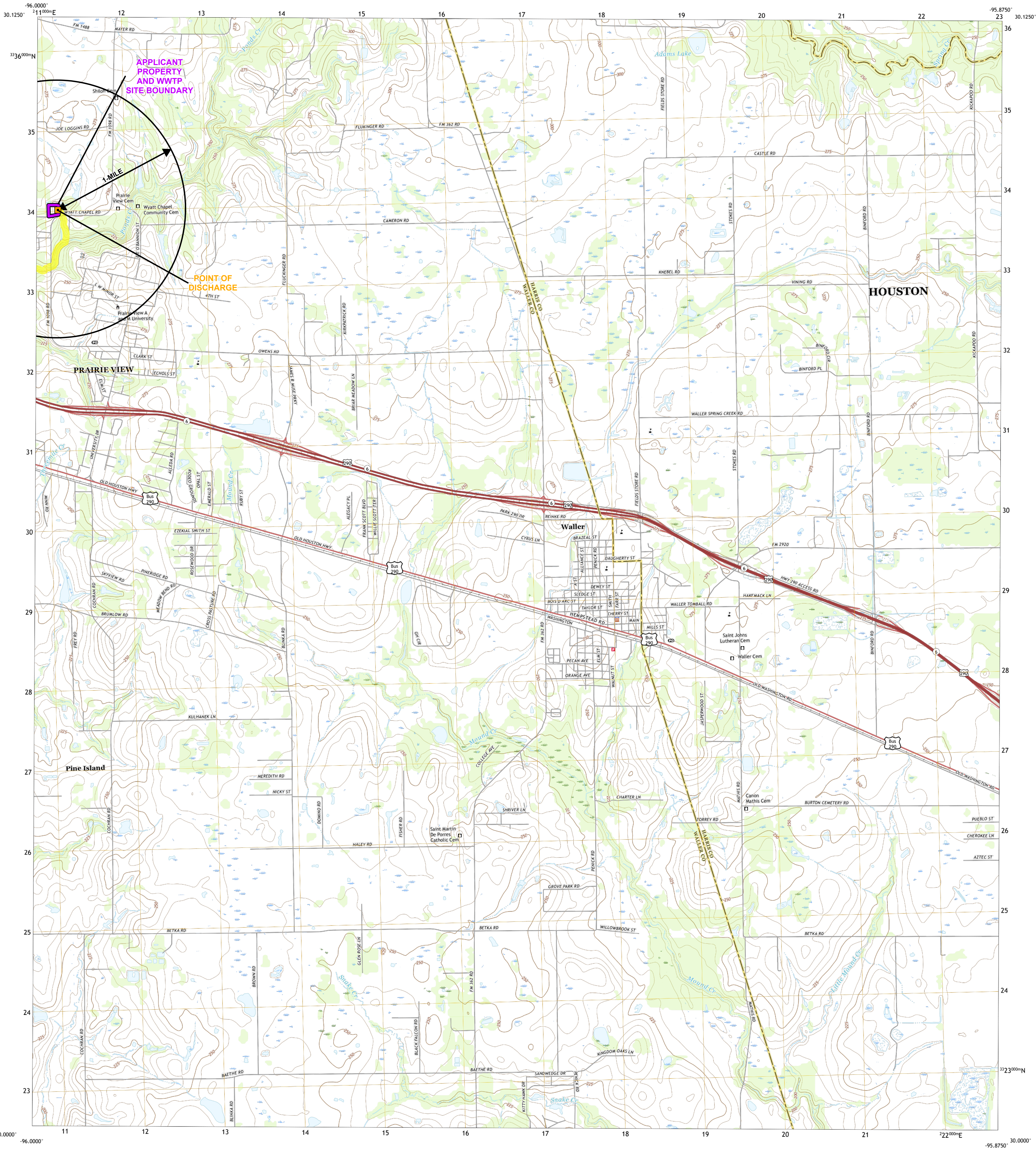


ATTACHMENT 7

UNIVERSITY OAKS
WWTP DISCHARGE PERMIT (1-MILE)
USGS TOPOGRAPHIC MAP

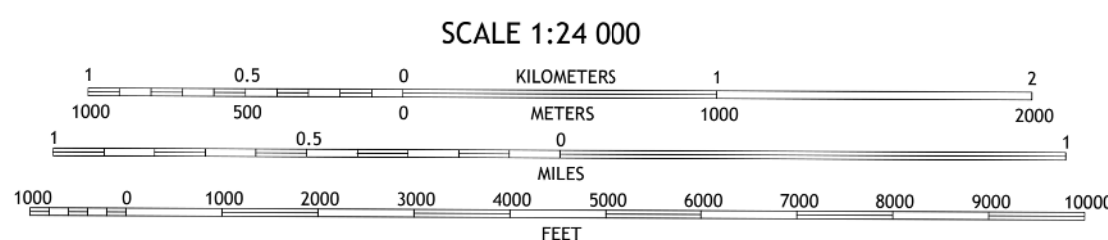
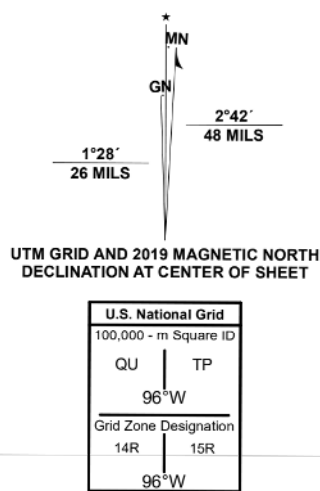
LJA 3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com

JUNE 2024 JOB NO: 4238-1006



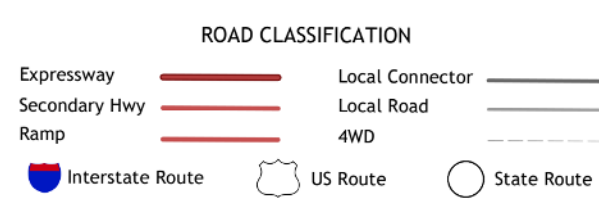
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North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
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This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

Imagery.....NAIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2019
Names.....GN5, 2008 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available

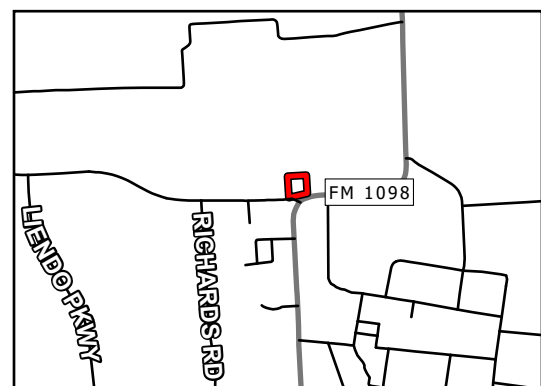


1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES



WALLER, TX
2022



NSN 764 300 102 987 89
NGA REF NO. USGS X24K47323

ATTACHMENT 2

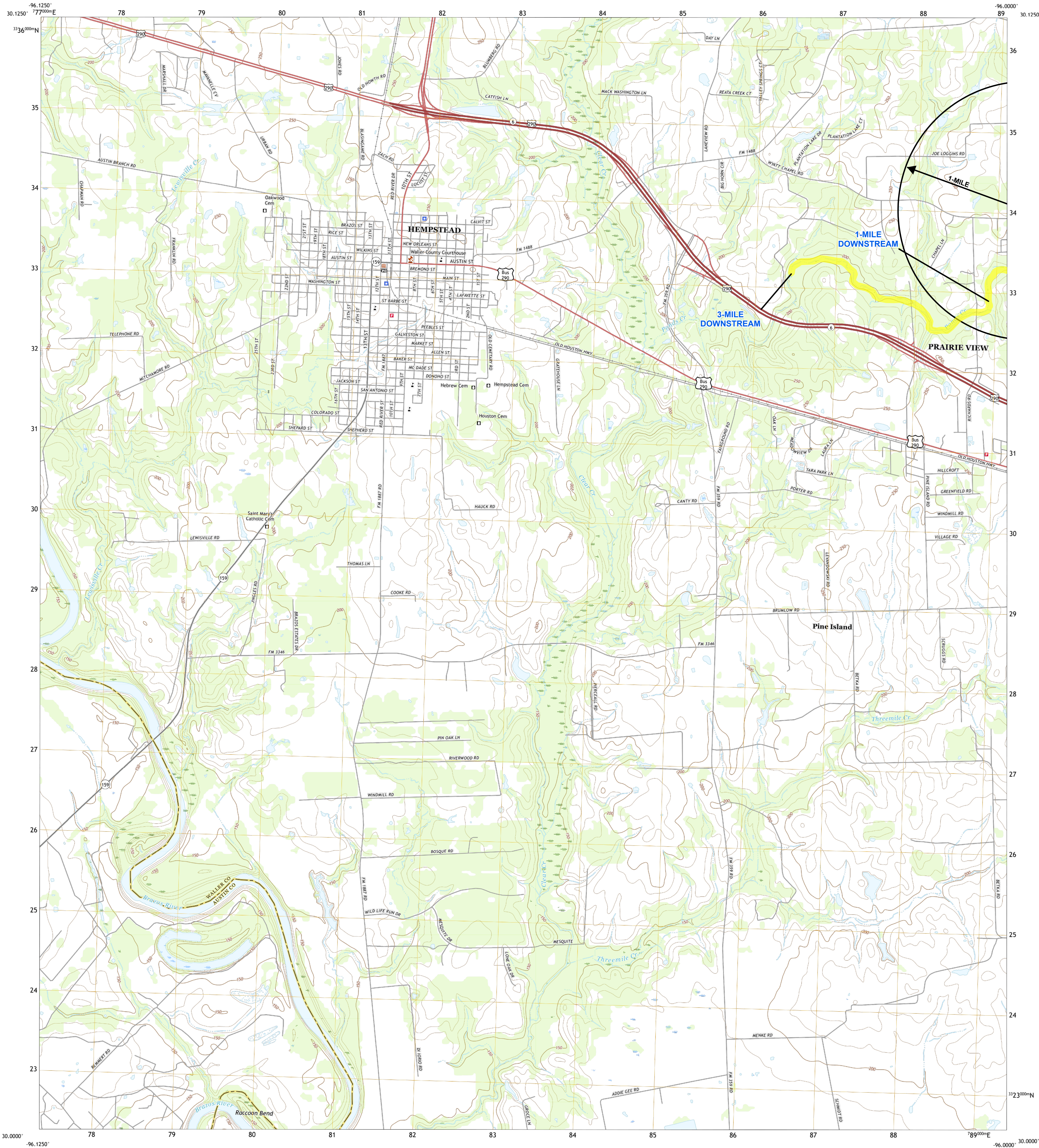
UNIVERSITY OAKS
WWTP DISCHARGE PERMIT (3-MILE)
USGS TOPOGRAPHIC MAP



3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com

JUNE 2024

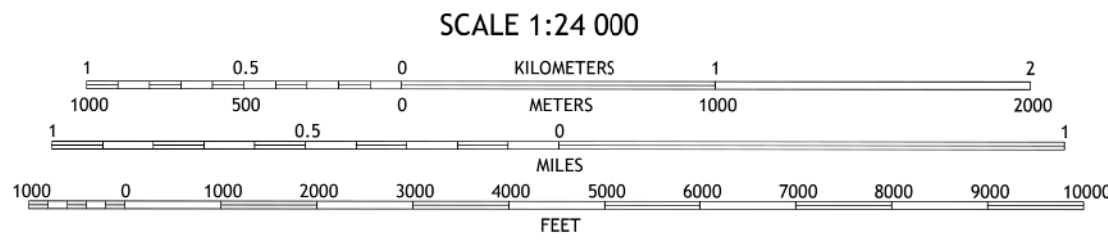
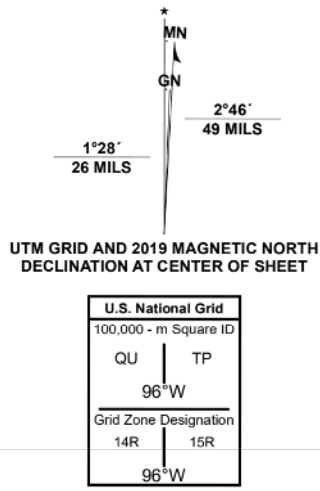
JOB NO: 4238-1006



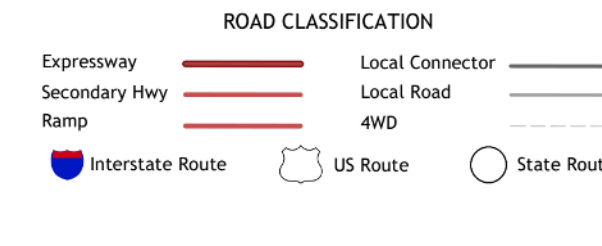
Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1,000-meter grid: Universal Transverse Mercator, Zone 14R
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.

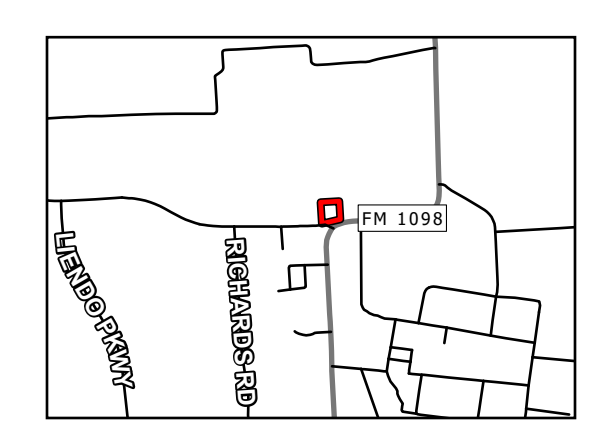
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Roads.....U.S. Census Bureau, 2015
Names.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2004
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



1	2	3	Daniels
4	5	6	Howth
7	8	9	Waller NW
10	11	12	Duckhorn
13	14	15	Waller
16	17	18	Burleigh
19	20	21	Sunny Side
22	23	24	Hockley Mound



HEMPSTEAD, TX
2022



ATTACHMENT 2

UNIVERSITY OAKS
WWTP DISCHARGE PERMIT (3-MILE)
USGS TOPOGRAPHIC MAP

LJA 3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com

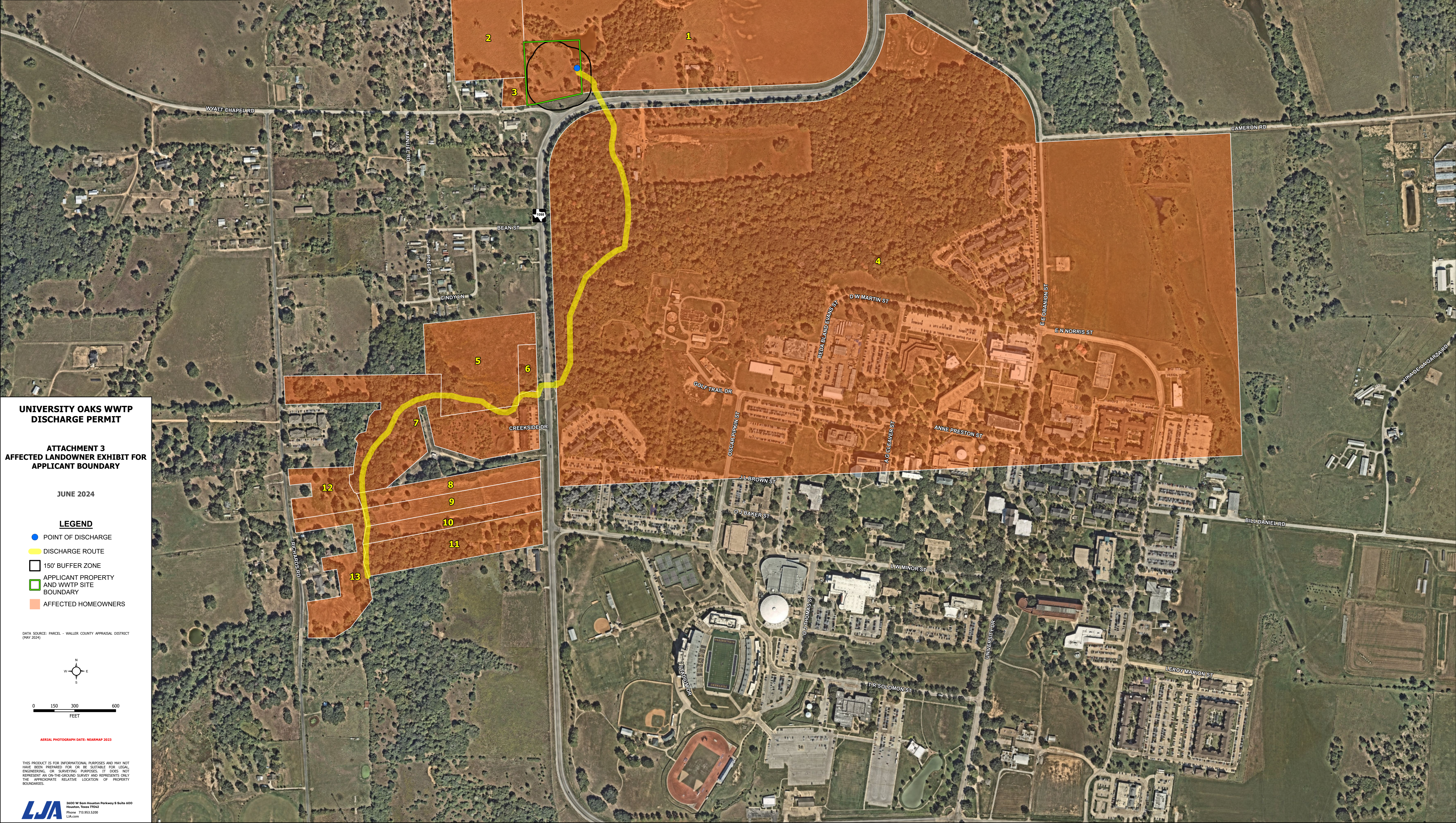
JUNE 2024

JOB NO: 4238-1006



Attachment 5 – Affected Landowners Map & List

MAP KEY	OWNER NAME	ACREAGE
1	O'BANION LORRAINE	43.4
2	O'BANION LORRAINE	7.22
3	CLARK OSBORNE JR	0.84
4	PRAIRIE VIEW A & M UNIV	310.01
5	AQUARIAN ALLIES LLC	10.53
6	HOOD PATRICIA ANN	1.09
7	INOC PROPERTIES	17.62
8	WOODS BEVERLY JO MIMS	3.71
9	LAWRENCE CAROLYN NAN MIMS	3.86
10	PREMARK INVESTMENTS LLC	3.74
11	KILPATRICK KOLLYE W	7.25
12	WRIGHT TRUSTEES OF RAYMOND J JR &	3.38
13	BROWN BARBARA TOMPKINS	5.75



UNIVERSITY OAKS, LLC
3040 POST OAK BLVD #STE 1212
HOUSTON, TX 77056

O'BANION LORRAINE
13911 BLUFF WIND
SAN ANTONIO, TX 78216

CLARK OSBORNE JR
P.O. BOX 2863
PRAIRIE VIEW, TX 77446

PRAIRIE VIEW A&M UNIV
301 TARROW STREET
COLLEGE STATION, TX 77840-7896

AQUARIAN ALLIES, LLC
9900 SPECTRUM DR
AUSTIN, TX 78717

HOOD PATRICIA ANN
C/O LINUS JOSEPH GUILLORY JR
39163 ADDIE GEE
HEMPSTEAD, TX 77445

WM CREEKSIDE, LLC
500 W 5TH ST #STE 1010
HOUSTON, TX 77064-1357

WOODS BEVERLY JO MIMS
4507 AUSTIN
HOUSTON, TX 77004-4907

LAWRENCE CAROLYN NAN MIMS
8222 SOUTH PRAIRIE
CHICAGO, IL 606219-0619

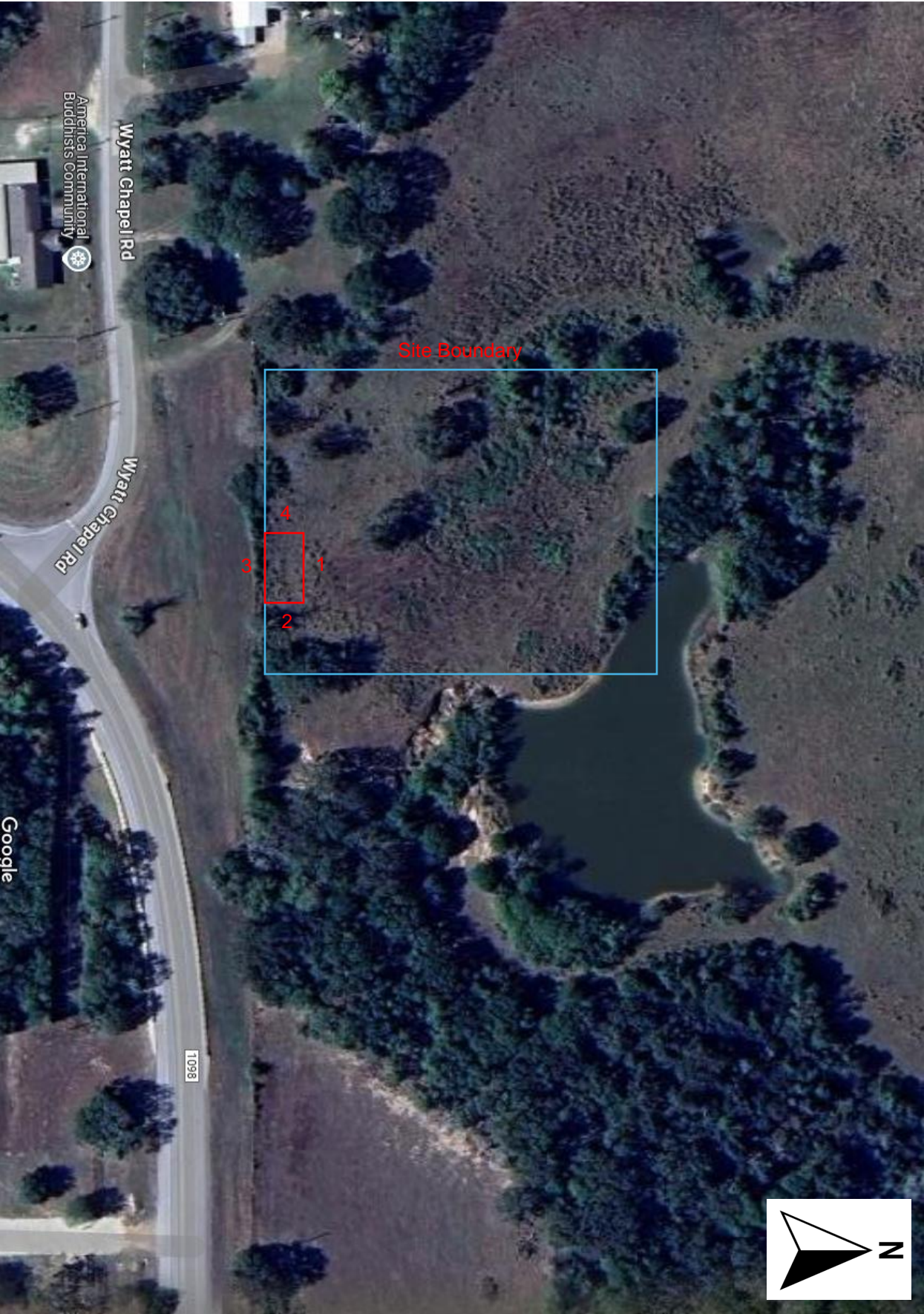
PREMARK INVESTMENTS, LLC
3535 WESTHEIMER RD, #STE 250
HOUSTON, TX 77027

KILPATRICK KOLLYE W
22804 LANEVIEW RD
HEMPSTEAD, TX 77445

WRIGHT TRUSTEES OF RAYMOND J JR
5644 HENSLEY DR
FORT WORTH, TX 76134-2202

BROWN BARBARA TOMPKINS
1502 ROSEWOOD CT
FRIENDSWOOD, TX 77546-7546

Attachment 6 – Original Photographs





1-North



2-East



3-South



4-West



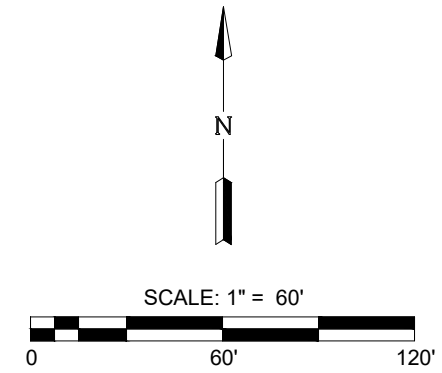
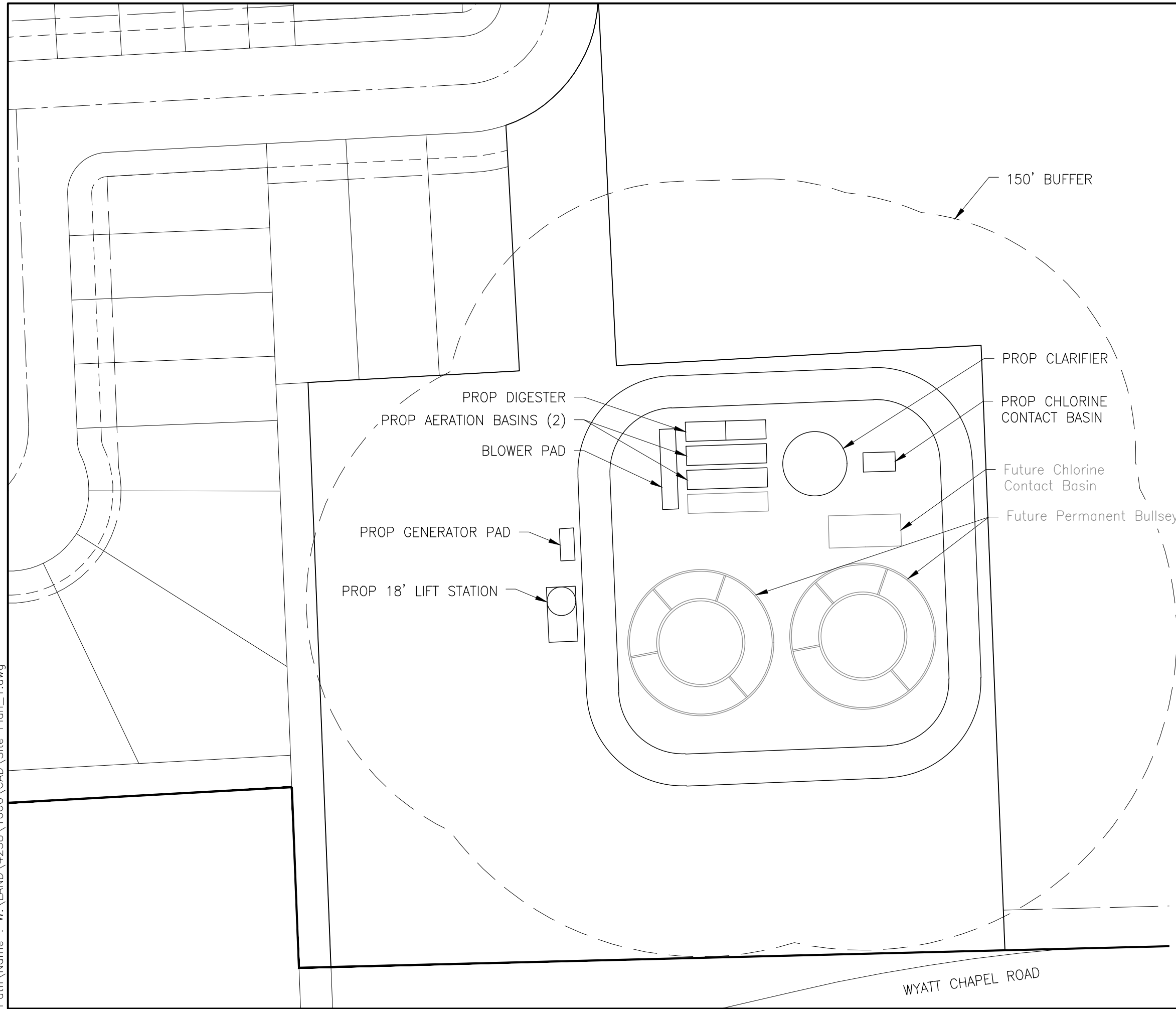
Downstream



Upstream

Attachment 7 – Buffer Zone

Date\Time : Tue, 29 Apr 2025 - 10:53am User Name : rcanfield
Path\Name : W:\LAND\4238\1006\CAD\Site Plan_1.dwg



APPENDIX 7
BUFFER ZONE EXHIBIT

LJA Engineering, Inc.	LJA
3600 W. Sam Houston Parkway S.	Phone 713.953.5200
Suite 600	Fax 713.953.5026
Houston, Texas 77042	FRN - F-1386

Attachment 8 – Supplemental Permit Information Form (SPIF)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: PVTPFL, LLC

Permit No. WQ00 _____

EPA ID No. TX _____

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

Approximately 500 feet northwest from the intersection of FM 1098 & Wyatt Chapel Road, in the city of Prairie View, Waller County, Texas 77316

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

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

First and Last Name: Ashley Broughton

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

Title: Senior Project Manager

Mailing Address: 3600 W Sam Houston Pkwy S, Suite 600

City, State, Zip Code: Houston, TX 77042

Phone No.: 713.380.4431 Ext.:

Fax No.:

E-mail Address: abroughton@lja.com

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

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

Effluent will discharge to a ditch thence through storm sewer directly south to Ponds Creek Segment 1202P.

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

The WWTP site is approximately 3.6 acres and will require some excavation for plant piping and electrical conduit.

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

Land used for cattle.

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

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

Phase 2 - 2026; Phase 3 - 2028






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

N/A

UNIVERSITY OAKS DISCHARGE PERMIT

USGS TOPOGRAPHIC MAP

JUNE 2024

-  POINT OF DISCHARGE
-  DISCHARGE ROUTE
-  APPLICANT PROPERTY
AND WWTP SITE
BOUNDARY
-  OUTFALL 1 MILE BUFFER
-  MEASUREMENT



**APPLICANT PROPERTY
AND WWTP SITE
BOUNDARY**

**POINT OF
DISCHARGE**

**3-MILE
DOWNSTREAM**

**1-MILE
DOWNSTREAM**

PRAIRIE VIEW

PRAIRIE VIEW



3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com

Attachment 9 – Treatment Process

APPENDIX 9

DESCRIPTION OF TREATMENT PROCESS

(In reference to Domestic Technical Report 1.0, Page 1, Item 2A)

Proposed Phase 1 – 0.125 MGD

The treatment system utilizes the extended aeration mode of the activated sludge process. The plant will initially be capable of treating an average daily flow of 0.125 MGD and a 2-hour peak flow of 0.50 MGD and consists of steel tankage. Plant influent will be pumped from the on-site lift station to the headworks which has a manually cleaned bar screen. From there, wastewater flows to two aeration basins with a total volume of 13,920 cubic feet. From the aeration basins the wastewater flows to a single 40-foot diameter clarifier with a total volume of 13,195 cubic feet. Clarified wastewater flows from the clarifier into a single chlorine contact basin, with a total volume of 2,040 cubic feet, to the outfall. The sludge in the clarifier sump is recycled back to the aeration basins as RAS or wasted into two aerobic digester basins as WAS with a total volume of 7,020 cubic feet. The digested sludge is collected and disposed by a certified sludge hauler. Supernatant from the aerobic digesters is returned to the aeration basins.

Proposed Phase 2 – 0.250 MGD

The treatment plant will continue to operate in the complete mix mode of the activated sludge process. The proposed expansion for the second phase will provide an additional 0.125 MGD of treatment capacity by constructing an additional steel tankage for one additional aeration basin to the existing steel tankage. The treatment system utilizes the extended aeration mode of the activated sludge process. The plant will initially be capable of treating an average daily flow of 0.250 MGD and a 2-hour peak flow of 1.00 MGD and consists of steel tankage. Plant influent will be pumped from the on-site lift station to the headworks which has a manually cleaned bar screen. From there, wastewater flows to three aeration basins with a total volume of 20,880 cubic feet. From the aeration basins the wastewater flows to a single 40-foot diameter clarifier with a total volume of 13,195 cubic feet. Clarified wastewater flows from the clarifier into a single chlorine contact basin, with a total volume of 2,040 cubic feet, to the outfall. The sludge in the clarifier sump is recycled back to the aeration basins as RAS or wasted into two aerobic digester basins as WAS with a total volume of 7,020 cubic feet. The digested sludge is collected and disposed by a certified sludge hauler. Supernatant from the aerobic digesters is returned to the aeration basins.

Proposed Final Phase 3 – 0.980 MGD

The treatment plant will continue to operate in the complete mix mode of the activated sludge process. The proposed expansion for the final phase will provide an additional 0.73 MGD of treatment capacity by constructing two concrete bullseyes with an additional chlorine contact basin to the existing steel tankage. The expansion will allow the wastewater treatment plant to treat an average daily flow of 0.98 MGD and a 2-hr peak flow of 3.92 MGD. Plant influent will be pumped from the on-site lift station to the headworks which has a manually cleaned bar screen. From there, wastewater flows to the two bullseye plants with aeration basins of a total volume of 76,713 cubic feet. From the aeration basins the

wastewater flows into the bullseyes' 52-foot diameter clarifier with a total volume of 48,606 cubic feet. Clarified wastewater flows from the clarifiers into one chlorine contact basin with a total volume of 8,483 cubic feet, to the outfall. The sludge in the clarifier sump is recycled back to the aeration basins as RAS or wasted into the aerobic digester basins as WAS with a total volume of 39,899 cubic feet. The digested sludge is collected and disposed by a certified sludge hauler. Supernatant from the aerobic digesters is returned to the aeration basins.

Attachment 10 – Treatment Units

APPENDIX 10 – Table 1.0 (1) – Treatment Units

MAJOR COMPONENTS OF TREATMENT SYSTEM

(In reference to Domestic Technical Report 1.0, Page 2, Item 2B)

Major components and size for each project phase are as follows:

Proposed Phase 1

(0.125 MGD)

<u>Type of Unit</u>	<u>Number of Units</u>	<u>Size (l' x w' x d')</u>
Aeration Basin	2	50' x 12' x 11.7' swd
Aerobic Digester	2	25' x 12' x 13.2'
Clarification	1	40' dia x 10.5' swd
Chlorine Disinfection	1	20' x 12' x 8.5' swd

Proposed Phase 2

(0.250 MGD)

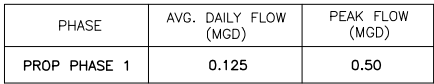
<u>Type of Unit</u>	<u>Number of Units</u>	<u>Size (l' x w' x d')</u>
Aeration Basin	3	50' x 12' x 11.7' swd
Aerobic Digester	2	25' x 12' x 13.2'
Clarification	1	40' dia x 10.5' swd
Chlorine Disinfection	1	20' x 12' x 8.5' swd

Proposed Final Phase

(0.980 MGD)

<u>Type of Unit</u>	<u>Number of Units</u>	<u>Size (l' x w' x d')</u>
Aeration Basin	4	120° x 18' x 14' swd
Aerobic Digester	4	60° x 18' x 13.2'
Clarification	2	52' dia x 11.4' swd
Chlorine Disinfection	1	45' x 20' x 10.5' swd

Attachment 11 – Process Flow Diagrams



A PROCESS FLOW DIAGRAM

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

APPENDIX 13
PROCESS FLOW DIAGRAM – PHASE 1

LJA Engineering, Inc.

3600 W. Sam Houston Parkway S.

Suite 600
Houston, Texas 77042

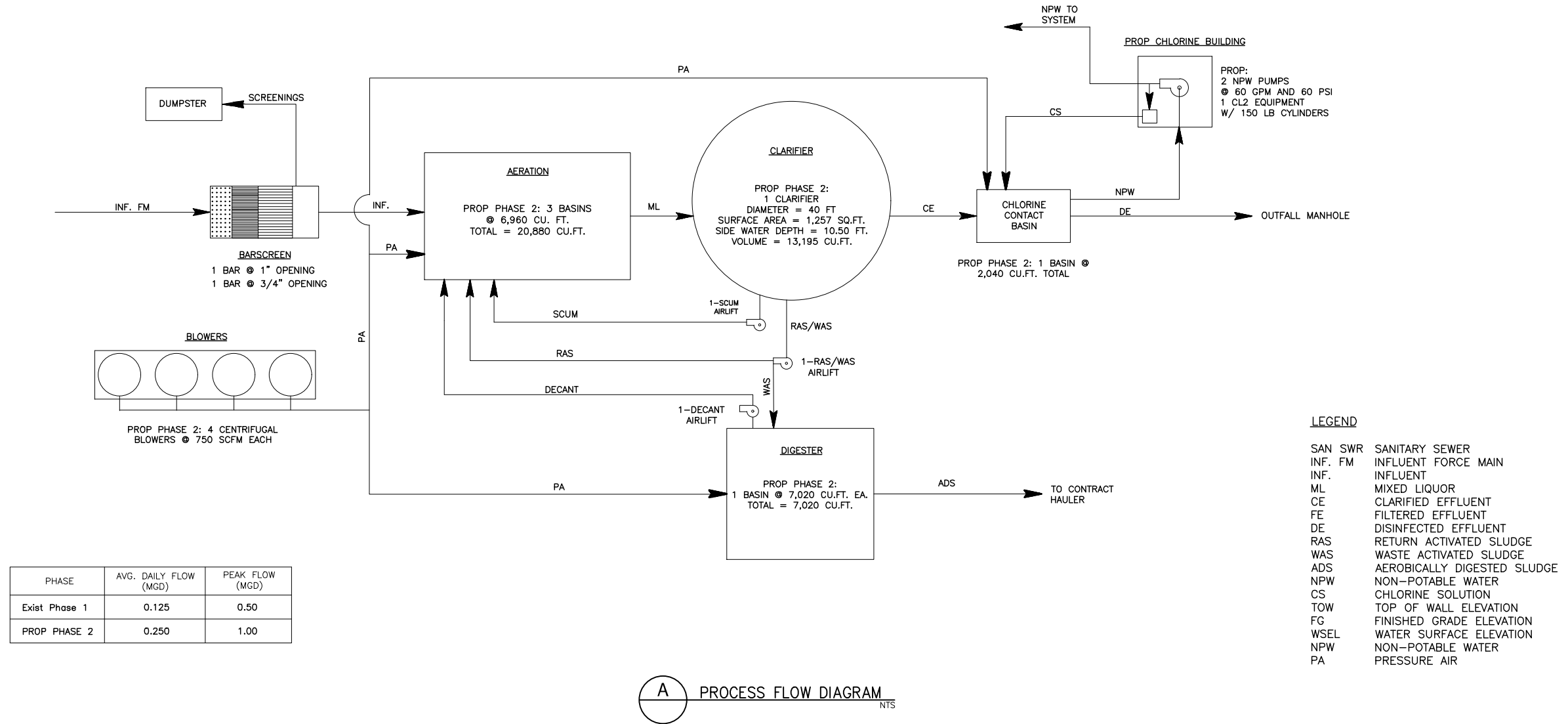
Phone 713.953.5200

Fax 713.953.5026

FRN - F-1386



Date\\Time : Wed, 30 Apr 2025 - 1:51pm User Name : rcanfield
Path\\Name : W:\\LAND\\4238\\1006\\Permit Package\\Appendices\\11_Process Flow Diagrams\\Process Flow Diagram.dwg



APPENDIX 13

PROCESS FLOW DIAGRAM - PHASE 2

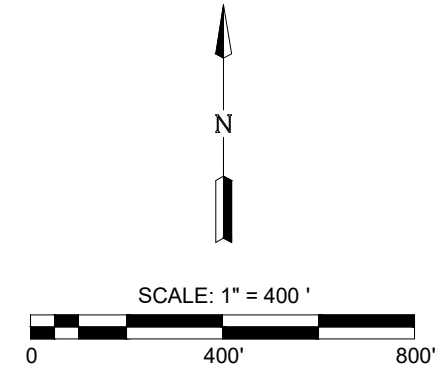
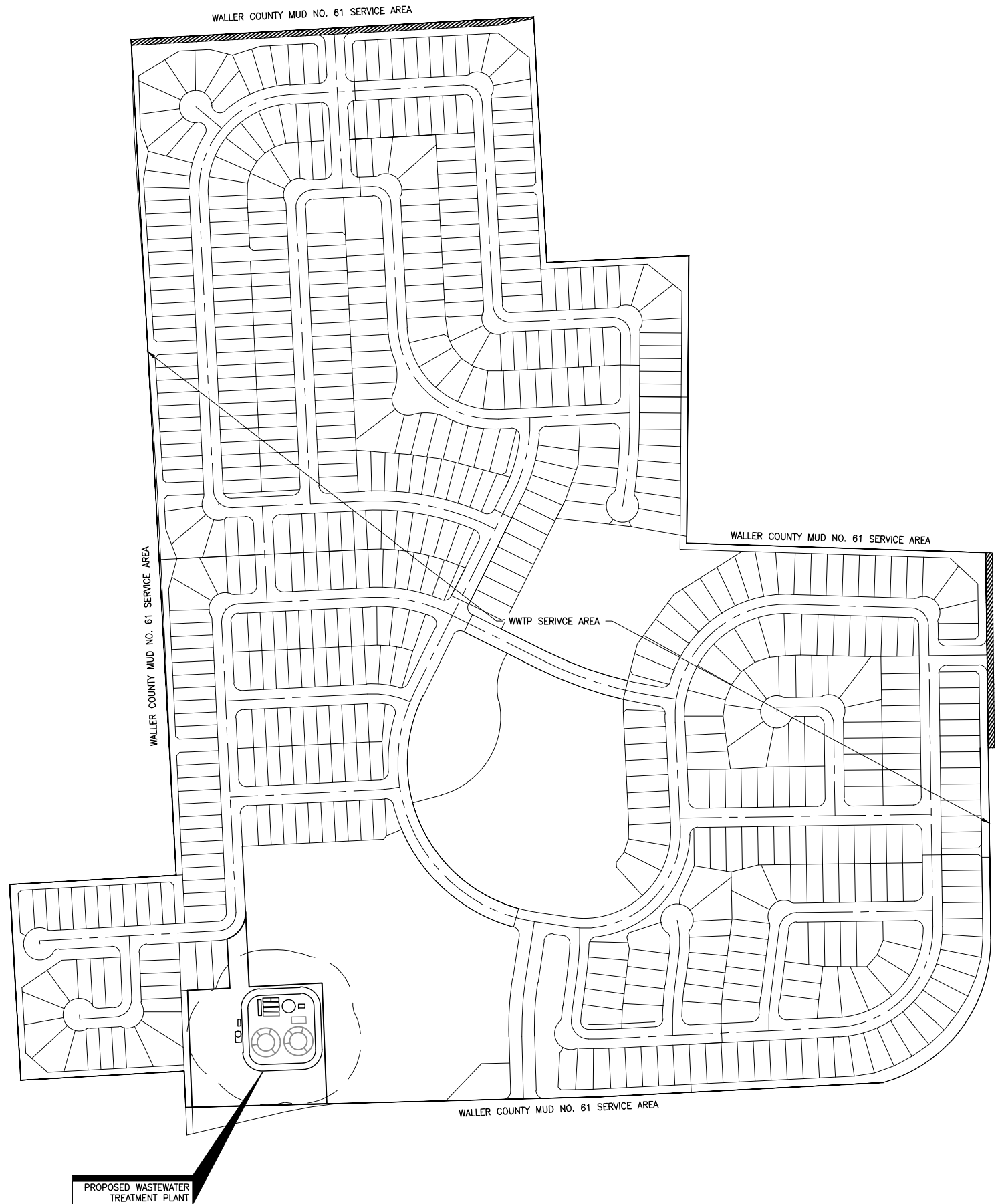
LJA Engineering, Inc.

3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386



Attachment 12 – Service Area Map



APPENDIX 13

SERVICE AREA MAP

LJA Engineering, Inc.

3600 W. Sam Houston Parkway S.
Suite 600
Houston, Texas 77042

Phone 713.953.5200
Fax 713.953.5026
FRN - F-1386



Attachment 13 – Nearby WWTPs

UNIVERSITY OAKS
DISCHARGE PERMIT

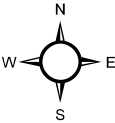
ATTACHMENT 14
NEARBY DOMESTIC PERMITTED WWTFs
(WITHIN 3-MILE RADIUS)

JUNE 2024

LEGEND

- POINT OF DISCHARGE
- WASTEWATER OUTFALLS
- WWTP SITE BOUNDARY/
APPLICANT'S PROPERTY
BOUNDARY
- MUD BOUNDARY
- 3-MILE RADIUS
- COUNTY LINE

DATA SOURCE: TCEQ OUTFALLS - UPDATED JULY 2023,
COUNTY LINE - H-GAC



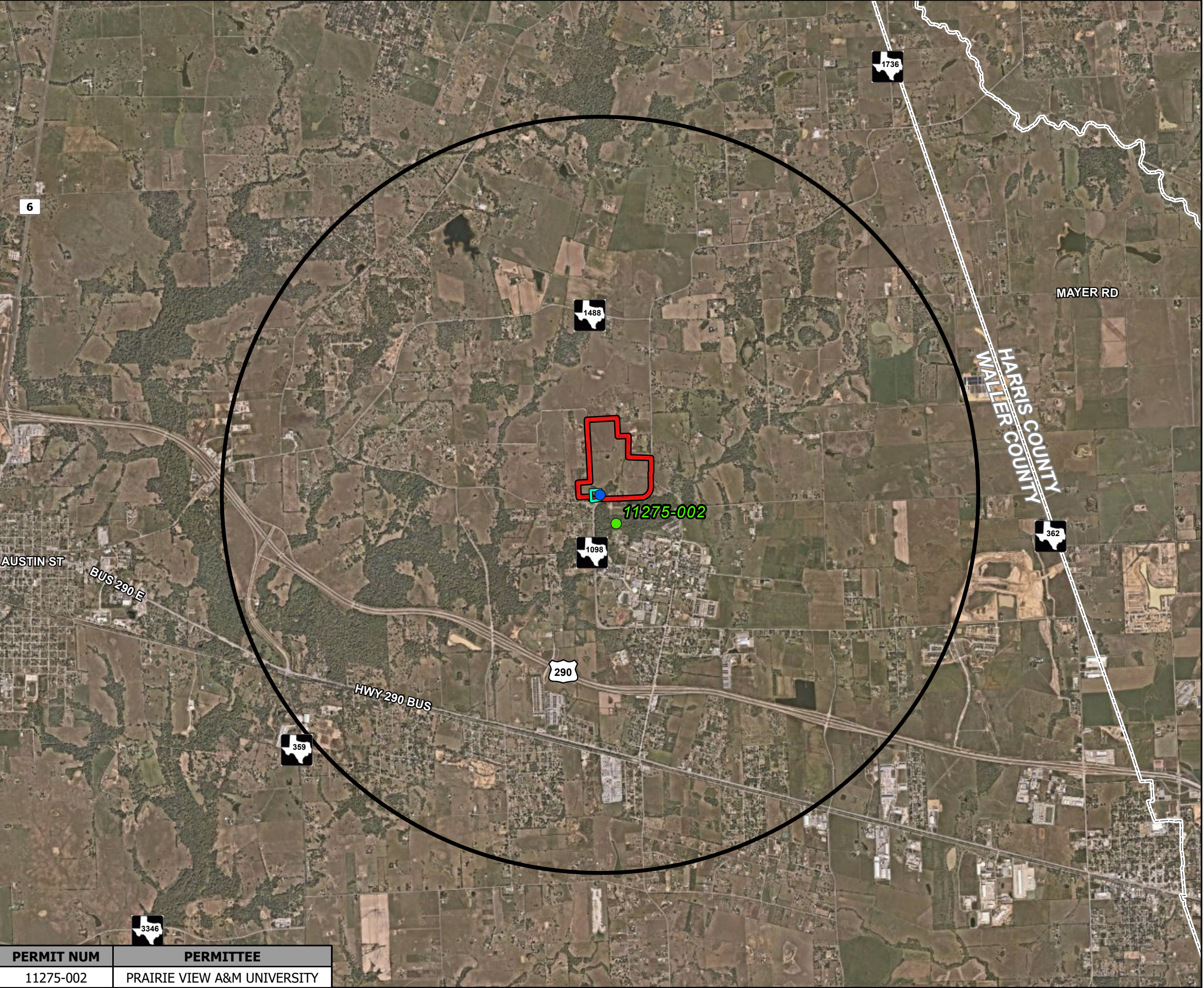
0 0.75 1.5
MILES

AERIAL PHOTOGRAPH DATE: NEARMAP 2023

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.



3600 W Sam Houston Parkway S Suite 600
Houston, Texas 77042
Phone 713.953.5200
LJA.com



PERMIT NUM	PERMITTEE
11275-002	PRAIRIE VIEW A&M UNIVERSITY

Attachment 14 – Capacity Request Letters



July 2, 2024

VIA CERTIFIED MAIL

Prairie View A&M University
P.O. Box 519
Prairie View, Texas 77446-0519

Re: Wastewater Service Request for University Oaks WWTP
LJA Job No. 4238-1006

To Whom It May Concern:

We are currently preparing an application for a discharge permit for the University Oaks Wastewater Treatment Plant, in Waller County. The proposed development will require 0.98 MGD of wastewater service capacity. TCEQ regulations require us to contact all entities with a permitted wastewater treatment plant within three (3) miles of our plant, and to identify any available capacity at those facilities. Your referred wastewater treatment plant is within a three (3) mile radius from 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 in writing or indicating below on this letter if the Prairie View A&M Wastewater Treatment Facility with TPDES Permit No. WQ0011275002 has available capacity. After you have made the required indication, please email Ryan Canfield at rcanfield@lja.com or mail the response back. We would appreciate a response within ten (10) days. Thank you in advance for your prompt attention regarding this matter.

Sincerely,

Ryan Canfield
Graduate Engineer

RC/pn

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

Name: _____ Title: _____

Signature: _____ Date: _____

USPS TRACKING #



First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

9590 9402 8695 3310 5145 22

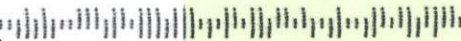
United States
Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box •

LJA Engineering
3600 W. Sam Houston Pkwy. S. Ste. #600
Houston, Texas 77042

Ryan Canfield
Job #: 4238-1006

07/02/24



SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Prairie View A&M University
WWTP
P.O. Box 519
Prairie View, TX 77446-0519



9590 9402 8695 3310 5145 22

2. Article Number (Transfer from service label)

9589 0710 5270 0578 7304 98

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Shantel Walker*

☐ Agent

☐ Addressee

B. Received by (Printed Name)

Shantel Walker

C. Date of Delivery

7/9/24

D. Is delivery address different from item 1? ☐ Yes

If YES, enter delivery address below:

☐ Yes

☐ No

3. Service Type

☐ Adult Signature

☐ Adult Signature Restricted Delivery

☐ Certified Mail®

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☐ Collect on Delivery

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☐ Signature Confirmation Restricted Delivery

☐ Restricted Delivery

Attachment 15 – WWTP Design Calculations

Attachment 13: University Oaks WWTP

Wastewater Treatment Plant

Process Design Calculations

Project #:

4238-1006

WWTP Influent Flow

		Phase 1	Phase 2
Average Daily Flow	gpd	125,000	250,000
Peaking Factor		4	4
Peak Flow	gpd	500,000	1,000,000
Equivalent Single Family Connections	ESFC	417	833
Water Usage per Connection	gal/ESFC	300	300

WWTP Organic Parameters

BOD ₅	325 mg/L		
NH ₃	75 mg/L		
BOD Loading	lbs/d	339	678

Aeration Basin Design

Process Description	Conventional Activated Sludge Process With Nitrification When Reactor Temp 15C		
Organic Loading Rate	35	lbs BOD5/day/1,000ft ³	
Minimum Free Board	1.5	ft	
Minimum Aeration Volume	ft ³	9,680	19,361
Number of Tanks		2	3
Length	ft	50	50
Width	ft	12.0	12.0
Height of Basin	ft	13.2	13.2
Calculated Side Water Depth at Average Flow	ft	11.60	11.60
Calculated Side Water Depth at Peak Flow		11.70	11.70
Proposed Free Board at Peak Flow	ft	1.50	1.50
Proposed Volume	ft ³	13,920	20,880

Secondary Clarifier Design

Process Description	Activated Sludge - Secondary, Enhanced Secondary, or Secondary With		
Maximum Surface Loading @ 2-hr Peak Flow	1,200	gpd/ft ²	
Minimum Detention Time	1.8	hrs	
Minimum SWD	10	ft	
Minimum Free Board	1	ft	
Maximum Weir Loading		20,000	20,000
Maximum Vertical Velocity in Stilling Well	0.15	ft/s	
Minimum Surface Area Required	ft ²	417	833

Number of Clarifiers		1	1
Diameter	ft	40	40
Proposed Weir Loading	gpd/lf	4,188	8,377
Height of Clarifier	ft	14.2	14.2
Calculated Side Water Depth	ft	10.50	10.50
Proposed Free Board at Peak Flow	ft	1.50	1.50
Proposed Surface Area	ft ²	1,257	1,257
Proposed Volume	ft ³	13,195	13,195
Proposed Detention Time	hrs	4.74	2.37
Stilling Well Diameter	ft	6.0	6.0
Proposed Stilling Well Velocity	ft/s	0.03	0.05

Chlorine Contact Basin

Minimum Contact Time	20 min
Minimum Free Board	2 ft

Number of Basins		1	1
Width of Tank	12 ft	12	12
Height of Tank	10.5 ft	10.5	10.5
Calculated Side Water Depth at Peak Flow	ft	8.50	8.50
Calculated Free Board at Peak Flow	ft	2.00	2.00
Proposed Length of Tank	20 ft	20	20
Proposed Volume	ft ³	2,040	2,040
Proposed Detention Time	min	43.95	21.97

Aerobic Digester Design

Volatile Solids Wasted (From Solids Balance)	lbs/d	228	457
TCEQ Loading Rate	200 lbs/d/1,000ft ³		

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

Minimum Required Volume	ft ³	1,142	2,284
Minimum Required Volume (3.5 days)	ft ³	3,426	6,853

Number of Digesters		2	2
Width	ft	12.0	12.0
Height	ft	13.2	13.2
Length	ft	25	25
Proposed Volume	ft ³	7,020	7,020

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	33	67
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
Number of 1-ton Chlorine Cylinders per Bank		0	0
Proposed Maximum Chlorine Withdrawal Rate		65	130

Air Requirements

Aeration Basins

Type of Diffuser	Coarse Bubble Diffuser		
Transfer Efficiency Factor	0.65		
Depth of Diffuser		10.60	10.60
Submergence Correction Factor		1.39	1.39
Clean Water Transfer Efficiency	8.40%		
Wastewater Transfer Efficiency	5.46%		
Aeration Oxygen Requirement	2.19 lb O ₂ /lb BOD ₅		
Aeration Airflowrate	scfm	762	1,525
Mixing Oxygen Requirement	20 scfm/1,000 ft ³		
Mixing Airflowrate	scfm	278	418
Required Airflowrate	scfm	762	1,525

Aerobic Digester

Type of Diffuser	Coarse Bubble Diffuser		
Required Mixing Air Rate	20 scfm/1,000 ft ³		
Required Airflowrate	scfm	140.4	140.4

Chlorine Contact Basin

Effluent DO Concentration	4 mg/L		
Initial DO Concentration*	0 mg/L		
Diffuser Capacity	150%		
Required Oxygen at Peak Flow	lb O ₂ /d	16.69	33.38
Required Airflowrate	scfm	12.31	24.61
Airflowrate Required by Diffusers		18.46	36.92
Minimum Airdrops (10 scfm)		2	4

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

Airlifts

Amount Required	110 scfm
-----------------	----------

Total Air Requirement

Total Plant Required Air	scfm	1,025	1,800
--------------------------	------	-------	-------

Blower Sizing

Blower Capacity	750 scfm		
Blower Required		2	3
Blower Provided (+1 Redundant)		3	4

Project Name: University Oaks WWTP Permit

Permanent Wastewater Treatment Plant

Process Design Calculations

Project #: 4238-1006

Ultimate Phase

WWTP Influent Flow

Average Daily Flow	gpd	980,000
Peaking Factor		4
Peak Flow	gpd	3,920,000
Equivalent Single Family Connections	ESFC	3,266
Water Usage per Connection	gal/ESFC	300

WWTP Organic Parameters

BOD ₅	325 mg/L	
NH ₃	75 mg/L	
BOD Loading	lbs/d	2,656

Concentric Ring Design

Height	16 ft
--------	-------

Aeration Basin Design

Process Description	When Reactor Temperatures Exceed 15C	
Organic Loading Rate	35	lbs BOD5/day/1,000ft ³
Minimum Free Board	1.5	ft
Minimum Aeration Volume	ft ³	75,894
Number of Tanks		4
Width of Aeration	ft	18.00
Ring Degrees	°	120.0
Calculated Side Water Depth at Average Flow	ft	13.60
Calculated Side Water Depth at Peak Flow		13.94
Proposed Free Board at Peak Flow	ft	2.06
Proposed Area	ft ³	5504
Proposed Volume	ft ³	76,713

Secondary Clarifier Design

Process Description

Maximum Surface Loading @ 2-hr Peak Flow

Minimum Detention Time

Minimum SWD

Minimum Free Board

Maximum Weir Loading

Maximum Vertical Velocity in Stilling Well

Minimum Surface Area Required

Number of Clarifiers

Diameter

Launder Trough Width

Proposed Weir Loading

Calculated Side Water Depth

Proposed Free Board at Peak Flow

Proposed Surface Area

Proposed Volume

Proposed Detention Time

Stilling Well Diameter

Proposed Stilling Well Velocity

Activated Sludge - Secondary, Enhanced Secondary, or
Secondary With Nitrification

1,200 gpd/ft²

1.8 hrs

10 ft

1 ft

gpd/lf

0.15 ft/s

ft²

20,000

3267

2

52

2

12,998

11.44

2.39

4,247

48,606

2.23

10.0

0.04

Chlorine Contact Basin

Minimum Contact Time

Minimum Free Board

Minimum Required Volume

Number of Basins

Width

Length

Height

Calculated Side Water Depth at Peak Flow

Calculated Free Board at Peak Flow

Proposed Area

Proposed Volume

Proposed Detention Time

20 min

1 ft

ft³

7,279

1

20

45

13

9.43

3.57

900

8,483

23.31

Aerobic Digester Design

Volatile Solids Wasted (From Solids Balance)

TCEQ Loading Rate

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

Minimum Required Volume

Minimum Required Volume (3 Days)

Minimum Free Board

Number of Digesters

Radius

Ring Degrees

Proposed Area

Proposed Volume

lbs/d

2347

200 lbs/d/1,000ft³

ft³

11,737

ft³

35,210

1.5 ft

4

ft

18.00

°

60.0

ft³

2751.64

ft³

39,899

Chlorine Dosage Requirements

Type of Effluent

Chlorine Concentration

Storage of Chlorine Tanks

Low Ambient Temperature

Required Chlorine Dosage

Withdrawal Rate per 150-lb Chlorine Cylinder

Withdrawal Rate per 1-ton Chlorine Cylinder

Number of 150-lb Chlorine Cylinders per Bank

Number of 1-ton Chlorine Cylinders per Bank

Proposed Maximum Chlorine Withdrawal Rate

Activated Sludge

8 mg/L

Temperature-Controlled Enclosure

65 °F

lbs/d

262

65 lbs/d

520 lbs/d

5

0

325

Air Requirements

Aeration Basins

Type of Diffuser

Transfer Efficiency Factor

Length of Diffuser to Bottom of Tank

Depth of Diffuser

Submergence Correction Factor

CWOTE per foot of Submergence

Calculated Clean Water Transfer Efficiency

Design Clean Water Transfer Efficiency*

Wastewater Transfer Efficiency

Aeration Oxygen Requirement

Aeration Airflowrate

Mixing Oxygen Requirement

Mixing Airflowrate

Required Airflowrate

Coarse Bubble Diffuser

0.65

1.50 ft

12.10

1.00

0.45%

5.44%

5.44%

3.54%

*If Clean Water Transfer Efficiency exceeds TCEQ maximum for innovative technology use maximum in lieu of calculated

2.19 lb O₂/lb BOD₅

scfm

6,605

20 scfm/1,000 ft³

scfm

1,534

scfm

6,605

Aerobic Digester

Type of Diffuser	Coarse Bubble Diffuser	
Required Mixing Air Rate	20	scfm/1,000 ft3
Required Airflowrate		scfm 798

Chlorine Contact Basin

Effluent DO Concentration	6	mg/L	* Minimum DO Concentration in the Aeration Basin is 2 mg/L however, to
Initial DO Concentration*	0	mg/L	
Diffuser Capacity	150%		
Required Oxygen at Peak Flow		lb O ₂ /d	196.26
Required Airflowrate		scfm	223.26
Airflowrate Required by Diffusers			334.89
Minimum Airdrops (20 scfm)			17

Airlifts

Amount Required/ Basin	200	scfm
------------------------	-----	------

Total Air Requirement

Basin 1 & Chlorine Contact Air		scfm	
Basin 2 Air		scfm	
Total Plant Required Air		scfm	7,826

Blower Sizing

Blower Capacity	750	scfm
Blower Required Basin 1 & Chlorine Contact		
Proposed Blowers Basin 1 & Chlorine Contact		
Blower Required Basin 2		
Proposed Blowers Basin 2		

Return Sludge Pumps

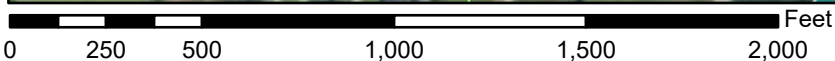
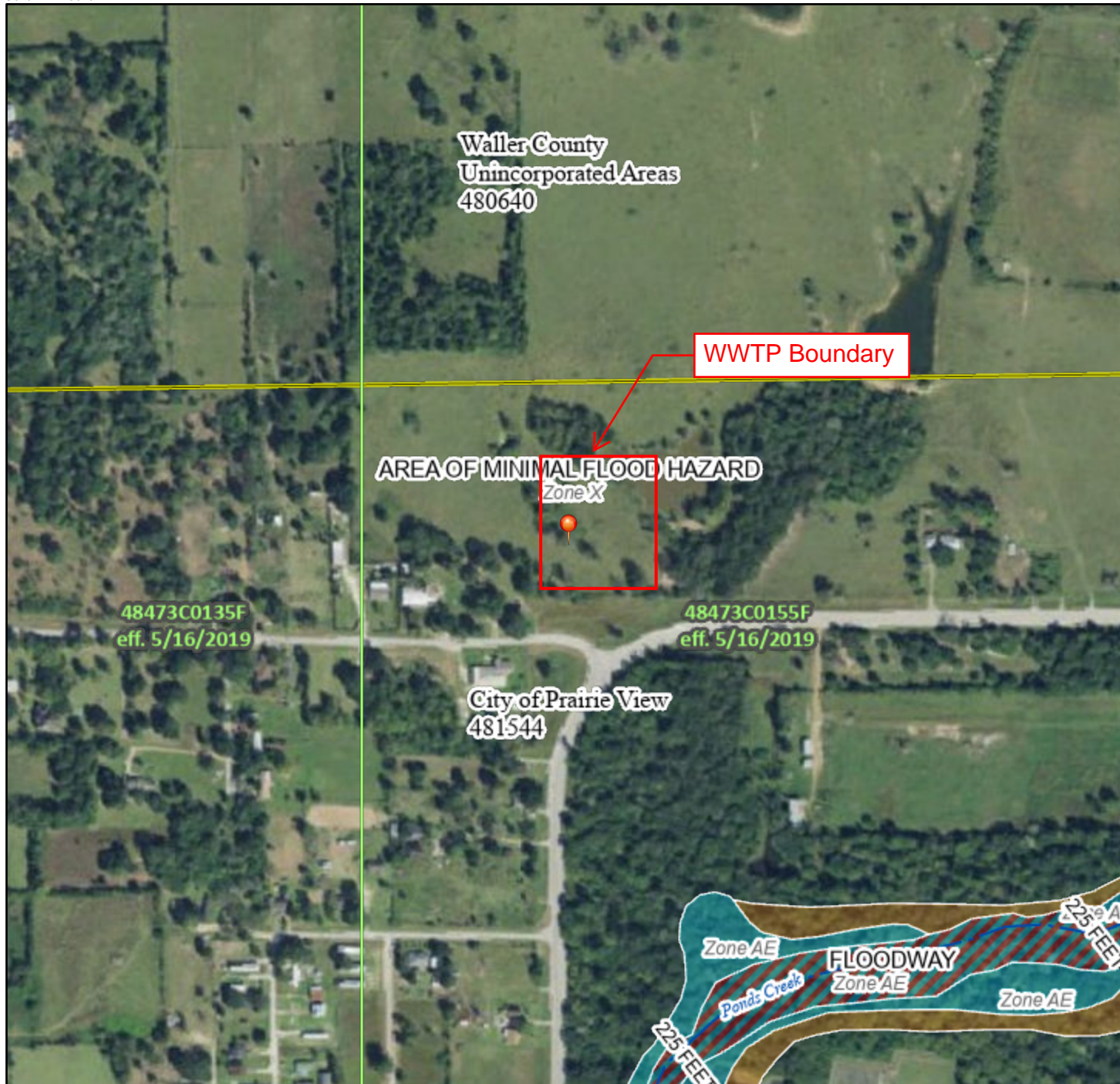
Max	400	gpd/sf	gpm
Min	200	gpd/sf	gpm

Attachment 16 – FEMA Map

National Flood Hazard Layer FIRMMette



96°0'12"W 30°6'27"N



1:6,000

95°59'34"W 30°5'56"N

Basemap Imagery Source: USGS National Map 2023

Legend

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

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



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



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

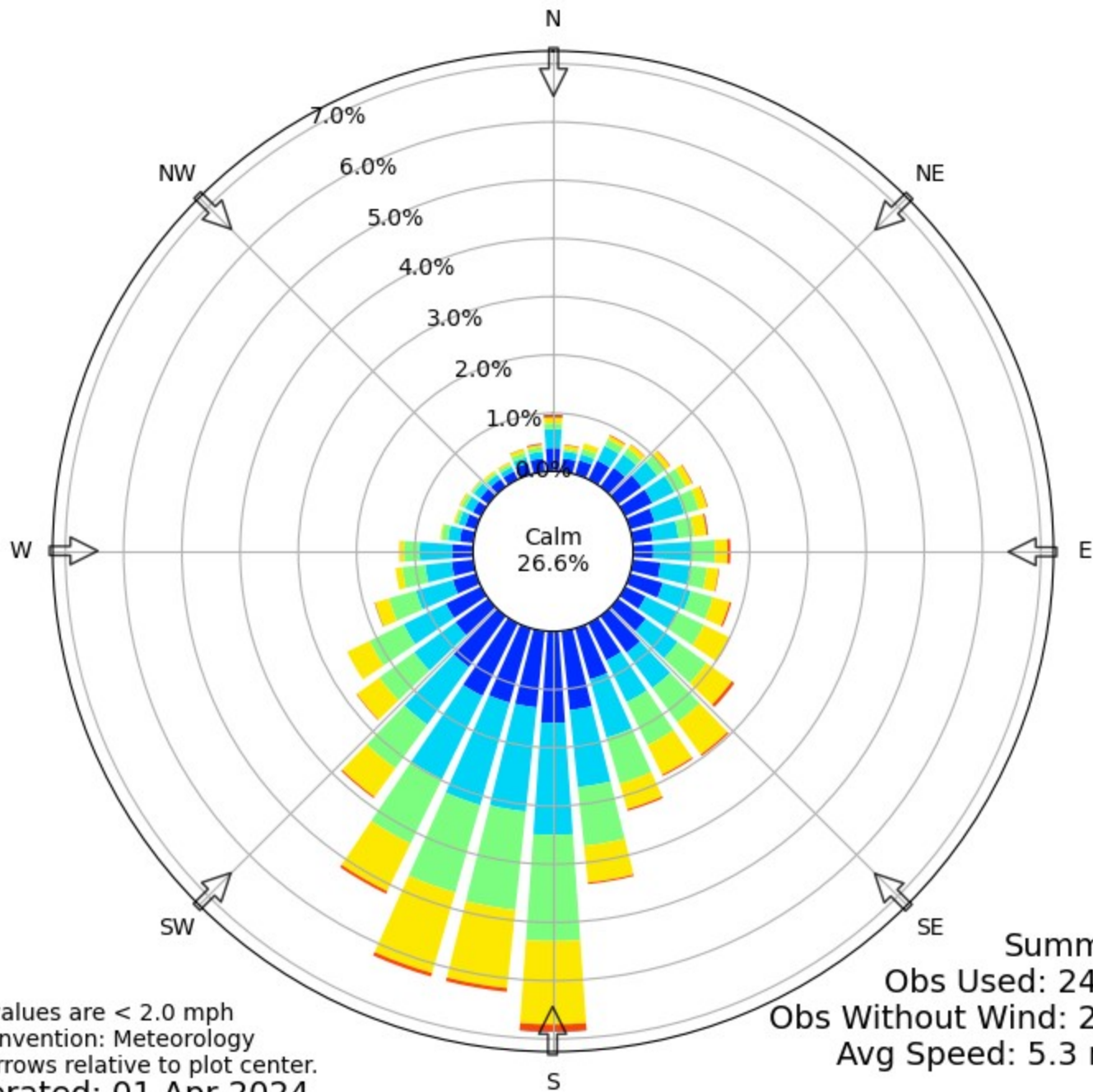
The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 6/18/2024 at 4:09 PM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

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

Attachment 17 – Wind Rose



Windrose Plot for [DWH] HOUSTON/D.W. HOOKS
Obs Between: 01 Jul 1987 06:00 AM - 31 Jul 2023 11:53 PM America/Chicago
↳ constraints: Jul



Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 01 Apr 2024



Attachment 18 – Sludge Management Plan

ATTACHMENT - 18

Sludge Management Plan

Phase 1 - 0.125 MGD

Influent Design Flow	0.125	MGD
Influent BOD ₅ Concentration	325	mg/L
Aerobic Digester Volume	52,505	Gal
Aeration Basin MLSS	2000	mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	339	254	169	85
Pounds (lbs) of digested dry sludge produced*	119	89	59	30
Pounds (lbs) of wet sludge produced	5929	4447	2965	1482
Gallons (Gal) of wet sludge produced	711	533	355	178

*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	12	18	36

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 52505 gal will be approximately 73 days at 100% capacity and annual average digested sludge produced of 119 ppd.

ATTACHMENT - 18

Sludge Management Plan Phase 2 - 0.25 MGD

Influent Design Flow	0.25	MGD
Influent BOD ₅ Concentration	325	mg/L
Aerobic Digester Volume	52,505	Gal
Aeration Basin MLSS	2000	mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	678	508	339	169
Pounds (lbs) of digested dry sludge produced*	237	178	119	59
Pounds (lbs) of wet sludge produced	11858	8894	5929	2965
Gallons (Gal) of wet sludge produced	1422	1066	711	355

*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	4	6	9	18

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 52505 gal will be approximately 36 days at 100% capacity and annual average digested sludge produced of 237 ppd.

ATTACHMENT - 18

Sludge Management Plan

Ultimate - 0.98 MGD

Influent Design Flow	0.98 MGD
Influent BOD ₅ Concentration	325 mg/L
Aerobic Digester Volume	298,421 Gal
Aeration Basin MLSS	2000 mg/L

SOLIDS GENERATED	100% Flow	75% Flow	50% Flow	25% Flow
Pounds (lbs) Influent BOD ₅	2656	1992	1328	664
Pounds (lbs) of digested dry sludge produced*	930	697	465	232
Pounds (lbs) of wet sludge produced	46485	34864	23243	11621
Gallons (Gal) of wet sludge produced	5574	4180	2787	1393

*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	9	13	26

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 298421 gal will be approximately 53 days at 100% capacity and annual average digested sludge produced of 930 ppd.

Attachment 19 – TCEQ EPay Voucher

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: 765685

Trace Number: 582EA000667119

Date: 05/07/2025 01:57 PM

Payment Method: CC - Authorization 0000007735

Voucher Amount: \$1,600.00

Fee Type: WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS

ePay Actor: RYAN CANFIELD

Actor Email: rcanfield@lja.com

IP: 209.133.67.114

Payment Contact Information

Name: RYAN CANFIELD

Company: LJA ENGINEERING INC

Address: 3600 W SAM HOUSTON PKWY S, HOUSTON, TX 77042

Phone: 713-335-1334

Site Information

Site Name: UNIVERSITY OAKS WASTEWATER TREATMENT PLANT

Site Location: APPROX 500 FT NW OF INTERSECTION BTWN FM 1098 & WYATT CHAPEL ROAD

Customer Information

Customer Name: PVTPFL LLC

Customer Address: 1333 WEST LOOP SOUTH STE 860, HOUSTON, TX 77027

Close

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:

765686

Trace Number:

582EA000667119

Date:

05/07/2025 01:57 PM

Payment Method:

CC - Authorization 0000007735

Voucher Amount:

\$50.00

Fee Type:

30 TAC 305.53B WQ NOTIFICATION FEE

ePay Actor:

RYAN CANFIELD

Actor Email:

rcanfield@lja.com

IP:

209.133.67.114

Payment Contact Information

Name:

RYAN CANFIELD

Company:

LJA ENGINEERING INC

Address:

3600 W SAM HOUSTON PKWY S, HOUSTON, TX 77042

Phone:

713-335-1334

Close

Attachment 20 – Projected Flow

Attachment 20
Monthly Projections and Corresponding Influent

Year 1	1/1/2026	2/1/2026	3/1/2026	4/1/2026	5/1/2026	6/1/2026	7/1/2026	8/1/2026	9/1/2026	10/1/2026	11/1/2026	12/1/2026
Res. Connections	0	0	0	0	0	0	0	0	0	0	0	30
Flow at 300 GPD per conn.	0	0	0	0	0	0	0	0	0	0	0	9,000

1

Year 2	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	10/1/2027	11/1/2027	12/1/2027
Res. Connections	60	90	120	150	180	210	240	270	300	330	360	390
Flow at 300 GPD per conn.	18,000	27,000	36,000	45,000	54,000	63,000	72,000	81,000	90,000	99,000	108,000	117,000

2

Year 3	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	10/1/2028	11/1/2028	12/1/2028
Res. Connections	420	450	480	510	540	570	600	630	660	690	720	750
Flow at 300 GPD per conn.	126,000	135,000	144,000	153,000	162,000	171,000	180,000	189,000	198,000	207,000	216,000	225,000

Year 4	1/1/2029	2/1/2029	3/1/2029	4/1/2029	5/1/2029	6/1/2029	7/1/2029	8/1/2029	9/1/2029	10/1/2029	11/1/2029	12/1/2029
Res. Connections	780	810	840	870	900	930	960	990	1020	1050	1080	1110
Flow at 300 GPD per conn.	234,000	243,000	252,000	261,000	270,000	279,000	288,000	297,000	306,000	315,000	324,000	333,000

Year 5	1/1/2030	2/1/2030	3/1/2030	4/1/2030	5/1/2030	6/1/2030	7/1/2030	8/1/2030	9/1/2030	10/1/2030	11/1/2030	12/1/2030
Res. Connections	1140	1170	1200	1230	1260	1290	1320	1350	1380	1410	1440	1470
Flow at 300 GPD per conn.	342,000	351,000	360,000	369,000	378,000	387,000	396,000	405,000	414,000	423,000	432,000	441,000

1.)	90% of phase 1 flow (0.125 MGD), Proposed Phase 2 (0.250 MGD) construction begins
2.)	90% of phase 2 flow (0.250 MGD), Proposed Phase 3 (0.980 MGD) construction begins