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.

Hudson Bend at Lake Travis, LLC (CN 604736231) operates Hudson Harbor WWTP (RN101522142), a wastewater treatment facility. The facility is located at 6409 Hudson Bend Road, in Austin, Travis County, Texas 78734. The renewal of an application to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 0.014 million gallons per day (MGD) via public access subsurface drip irrigation system with a minimum area of 3.2 acres of public access land .

This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain less than 20mg/l biochemical oxygen demand (BOD), 20mg/l total dissolved solids (TSS) and 126 E.Coli CFU MPN/ 100 ml . Domestic wastewater is treated by the activated sludge process followed by clarification and disinfection. Wastewater enters the treatment system and enters the trash tank / equalization basin / lift station, then aeration basins, then clarifiers, then disinfecting, then effluent

storage basin. The effluent pump station pumps water through the effluent filters before being routed to the subsurface drain fields. Waste sludge is removed directly from the aeration basin and hauled off site for further treatment and disposal.

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí **/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.

Hudson Bend en Lake Travis, LLC (CN 604736231) opera la planta Hudson Harbor (RN101522142), una planta de tratamiento de aguas residuales. La planta está ubicada en la calle Hudson Bend Núm. 6409, Austin, en el Condado de Travis, Texas 78734. La renovación de una solicitud para desechar aguas residuales domésticas tratadas a un flujo promedio diario que no exceda los 0.014 millones de galones por día (MGD) se realizará a través de un sistema de riego por goteo subterráneo con un área mínima de 3.2 acres de terreno de acceso público.

Este permiso no autorizará una descarga de contaminantes en el agua del estado.

Se espera que las descargas de la instalación contengan menos de 20 mg/l de demanda bioquímica de oxígeno (DBO), 20 mg/l de sólidos totales disueltos (STD) y 126 E. coli UFC MPN/100 ml. Las aguas residuales domésticas son tratadas mediante el proceso de lodos activados, seguido de clarificación y desinfección. Las aguas residuales ingresan al sistema de tratamiento y pasan por el tanque de basura/balsa de igualación/estación de bombeo, luego a las balsas de aireación, después a los clarificadores, posteriormente a la desinfección y, finalmente, a la balsa de almacenamiento de efluentes. La estación de bombeo de efluentes bombea agua a través de los filtros de efluentes antes de ser dirigida a los campos de drenaje subterráneos. Los lodos residuales se retiran directamente de la balsa de aireación y se transportan fuera del sitio para un tratamiento y eliminación adicionales.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PERMIT NO. WQ0014227001

APPLICATION. Hudson Bend at Lake Travis, LLC, P.O. Box 325, Roxton, Texas 75477, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Land Application Permit (TLAP) No. WQ0014227001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 14,000 gallons per day via public access subsurface drip irrigation system with a minimum area of 3.2 acres of public access land. The domestic wastewater treatment facility and disposal area are located at 6409 Hudson Bend Road, near the city of Austin, in Travis County, Texas 78734. TCEQ received this application on May 31, 2024. The permit application will be available for viewing and copying at Lake Travis Community Library, 1938 Lohmans Crossing Road, Austin, in Travis 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/tlap-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.92343,30.428561&level=18

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

TCEQ may act on an application to renew a permit for discharge of wastewater without providing an opportunity for a contested case hearing if certain criteria are met.

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 Hudson Bend at Lake Travis, LLC at the address stated above or by calling Mr. Robert Thonhoff, Jr., P.E., West Texas Consultants Inc., at 512-328-6736.

Issuance Date: June 26, 2024

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO NO. WQ0014227001

SOLICITUD. Hudson Bend en Lake Travis, LLC, PO Box 325, Roxton, TX 75477 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014227001 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 14,000 galones por día. La planta está ubicada en la calle Hudson Bend Núm. 6409, Austin, en el Condado de Travis, Texas. La ruta de descarga es del sitio de la planta a se realizará a través de un sistema de riego por goteo subterráneo con un área mínima de 3.2 acres de terreno de acceso público. La TCEQ recibió esta solicitud el 31 de mayo de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en 1938 Lohmans Crossing Road, , Austin, en el Condado de Travis, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.92343,30.428561&level=18

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

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

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida**

directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso. Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

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

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

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

CONTACTOS E INFORMACIÓN 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 Hudson Bend en Lake Travis, LLC a la dirección indicada arriba o llamando a Mr. Robert Thonhoff, Jr., P.E. West Texas Consultants Inc. al 512-328-6736.

Fecha de emission: 26 de junio de 2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Hudson Bend at Lake Travis, LLC

PERMIT NUMBER (If new, leave blank): WQ00 14227001

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

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

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region_____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed — Check/Money Order Number: Click to enter text.

Check/Money Order Amount: 315.00

Name Printed on Check: Click to enter text.

EPAY — Voucher Number: 707361/707362

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 14227001

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

Expiration Date: December 1, 2024

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

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

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

Hudson Bend at Lake Travis, 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: 604736231

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

Prefix: Mr | Last Name, First Name: Vick, Michael

Title: Manager | 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. A

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Thonhoff, Robert Jr.

Title: Consultant Credential: P.E

Organization Name: West Texas Consultants Inc.

Mailing Address: 1301 Capital of Texas Hwy. South Suite A-236 City, State, Zip Code: Austin, Tx 78746

Phone No.: 512-328-6736 E-mail Address: bob.thonhoff@wtcinc.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. 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.

Check one or both: ☐ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Thonhoff, Robert Jr.

Title: Consultant Credential: P.E.

Organization Name: West Texas Consultants Inc

Mailing Address: 1301 Capital of Texas Hwy. South Suite A-236 City, State, Zip Code: Austin,

Tx 78746

Phone No.: 512-328-6736 E-mail Address: bob.thonhoff@wtcinc.com

B. 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.

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: Vick, Michael

Title: Manager Credential: Click to enter text.

Organization Name: Hudson Bend at Lake Travis, LLC.

Mailing Address: P.O. Box 325 City, State, Zip Code: Roxton, Texas 75477

Phone No.: 512-940-5558 E-mail Address: michaelmvick@gmail.com

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

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

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

Title: Manager Credential: Click to enter text.

Organization Name: Hudson Bend at Lake Travis, LLC.

Mailing Address: P.O. Box 325 City, State, Zip Code: Roxton, Texas 75477

Phone No.: 512-940-5558 E-mail Address: michaelmvick@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Thonhoff, Robert Jr.

Title: Consultant Credential: P.E

Organization Name: West Texas Consultants Inc

Mailing Address: 1301 Capital of Texas Hwy. South Suite A-236 City, State, Zip Code: Austin, TX 78746

Phone No.: 512-328-6736 E-mail Address: bob.thonhoff@wtcinc.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: Mr. Last Name, First Name: Thonhoff, Robert Jr.

Title: Consultant Credential: P.E.

Organization Name: West Texas Consultants Inc

Mailing Address: 1301 Capital of Texas Hwy. South Suite A-236 City, State, Zip Code: Austin, TX 78746

Phone No.: 512-328-6736 E-mail Address: bob.thonhoff@wtcinc.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: Lake Travis Community Library

Location within the building: Main desk

Physical Address of Building: 2300 Lohman's Spur, Suite 100

City: Austin County: Travis

Contact (Last Name, First Name): Librarian

Phone No.: 512-263-2885 Ext.: Click to enter text.

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Plain Language Summary Template

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

Attachment: A

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: Click to enter text.

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** 101522142

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):

Hudson Harbor WWTP

C. Owner of treatment facility: Hudson Bend at Lake Travis, 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: Hudson Bend at Lake Travis, LLC

Mailing Address: P.O.Box 325 City, State, Zip Code: Roxton, Tx 75477

Phone No.: 512-940-5558 E-mail Address: michaelmvick@gmail.com

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

Attachment: 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: Hudson Bend at Lake Travis, LLC

Mailing Address: P.O.Box 325 City, State, Zip Code: Roxton, Tx 75477

Phone No.: 512-940-5558 E-mail Address: michaelmvick@gmail.com

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

Attachment: 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:

Click to enter text.

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:

NA

City nearest the outfall(s): NA

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

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: NA

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: Austin

C. County in which the disposal site is located: Travis

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

From the treatment plant through a 3" field supply main pipe to the irrigation site; thence via 2" distribution manifold and ½" drip tubing.

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: Lake Travis in Segment 1404

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: WQ0014227001

Applicant: Hudson Bend at Lake Travis, 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): Michael Vick

Signatory title: Manager

Signature: Michael M. Vick Date: May 25, 2024
(Use blue ink)

Subscribed and Sworn to before me by the said Michael Vick
on this 25th day of May, 20 24.
My commission expires on the 17 day of May, 20 26.

Notary Public

[SEAL]

Los Angeles California
County, ~~Texas~~

SPOZHMI ZARIFI
Notary Public - California
Los Angeles County
Commission # 2402327
My Comm. Expires May 17, 2026

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0014227001

Applicant: Hudson Bend at Lake Travis, 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): Michael Vick

Signatory title: Manager

Signature: Michael M. Vick Date: May 25, 2024

(Use blue ink)

Subscribed and Sworn to before me by the said Spozhmi Zarifi, Notary public

on this 25th day of May, 2024.

My commission expires on the 17th day of May, 2026.

Notary Public

[SEAL]

Los Angeles, California

County, ~~Texas~~

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SPOZHMI ZARIFI
Notary Public - California
Los Angeles County
Commission # 2402327
My Comm. Expires May 17, 2026

CALIFORNIA JURAT WITH AFFIANT STATEMENT

GOVERNMENT CODE § 8202

☐ See Attached Document (Notary to cross out lines 1–6 below)
☐ See Statement Below (Lines 1–6 to be completed only by document signer[s], not Notary)

1
2
3
4
5
6

Signature of Document Signer No. 1

Signature of Document Signer No. 2 (if any)

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California

County of Los Angeles

SPOZHMI ZARIFI
Notary Public - California
Los Angeles County
Commission # 2402327
My Comm. Expires May 17, 2026

Place Notary Seal and/or Stamp Above

Subscribed and sworn to (or affirmed) before me

on this 25 day of May, 2024
by *Date* *Month* *Year*

(1) Michael Vick

(and (2) ~~_____~~),

Name(s) of Signer(s)

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature _____
Signature of Notary Public

OPTIONAL

Completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: Domestic Wastewater Permit application

Document Date: 5/25/24 Number of Pages: 1

Signer(s) Other Than Named Above: N/A

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Michael Vick

Title: Manager

Signature: Michael Vick

Date: May 25, 2024

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	14227			

SECTION IV: Preparer Information

40. Name:	Robert Thonhoff Jr, P.E.	41. Title:	Consultant

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(512) 328-6736		(512) 328-6848	bob.thonhoff@wtcinc.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:	Hudson Bend at Lake Travis, LLC.	Job Title:	Manager
Name *(In Print)*:	Michael M. Vick	Phone:	(512) 940- 5585
Signature:	Michael M. Vick	Date:	May 25, 2024

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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

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

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

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

☐ USB Drive ☒ Four sets of labels

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

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

☐ Yes ☒ No

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

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: NA

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:** WQ0014227001

1. Check or Money Order Number: EPay Voucher
2. Check or Money Order Amount: 315.00
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: Hudson Harbor WWTP

   Physical Address of Project or Site: 6409 Hudson Bend Road, Austin, TX

   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)

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): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

B. Interim II Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.014 MGD

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

Estimated construction start date: 09/01/2025

Estimated waste disposal start date: 09/01/2026

D. Current Operating Phase

Provide the startup date of the facility: TBD

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**.

Wastewater enters the treatment system and enters the trash tank / equalization basin / lift station, then aeration basins, then clarifiers, then disinfecting, then effluent storage basin. The effluent pump station pumps water through the effluent filters before being routed to the subsurface drain fields. Waste sludge is removed directly from the aeration basin and hauled off site for further treatment and disposal.

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)
Trash Tank / Lift Station	1	21' x 6' x 6'
Flow Equalization Basin	1	21' x 11' x 10'
Main Lift Station	1	Submersible
Aeration Basins	2	21' x 11' x 10' 15' x 6' x 10'
Clarifiers with Hopper Bottoms	2	6' x 6' x 10' each
Disinfection	1	21' X 6' X 6' (Minimum 20 minute detention time)
Effluent Storage Basins	3	21' x 11' x 10' each
Effluent Pump Station	1	Submersible
Effluent Filtration	1	Skid mounted
Subsurface drain fields	10	Block 1 – 11,900 SQ FT Block 2 – 12,334 SQ FT Block 3 – 12,738 SQ FT Block 4 – 13,020 SQ FT Block 5 – 13,020 SQ FT Block 6 – 13,376 SQ FT Block 7 – 13,106 SQ FT Block 8 – 11,600 SQ FT Block 9 – 13,020 SQ FT Block 10 – 13,818 SQ FT

C. Process Flow Diagram

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

Attachment: E

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

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

- Latitude: NA
- Longitude: NA

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

- Latitude: 30°25'38.20"N
- Longitude: 97°55'26.16"W

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: F

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

The service area is within the property boundaries and will serve the three buildings as shown on the site drawings.

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
NA		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**.

WQ0014227001 was issued August 2, 2007 and renewed June 11, 2015. A minor amendment was issued January 2, 2024. Construction, treatment or disposal from the existing permit has not been initiated.

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: June 2015

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**.

Plans and specifications have not been submitted to the TCEQ for review and approval.

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.

The WWTP facility is covered, therefore the 150ft buffer is not required. The subsurface drip fields have a 10 foot setback from the property line. See Attachment F

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*.

Soil monitoring data is a requirement, but the facility was not put into operation.

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:

The wastewater treatment plant is completely covered, and all waste is captured and designed not to run off the wastewater treatment plant site.

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 BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

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 BOD_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

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). **W*ater treatment facilities*** discharging filter backwash water, complete Table 1.0(3). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml) saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					

Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only
†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: To be determined

Facility Operator's License Classification and Level: To be determined

Facility Operator's License Number: To be determined

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

B. WWTP's 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: Temporary storage of waste activated sludge, then hauled to another permitted WWTP for treatment and disposal.

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
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.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Click to enter text.

D. Disposal site

Disposal site name: To be determined – contract pending

TCEQ permit or registration number: To be determined – contract pending

County where disposal site is located: To be determined – contract pending

E. Transportation method

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

Name of the hauler: To be determined – contract pending

Hauler registration number: To be determined – contract pending

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	☐ Yes	☒ No
Marketing and Distribution of sludge	☐ Yes	☒ No
Sludge Surface Disposal or Sludge Monofill	☐ Yes	☒ No
Temporary storage in sludge lagoons	☐ Yes	☒ No

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

- Original General Highway (County) Map:

Attachment: Click to enter text.

- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click to enter text.

- Federal Emergency Management Map:

  Attachment: Click to enter text.

- Site map:

  Attachment: Click to enter text.

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

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: 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 $1x10^{-7}$ 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: Michael Vick

Title: Manager

Signature: Michael Vick

Date: May 25, 2024

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.

Click to enter text.

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: **G - Travis County WCID 17 20943**

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: **G**

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: **G**

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: G

Section 2. Proposed Organic Loading (Instructions Page 59)

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Nursing home		
Other	Apartment buildings 0.014	220
TOTAL FLOW from all sources	0.014 MGD	
AVERAGE BOD_5 from all sources		220

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: Click to enter text.

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click to enter text.

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 30

Total Suspended Solids, mg/l: 30

Ammonia Nitrogen, mg/l: NA

Total Phosphorus, mg/l: NA

Dissolved Oxygen, mg/l: NA

Other: NA

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 2.0 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: H

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.

FEMA National Flood Hazard Layer WMS server, FEMA firm 48453C0220J effective date: 1/22/2020. See Attachment I

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: Attachment I

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: Click to enter text.

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)

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

Section 3. Classified Segments (Instructions Page 64)

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 66)

Section 2. Data Collection (Instructions Page 66)

Table 2.1(1) - Stream Transect Records

Section 3. Summarize Measurements (Instructions Page 66)

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

Section 1. Type of Disposal System (Instructions Page 68)

Identify the method of land disposal:

- ☐ Surface application
- ☐ Subsurface application
- ☐ Irrigation
- ☐ Subsurface soils absorption
- ☐ Drip irrigation system
- ☒ Subsurface area drip dispersal system
- ☐ Evaporation
- ☐ Evapotranspiration beds
- ☐ Other (describe in detail): Click to enter text.

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

For existing authorizations, provide Registration Number: Click to enter text.

Section 2. Land Application Site(s) (Instructions Page 68)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Hulled Bermuda Grass	3.2	14,000	Y
Cereal Rye Grain or Oats seeded in the winter months	3.2	14,000	Y

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 68)

Table 3.0(2) – Storage and Evaporation Ponds

Section 4. Flood and Runoff Protection (Instructions Page 68)

Is the land application site within the 100-year frequency flood level?

☐ Yes ☒ No

If yes, describe how the site will be protected from inundation.

Provide the source used to determine the 100-year frequency flood level:

FEMA National Flood Hazard Layer WMS server, FEMA firm 48453C0220J effective date: 1/22/2020. See Attachment I

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Subsurface drip irrigation will require no tailwater control. Rainfall run-on will be diverted to storm sewer and only rainfall actually falling on to surface of subsurface drip irrigation field will drain overland by sheet flow and natural topography.

Section 5. Annual Cropping Plan (Instructions Page 68)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment**: K

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 69)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: **L**

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
93851	Domestic	N	Cased	Maintain minimum 500ft separation distance
350469	Domestic	Y	Open	Maintain minimum 500ft separation distance
353975	Irrigation	N	Cased	Maintain minimum 500ft separation distance
519879	Irrigation	Y	Open	Maintain minimum 500ft separation distance

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: L

Section 7. Groundwater Quality (Instructions Page 69)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: **M**

Are groundwater monitoring wells available onsite? ☐ Yes ☒ No

Do you plan to install ground water monitoring wells or lysimeters around the land application site? ☐ Yes ☒ No

If yes, provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 70)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment:**N**

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note**: for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: **N**

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
TaD—Tarrant Soils, rolling Eckrant	30 inches	Moderately slow	0.5/ hr	D

Section 9. Effluent Monitoring Data (Instructions Page 71)

Is the facility in operation?

☐ Yes ☒ No

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

Date	30 Day Avg Flow MGD	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 72)

Section 2. Edwards Aquifer (Instructions Page 73)

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Subsurface Application (Instructions Page 74)

Section 2. Edwards Aquifer (Instructions Page 74)

If yes to either question, the subsurface system may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL (SADDS) LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** subsurface area drip dispersal system permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **meets** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Administrative Information (Instructions Page 75)

A. Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility:

B. Hudson Bend at Lake Travis, LLC. Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?

☒ Yes ☐ No

If **no**, provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.

Click to enter text.

C. Owner of the subsurface area drip dispersal system: Hudson Bend at Lake Travis, LLC.

D. Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?

☒ Yes ☐ No

If **no**, identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.

Click to enter text.

E. Owner of the land where the subsurface area drip dispersal system is located: Hudson Bend at Lake Travis, LLC.

F. Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

☒ Yes ☐ No

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Click to enter text.

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 75)

A. Type of system

☒ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click to enter text.

B. Irrigation operations

Application area, in acres: 3.2

Infiltration Rate, in inches/hour: 0.5

Average slope of the application area, percent (%): 3 to 5

Maximum slope of the application area, percent (%): 10

Storage volume, in gallons: 46,500

Major soil series: TaD

Depth to groundwater, in feet: greater than 6.6 feet

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)?

☒ Yes ☐ No

If yes, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day.

Is the facility located **east** of the boundary shown in *30 TAC § 222.83* **or** in any part of the state when the vegetative cover is any crop other than non-native grasses?

☐ Yes ☒ No

If **yes**, the facility must use the formula in *30 TAC §222.83* to calculate the maximum hydraulic application rate.

Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director?

☐ Yes ☒ No

Hydraulic application rate, in gal/square foot/day: 0.1

Nitrogen application rate, in lbs/gal/day: Click to enter text.

D. Dosing information

Number of doses per day: One

Dosing duration per area, in hours: To be determined

Rest period between doses, in hours: To be determined

Dosing amount per area, in inches/day: To be determined

Number of zones: 10

Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop?

☐ Yes ☒ No

If **yes**, provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting.

Attachment: Click to enter text.

Section 3. Required Plans (Instructions Page 75)

A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in *30 TAC §222.79*.

Attachment: O

B. Soil evaluation

Attach a Soil Evaluation with all information required in *30 TAC §222.73*.

Attachment: **N**

C. Site preparation plan

Attach a Site Preparation Plan with all information required in *30 TAC §222.75*.

Attachment: **F**

D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in *30 TAC §222.157*.

Attachment: **N**

Section 4. Floodway Designation (Instructions Page 76)

A. Site location

Is the existing/proposed land application site within a designated floodway?

☐ Yes ☒ No

B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

Attachment: **I**

Section 5. Surface Waters in the State (Instructions Page 76)

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

Attachment: **F**

B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

☐ Yes ☒ No

If yes, then attach the additional information required in *30 TAC § 222.81(c).*

Attachment: Click to enter text.

Section 6. Edwards Aquifer (Instructions Page 76)

A. Is the SADDS located over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

☐ Yes ☒ No

B. Is the SADDS located over the Edwards Aquifer Transition Zone as mapped by TCEQ?

☐ Yes ☒ No

If yes to either question, then the SADDS may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

The following **is required** for facilities with a permitted or proposed flow of **1.0 MGD or greater**, facilities with an approved **pretreatment** program, or facilities classified as a **major** facility. See instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 78)

Table 4.0(1) – Toxics Analysis

Section 2. Priority Pollutants

Table 4.0(2)A – Metals, Cyanide, and Phenols

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Antimony				5
Arsenic				0.5
Beryllium				0.5
Cadmium				1
Chromium (Total)				3
Chromium (Hex)				3
Chromium (Tri) **(*1)**				N/A
Copper				2
Lead				0.5
Mercury				0.005
Nickel				2
Selenium				5
Silver				0.5
Thallium				0.5
Zinc				5
Cyanide **(*2)**				10
Phenols, Total				10

(*1) Determined by subtracting hexavalent Cr from total Cr.

(*2) Cyanide, amenable to chlorination or weak-acid dissociable

Table 4.0(2)B – Volatile Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrolein				50
Acrylonitrile				50
Benzene				10
Bromoform				10
Carbon Tetrachloride				2
Chlorobenzene				10
Chlorodibromomethane				10
Chloroethane				50
2-Chloroethylvinyl Ether				10
Chloroform				10
Dichlorobromomethane [Bromodichloromethane]				10
1,1-Dichloroethane				10
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
1,2-Dichloropropane				10
1,3-Dichloropropylene [1,3-Dichloropropene]				10
1,2-Trans-Dichloroethylene				10
Ethylbenzene				10
Methyl Bromide				50
Methyl Chloride				50
Methylene Chloride				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Toluene				10
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
Vinyl Chloride				10

Table 4.0(2)C – Acid Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
2-Chlorophenol				10
2,4-Dichlorophenol				10
2,4-Dimethylphenol				10
4,6-Dinitro-o-Cresol				50
2,4-Dinitrophenol				50
2-Nitrophenol				20
4-Nitrophenol				50
P-Chloro-m-Cresol				10
Pentalchlorophenol				5
Phenol				10
2,4,6-Trichlorophenol				10

Table 4.0(2)D – Base/Neutral Compounds

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acenaphthene				10
Acenaphthylene				10
Anthracene				10
Benzidine				50
Benzo(a)Anthracene				5
Benzo(a)Pyrene				5
3,4-Benzofluoranthene				10
Benzo(ghi)Perylene				20
Benzo(k)Fluoranthene				5
Bis(2-Chloroethoxy)Methane				10
Bis(2-Chloroethyl)Ether				10
Bis(2-Chloroisopropyl)Ether				10
Bis(2-Ethylhexyl)Phthalate				10
4-Bromophenyl Phenyl Ether				10
Butyl benzyl Phthalate				10
2-Chloronaphthalene				10
4-Chlorophenyl phenyl ether				10
Chrysene				5
Dibenzo(a,h)Anthracene				5
1,2-(o)Dichlorobenzene				10
1,3-(m)Dichlorobenzene				10
1,4-(p)Dichlorobenzene				10
3,3-Dichlorobenzidine				5
Diethyl Phthalate				10
Dimethyl Phthalate				10
Di-n-Butyl Phthalate				10
2,4-Dinitrotoluene				10
2,6-Dinitrotoluene				10
Di-n-Octyl Phthalate				10
1,2-Diphenylhydrazine (as Azo-benzene)				20
Fluoranthene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Fluorene				10
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclo-pentadiene				10
Hexachloroethane				20
Indeno(1,2,3-cd)pyrene				5
Isophorone				10
Naphthalene				10
Nitrobenzene				10
N-Nitrosodimethylamine				50
N-Nitrosodi-n-Propylamine				20
N-Nitrosodiphenylamine				20
Phenanthrene				10
Pyrene				10
1,2,4-Trichlorobenzene				10

Table 4.0(2)E – Pesticides

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Aldrin				0.01
alpha-BHC (Hexachlorocyclohexane)				0.05
beta-BHC (Hexachlorocyclohexane)				0.05
gamma-BHC (Hexachlorocyclohexane)				0.05
delta-BHC (Hexachlorocyclohexane)				0.05
Chlordane				0.2
4,4-DDT				0.02
4,4-DDE				0.1
4,4,-DDD				0.1
Dieldrin				0.02
Endosulfan I (alpha)				0.01
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Endrin Aldehyde				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
PCB-1242				0.2
PCB-1254				0.2
PCB-1221				0.2
PCB-1232				0.2
PCB-1248				0.2
PCB-1260				0.2
PCB-1016				0.2
Toxaphene				0.3

* For PCBS, if all are non-detects, enter the highest non-detect preceded by a “<”.

Section 3. Dioxin/Furan Compounds

Table 4.0(2)F – Dioxin/Furan Compounds

Compound	Toxic Equivalency Factors	Wastewater Concentration (ppq)	Wastewater Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Equivalents (ppt)	MAL (ppq)
2,3,7,8 TCDD	1					10
1,2,3,7,8 PeCDD	0.5					50
2,3,7,8 HxCDDs	0.1					50
1,2,3,4,6,7,8 HpCDD	0.01					50
2,3,7,8 TCDF	0.1					10
1,2,3,7,8 PeCDF	0.05					50
2,3,4,7,8 PeCDF	0.5					50
2,3,7,8 HxCDFs	0.1					50
2,3,4,7,8 HpCDFs	0.01					50
OCDD	0.0003					100
OCDF	0.0003					100
PCB 77	0.0001					0.5
PCB 81	0.0003					0.5
PCB 126	0.1					0.5
PCB 169	0.03					0.5
Total						

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

Section 1. Required Tests (Instructions Page 88)

Section 2. Toxicity Reduction Evaluations (TREs)

Section 3. Summary of WET Tests

Table 5.0(1) Summary of WET Tests

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

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

Section 1. All POTWs (Instructions Page 89)

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

Table 6.0(1) – Parameters Above the MAL

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

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ
IUC Permits Team
Radioactive Materials Division
MC-233
PO Box 13087
Austin, Texas 78711-3087
512-239-6466

For TCEQ Use Only
Reg. No._____
Date Received_____
Date Authorized_____

Section 1. General Information (Instructions Page 92)

Section 2. Proposed Down Hole Design

Table 7.0(1) – Down Hole Design Table

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Section 4. Site Hydrogeological and Injection Zone Data

Section 5. Site History

Attachment A
Core Data
Plain Language Summary
Payment Voucher

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

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

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

☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	**3. Regulated Entity Reference Number** *(if issued)*
CN 604736231		**RN 101522142**

SECTION II: Customer Information

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

☐ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name *(If an individual, print last name first: eg: Doe, John)* — *If new Customer, enter previous Customer below:*

Hudson Bend at Lake Travis, LLC

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
0802076550		47-2043299	

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☐ Other ☐ Sole Proprietorship ☐ Other:

12. Number of Employees
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ **Yes** ☐ **No**

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:	Hudson Bend at Lake Travis, LLC							
	P.O.Box 325							
	City	Roxton	**State**	TX	**ZIP**	75477	**ZIP + 4**	0325

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	michaelmvick@gmail.com

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(512) 940-5585		( ) -

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.)*

HUDSON HARBOR WWTP

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	6409 Hudson Bend Road							
	City	Austin	**State**	TX	**ZIP**	78734	**ZIP + 4**	1336
24. County	Travis							

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

25. Description to Physical Location:					
26. Nearest City			**State**		**Nearest ZIP Code**

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:	30.428561		**28. Longitude (W) In Decimal:**	-97.923438	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds

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

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

34. Mailing Address:	**Hudson Bend at Lake Travis, LLC**							
	P.O.Box 325							
	City	**Roxton**	**State**	**TX**	**ZIP**	**75477**	**ZIP + 4**	**325**
35. E-Mail Address:	**michaelmvick@gmail.com**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(512) 940-5585		( ) -

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	14227			

SECTION IV: Preparer Information

40. Name:	Robert Thonhoff Jr, P.E.	41. Title:	Consultant
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512) 328-6736		(512) 328-6848	bob.thonhoff@wtcinc.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:	Hudson Bend at Lake Travis, LLC.	**Job Title:**	Manager
Name *(In Print):*	Michael M. Vick	**Phone:**	(512) 940- 5585
Signature:	Michael M. Vick	**Date:**	May 25, 2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

Applicants should use this template to develop a plain language summary as required by 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.

Hudson Bend at Lake Travis, LLC (CN 604736231) operates Hudson Harbor WWTP (RN101522142), a wastewater treatment facility. The facility is located at 6409 Hudson Bend Road, in Austin, Travis County, Texas 78734. The renewal of an application to dispose of treated domestic wastewater effluent at a daily average flow not to exceed 0.014 million gallons per day (MGD) via public access subsurface drip irrigation system with a minimum area of 3.2 acres of public access land .

This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain less than 20mg/l biochemical oxygen demand (BOD), 20mg/l total dissolved solids (TSS) and 126 E.Coli CFU MPN/ 100 ml . Domestic wastewater is treated by the activated sludge process followed by clarification and disinfection. Wastewater enters the treatment system and enters the trash tank / equalization basin / lift station, then aeration basins, then clarifiers, then disinfecting, then effluent

storage basin. The effluent pump station pumps water through the effluent filters before being routed to the subsurface drain fields. Waste sludge is removed directly from the aeration basin and hauled off site for further treatment and disposal.

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

AGUAS RESIDUALES Introduzca 'INDUSTRIALES' o 'DOMÉSTICAS' aquí **/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.

Hudson Bend en Lake Travis, LLC (CN 604736231) opera la planta Hudson Harbor (RN101522142), una planta de tratamiento de aguas residuales. La planta está ubicada en la calle Hudson Bend Núm. 6409, Austin, en el Condado de Travis, Texas 78734. La renovación de una solicitud para desechar aguas residuales domésticas tratadas a un flujo promedio diario que no exceda los 0.014 millones de galones por día (MGD) se realizará a través de un sistema de riego por goteo subterráneo con un área mínima de 3.2 acres de terreno de acceso público.

Este permiso no autorizará una descarga de contaminantes en el agua del estado.

Se espera que las descargas de la instalación contengan menos de 20 mg/l de demanda bioquímica de oxígeno (DBO), 20 mg/l de sólidos totales disueltos (STD) y 126 E. coli UFC MPN/100 ml. Las aguas residuales domésticas son tratadas mediante el proceso de lodos activados, seguido de clarificación y desinfección. Las aguas residuales ingresan al sistema de tratamiento y pasan por el tanque de basura/balsa de igualación/estación de bombeo, luego a las balsas de aireación, después a los clarificadores, posteriormente a la desinfección y, finalmente, a la balsa de almacenamiento de efluentes. La estación de bombeo de efluentes bombea agua a través de los filtros de efluentes antes de ser dirigida a los campos de drenaje subterráneos. Los lodos residuales se retiran directamente de la balsa de aireación y se transportan fuera del sitio para un tratamiento y eliminación adicionales.

INSTRUCTIONS

1. Enter the name of applicant in this section. The applicant name should match the name associated with the customer number.
2. Enter the Customer Number in this section. Each Individual or Organization is issued a unique 11-digit identification number called a CN (e.g. CN123456789).
3. Choose “operates” in this section for existing facility applications or choose “proposes to operate” for new facility applications.
4. Enter the name of the facility in this section. The facility name should match the name associated with the regulated entity number.
5. Enter the Regulated Entity number in this section. Each site location is issued a unique 11-digit identification number called an RN (e.g. RN123456789).
6. Choose the appropriate article (a or an) to complete the sentence.
7. Enter a description of the facility in this section. For example: steam electric generating facility, nitrogenous fertilizer manufacturing facility, etc.
8. Choose “is” for an existing facility or “will be” for a new facility.
9. Enter the location of the facility in this section.
10. Enter the City nearest the facility in this section.
11. Enter the County nearest the facility in this section.
12. Enter the zip code for the facility address in this section.
13. Enter a summary of the application request in this section. For example: renewal to discharge 25,000 gallons per day of treated domestic wastewater, new application to discharge process wastewater and stormwater on an intermittent and flow-variable basis, or major amendment to reduce monitoring frequency for pH, etc. If more than one outfall is included in the application, provide applicable information for each individual outfall.
14. List all pollutants expected in the discharge from this facility in this section. If applicable, refer to the pollutants from any federal numeric effluent limitations that apply to your facility.
15. Enter the discharge types from your facility in this section (e.g., stormwater, process wastewater, once through cooling water, etc.)
16. Choose the appropriate verb tense to complete the sentence.
17. Enter a description of the wastewater treatment used at your facility. Include a description of each process, starting with initial treatment and finishing with the outfall/point of disposal. Use additional lines for individual discharge types if necessary.

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.

Example

Individual Industrial Wastewater Application

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

ABC Corporation (CN600000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

This application is for a renewal to discharge 870,000,000 gallons per day of once through cooling water, auxiliary cooling water, and also authorizes the following waste streams monitored inside the facility (internal outfalls) before it is mixed with the other wastewaters authorized for discharge via main Outfall 001, referred to as "previously monitored effluents" (low-volume wastewater, metal-cleaning waste, and stormwater (from diked oil storage area yards and storm drains)) via Outfall 001. Low-volume waste sources, metal-cleaning waste, and stormwater drains on a continuous and flow-variable basis via internal Outfall 101.

The discharge of once through cooling water via Outfall 001 and low-volume waste and metal-cleaning waste via Outfall 101 from this facility is subject to federal effluent limitation guidelines at 40 CFR Part 423. The pollutants expected from these discharges based on 40 CFR Part 423 are: free available chlorine, total residual chlorine, total suspended solids, oil and grease, total iron, total copper, and pH. Temperature is also expected from these discharges. Additional potential pollutants are included in the Industrial Wastewater Application Technical Report, Worksheet 2.0.

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN600000000, PWS 00000) supplies the facility's potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

Low-volume wastewater from blowdown of boiler Units 1 and 2 and metal-cleaning wastes receive no treatment prior to discharge via Outfall 101. Plant floor and equipment drains and stormwater runoff from diked oil storage areas, yards, and storm drains are routed through an oil and water separator prior to discharge via Outfall 101. Domestic wastewater, blowdown, and backwash water from the service water filter, clarifier, and sand filter are routed to the Starr Creek Domestic Sewage Treatment Plant, TPDES Permit No. WQ0010000001, for treatment and disposal. Metal-cleaning waste from equipment cleaning is generally disposed of off-site.

Your transaction is complete. Thank you for using TCEQ ePay.

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt and the vouchers for your records. An email receipt has also been sent.

Transaction Information

Trace Number:	582EA000612109
Date:	05/30/2024 08:33 AM
Payment Method:	CC - Authorization 000009375G
ePay Actor:	BARBARA JOHNSON
Actor Email:	barbara.johnson@wtcinc.com
IP:	70.116.216.6
TCEQ Amount:	$315.00
Texas.gov Price:	$322.34*

* This service is provided by Texas.gov, the official website of Texas. The price of this service includes funds that support the ongoing operations and enhancements of Texas.gov, which is provided by a third party in partnership with the State.

Payment Contact Information

Name:	ROBERT H THONHOFF JR
Company:	WTC INC
Address:	1301 CAPITAL OF TX HWY S, AUSTIN, TX 78746
Phone:	512-328-6736

Cart Items

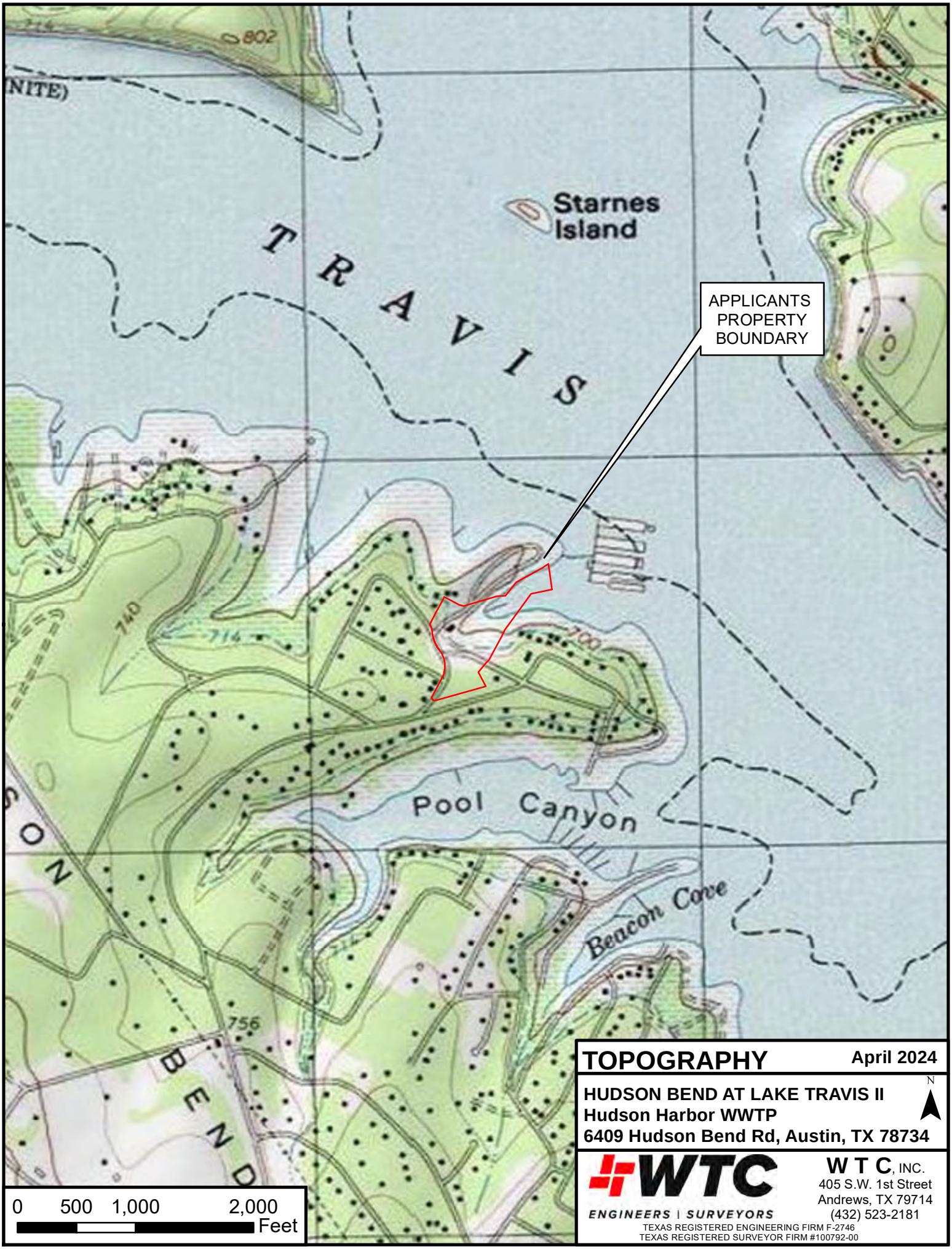
Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
707361	WW PERMIT - FACILITY WITH FLOW < .05 MGD - RENEWAL		$300.00
707362	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		$15.00
		TCEQ Amount:	$315.00

ePay Again | Exit ePay

Note: It may take up to 3 working days for this electronic payment to be processed and be reflected in the TCEQ ePay system. Print this receipt for your records.

Attachment B
Maps



TOPOGRAPHY

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

SURFACE WATERS

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
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WTC
ENGINEERS | SURVEYORS
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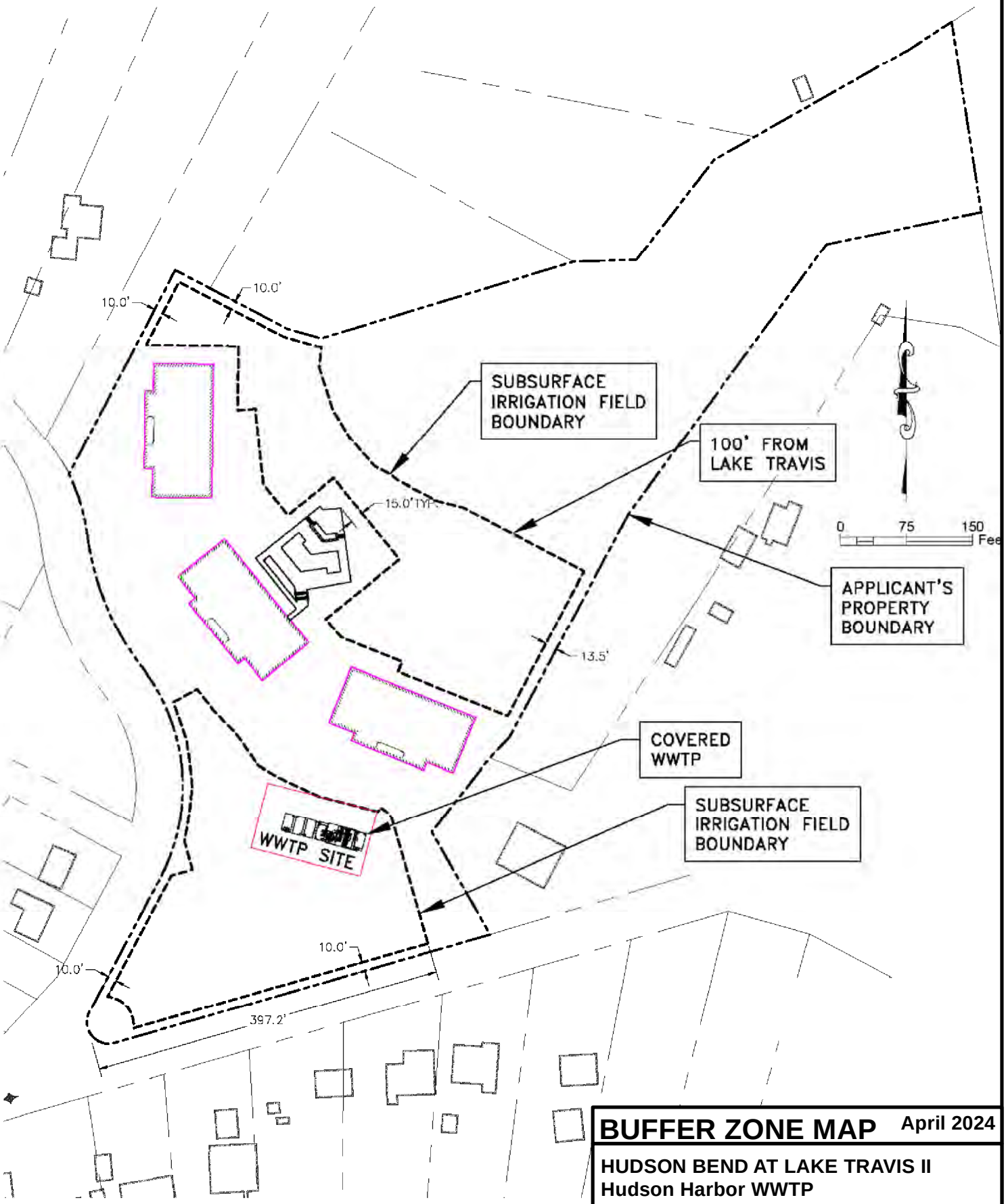

BUFFER ZONE MAP

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

WTC, INC.
ENGINEERS | SURVEYORS
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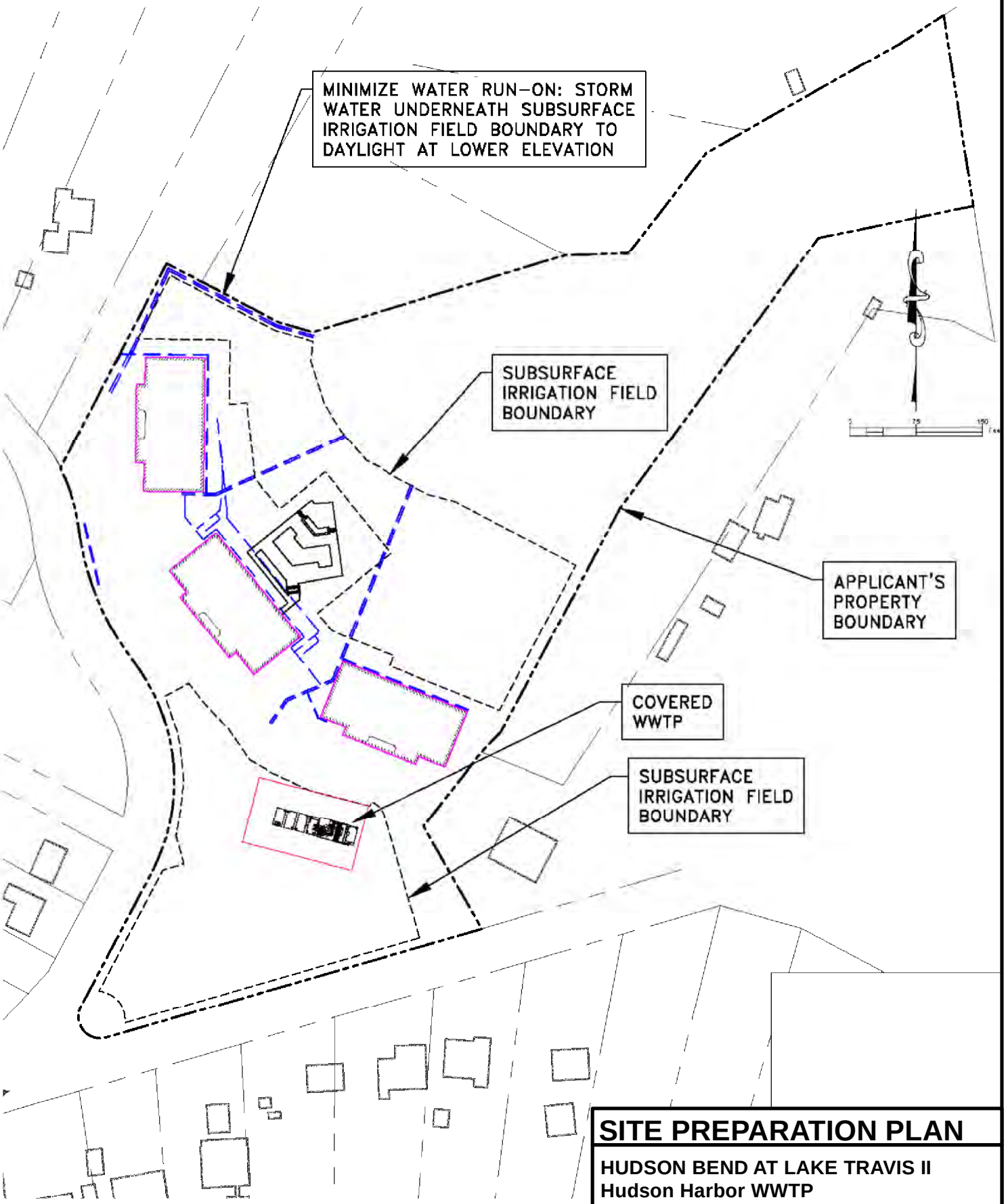

SITE PREPARATION PLAN

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
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WTC
ENGINEERS | SURVEYORS
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Attachment C
Affected Landowners

AFFECTED LANDOWNERS

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS
W T C, INC.
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(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

LANDOWNERS CROSS-REFERENCED TO AFFECTED LANDOWNER'S MAP

LABEL #	PROPERTY ID	GEO ID	OWNER NAME	MAILING ADDRESS
P1	165343	164580813	PRICE WILLIAM E JR	16131 LAKE TRAVIS DR. AUSTIN TX 78734-1309
P2	165344	164580814	KLUG R B & ELISE ORMAN	16127 LAKE TRAVIS DR. AUSTIN TX 78734-1309
P3	165345	164580815	COOK SHARON	16125 LAKE TRAVIS DR. AUSTIN TX 78734-1309
P4	165346	164580816	WEYAND CATHERINE H & LOUIS O	16115 LAKE TRAVIS DR. AUSTIN TX 78734-1309
P5	424191	164580826	CAIN RHONDA TERRI & RALPH D	16111 LAKE TRAVIS DR. AUSTIN TX 78734-1309
P6	165324	164580712	CLARK PATTI S	PO BOX 1306 DRIPPING SPRINGS, TX 78620-1306
P7	165323	164580711	HAYES GERARD ENDA	6300 HUDSON BEND ROAD AUSTIN , TX 78734-1335
P8	165322	164580710	ZAFAR SYED	PO BOX 2632 CEDAR PARK, TX 78630-2632
P9	165321	164580709	ZAFAR SYED & ZEHRA ZAFAR	PO BOX 2632 CEDAR PARK, TX 78630-2632
P10	165292	164580206	CLARK PATTI S	PO BOX 1306 DRIPPING SPRINGS, TX 78620
P11	565607	164580533	EDWARDS BYRON LLC	15007 GENERAL WILLIAMSON DR. AUSTIN, TX 78734-2323
P12	696112	164580534	LE INVESTMENTS LLC	1401 MCKINNEY ST STE 900 HOUSTON, TX 77010-4035
P13	458085	164580528	MCCARTHY JOHN J & ANDREA P	16200 E. LAKESHORE DR. #B AUSTIN, TX 78734-1126
P14	736272	166580135	LAKE TRAVIS LODGES MARINA ASSOCIATION INC	P.O.BOX 4579 DEPT 439, HOUSTON, TX 77210-4579
P15	424254	166580128	LAKE TRAVIS LODGES MARINA ASSOCIATION INC	P.O.BOX 1689 CEDAR PARK, TX 78630-1689
P16	868440	159570901	THE HUDSON ONE LLC	P.O.BOX 325 ROXTON, TX 75477-0325
P17	367304	164580524	16100 LAKE TRAVIS LLC	16100 LAKE TRAVIS DR AUSTIN TX 78734-1310

WILLIAM E PRICE JR
16131 LAKE TRAVIS DR.
AUSTIN TX 78734-1309

RB KLUG & ELISE ORMAN
16127 LAKE TRAVIS DR.
AUSTIN TX 78734-1309

SHARON COOK
16125 LAKE TRAVIS DR.
AUSTIN TX 78734-1309

CATHERINE H & LOUIS WEYAND
16115 LAKE TRAVIS DR.
AUSTIN TX 78734-1309

RHONDA TERRI & RALPH D CAIN
16111 LAKE TRAVIS DR.
AUSTIN TX 78734-1309

PATTI S CLARK
PO BOX 1306
DRIPPING SPRINGS, TX 78620-1306

GERARD ENDA HAYES
6300 HUDSON BEND ROAD
AUSTIN , TX 78734-1335

SYEDV ZAFAR
PO BOX 2632
CEDAR PARK, TX 78630-2632

SYEDV ZAFAR & ZEHRA ZAFAR
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BYRON EDWARDS LLC
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AUSTIN, TX 78734-2323

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LAKE TRAVIS LODGES MARINA
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HOUSTON, TX 77210-4579

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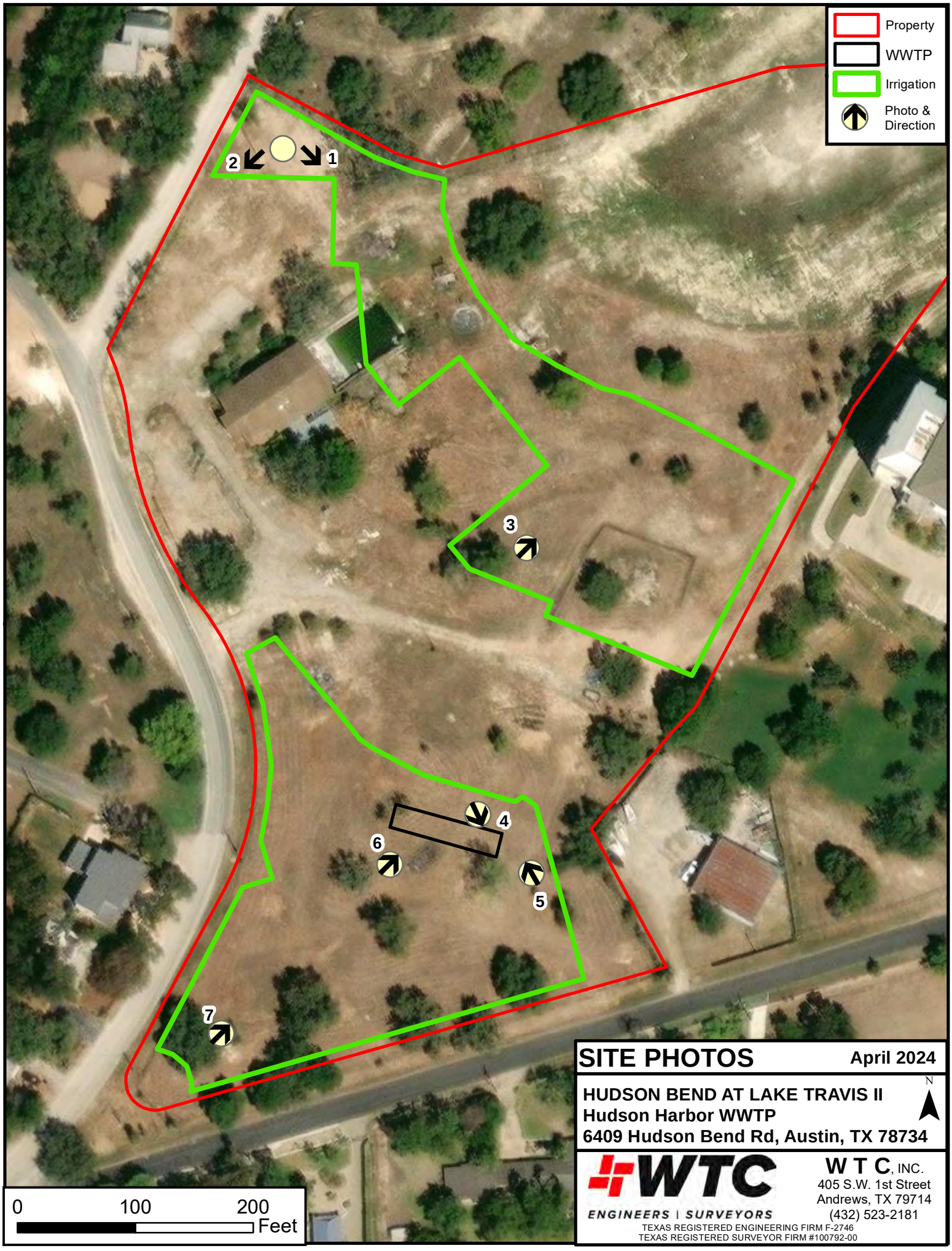
Attachment D
Photographs



SITE PHOTOS

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC, INC.
ENGINEERS | SURVEYORS
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

PHOTO 1 April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

W T C, INC.
405 S.W. 1st Street
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(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

PHOTO 2

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

PHOTO 3 **April 2024**

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

PHOTO 4 April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

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(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

PHOTO 5 April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

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TEXAS REGISTERED ENGINEERING FIRM F-2746
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PHOTO 6 April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

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TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

PHOTO 7 April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
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N

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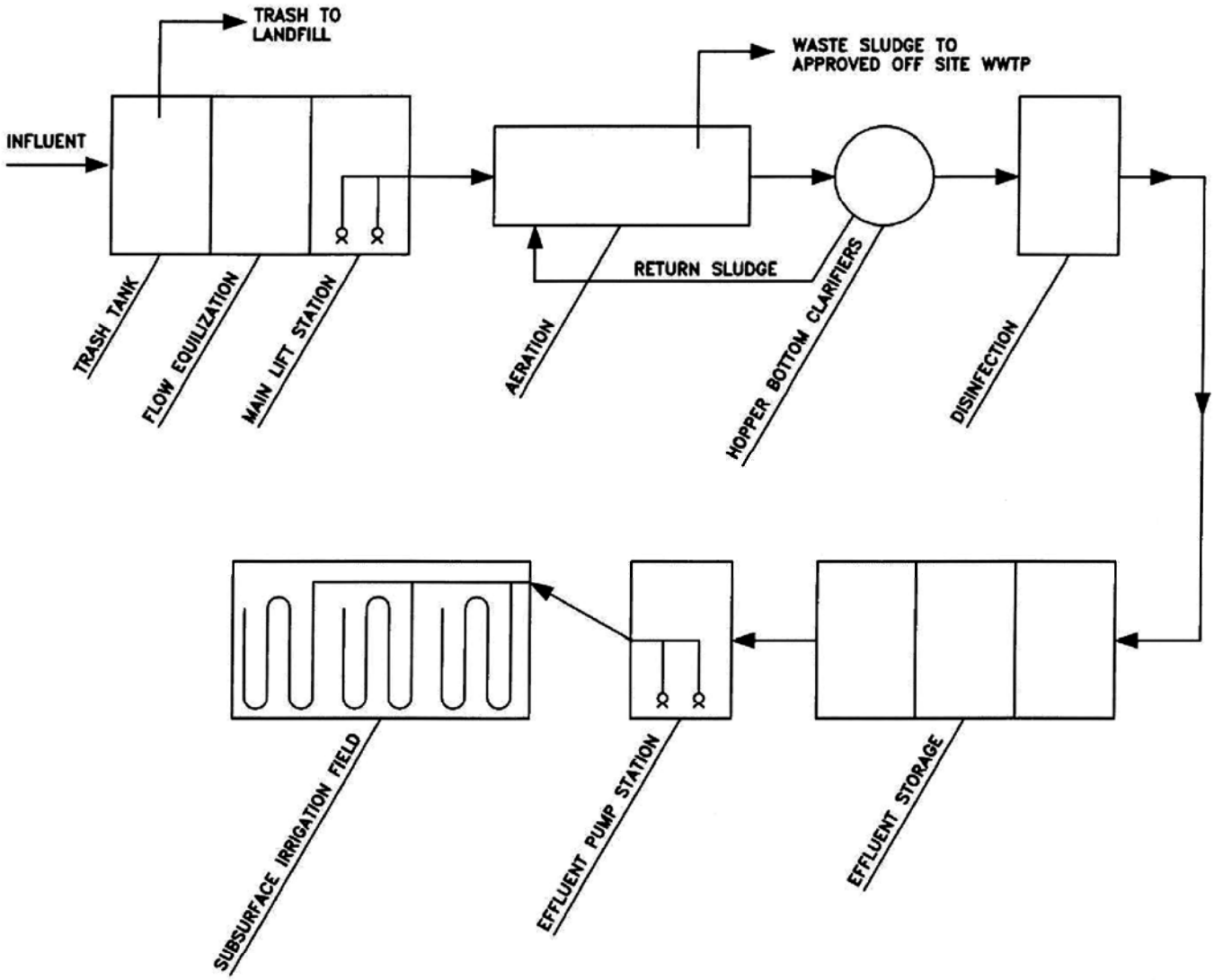
Attachment E
Process Flow Diagram

FLOW DIAGRAM



FLOW DIAGRAM

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

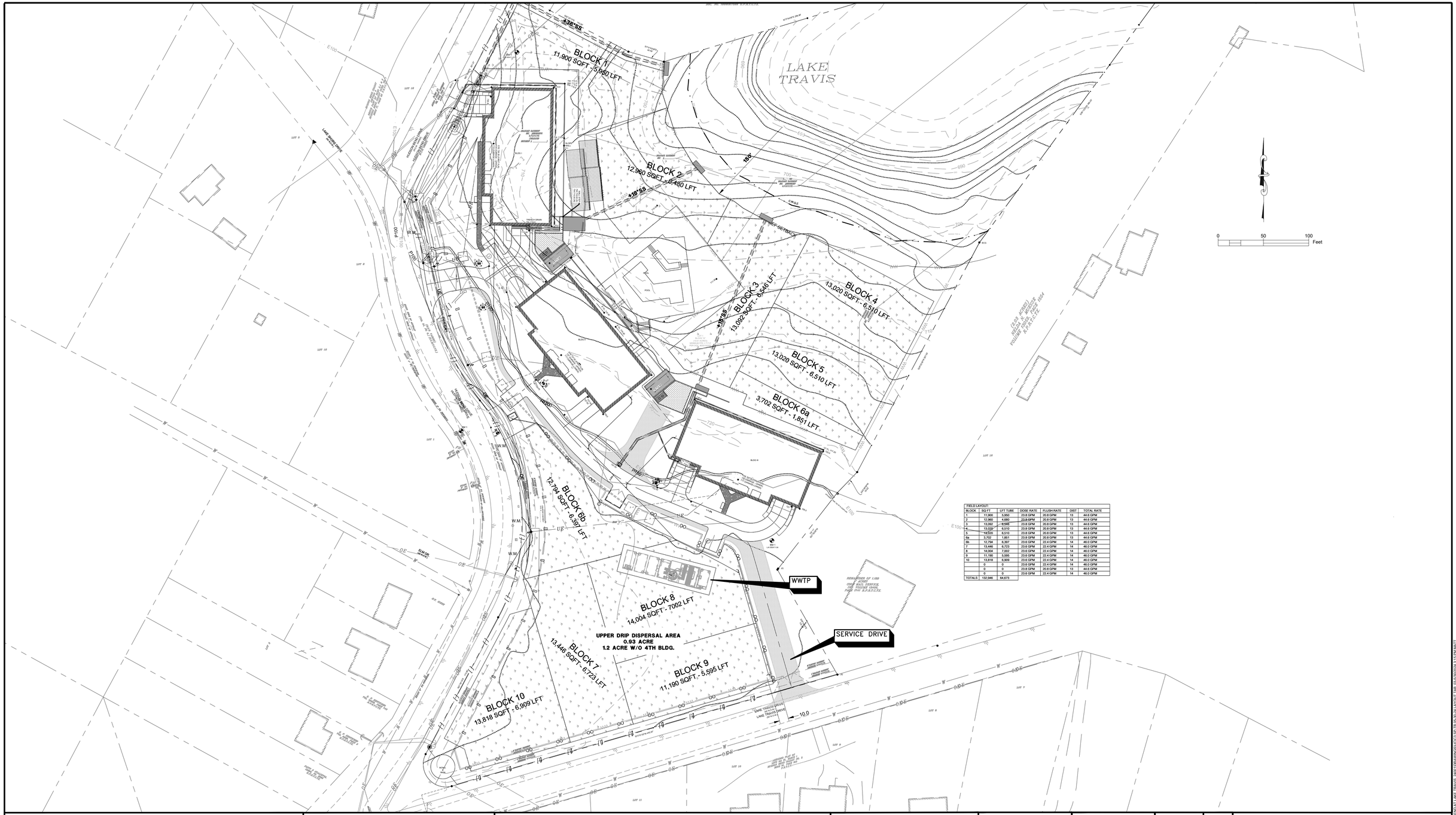
N

WTC ENGINEERS | SURVEYORS

W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

Attachment F
Site Drawings



FIELD LAYOUT:						
BLOCK	SQ FT	LFT TUBE	DOSE RATE	FLUSH RATE	DIST	TOTAL RATE
1	11,900	5,950	23.8 GPM	20.8 GPM	13	44.6 GPM
2	12,960	4,680	23.8 GPM	20.8 GPM	13	44.6 GPM
3	13,002	6,546	23.8 GPM	20.8 GPM	13	44.6 GPM
4	13,020	6,510	23.8 GPM	20.8 GPM	13	44.6 GPM
5	13,020	6,510	23.8 GPM	20.8 GPM	13	44.6 GPM
6a	3,702	1,851	23.8 GPM	20.8 GPM	13	44.6 GPM
6b	12,794	6,397	23.6 GPM	22.4 GPM	14	46.0 GPM
7	13,446	6,723	23.6 GPM	22.4 GPM	14	46.0 GPM
8	14,004	7,002	23.6 GPM	22.4 GPM	14	46.0 GPM
9	11,190	5,595	23.6 GPM	22.4 GPM	14	46.0 GPM
10	13,818	6,909	23.6 GPM	22.4 GPM	14	46.0 GPM
	0	0	23.6 GPM	22.4 GPM	14	46.0 GPM
	0	0	23.8 GPM	20.8 GPM	13	44.6 GPM
	0	0	23.6 GPM	22.4 GPM	14	46.0 GPM
TOTALS	132,946	64,673				

WTC, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

ENGINEERS I SURVEYORS

LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE AND MAY NOT INCLUDE ALL UNDERGROUND UTILITIES PRESENT. CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITY CROSSINGS BEFORE EXCAVATION OF ROADWAY.

CONTRACTOR SHALL NOTIFY PROPERTY OWNERS AND RESIDENTS A MINIMUM OF 48 HOURS IN ADVANCE OF CONSTRUCTION ACTIVITIES ON OR IN THE VICINITY OF THEIR PROPERTY.

Before You Dig Anywhere In Texas
STOP! CALL 1-800-245-4545

TOLL-FREE OSHA RULE 1926.651
REQUIRES PREVIOUS
NOTIFICATION TEXAS ONE CALL
SYSTEM

LEGEND

BILL OF MATERIAL

ITEM	DESCRIPTION	QTY

PRELIMINARY
FOR INTERIM REVIEW ONLY.

THESE DOCUMENTS ARE FOR INTERIM REVIEW ONLY AND ARE NOT INTENDED FOR CONSTRUCTION PURPOSES.

THIS DOCUMENT IS RELEASED FOR REVIEW UNDER THE AUTHORITY OF ROBERT H. THONHOFF , JR., P.E. NO. 55674 ON May 16, 2024.

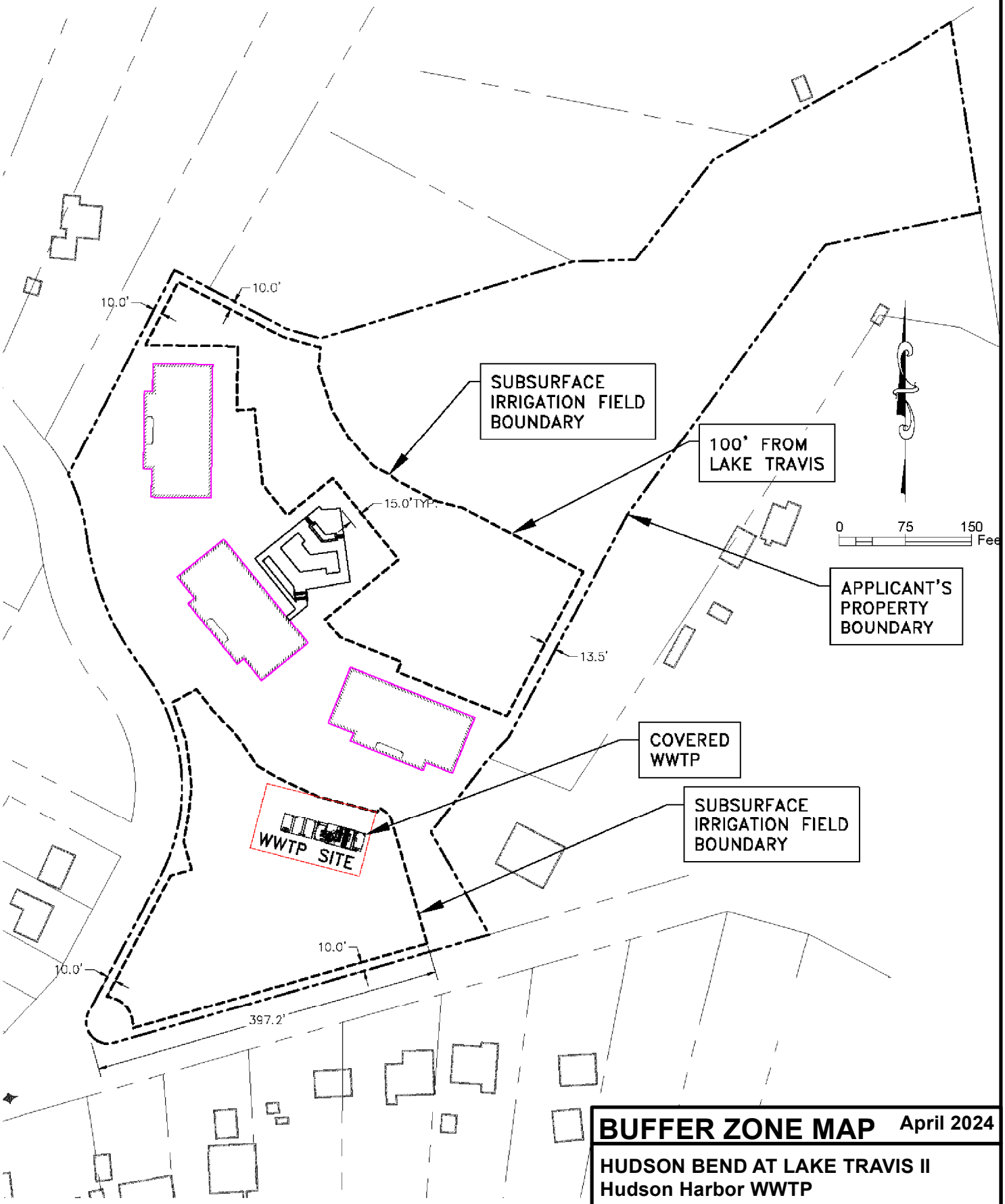
REVISION DESCRIPTION	REVISION	DATE

THE HUDSON ON LAKE TRAVIS II
WWTP & SUBSURFACE DISPOSAL

SITE PLAN

DESIGN	DRAWN	DATE	PROJECT NO.	SCALE	PAGE:
RHT	SMC	5/16/24	21004.1.100		C-3

PLAT: I:\SERVER\TCS NETWORK DRIVE\JOBS\HUDSON\BENCAT LAKE TRAVIS_2400\DRAWINGS\ACAD\3-SP-TB 05-02-24 LAYOUT TAB 03/05/2024 3:13 PM MATT



BUFFER ZONE MAP

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

WTC, INC.
ENGINEERS | SURVEYORS
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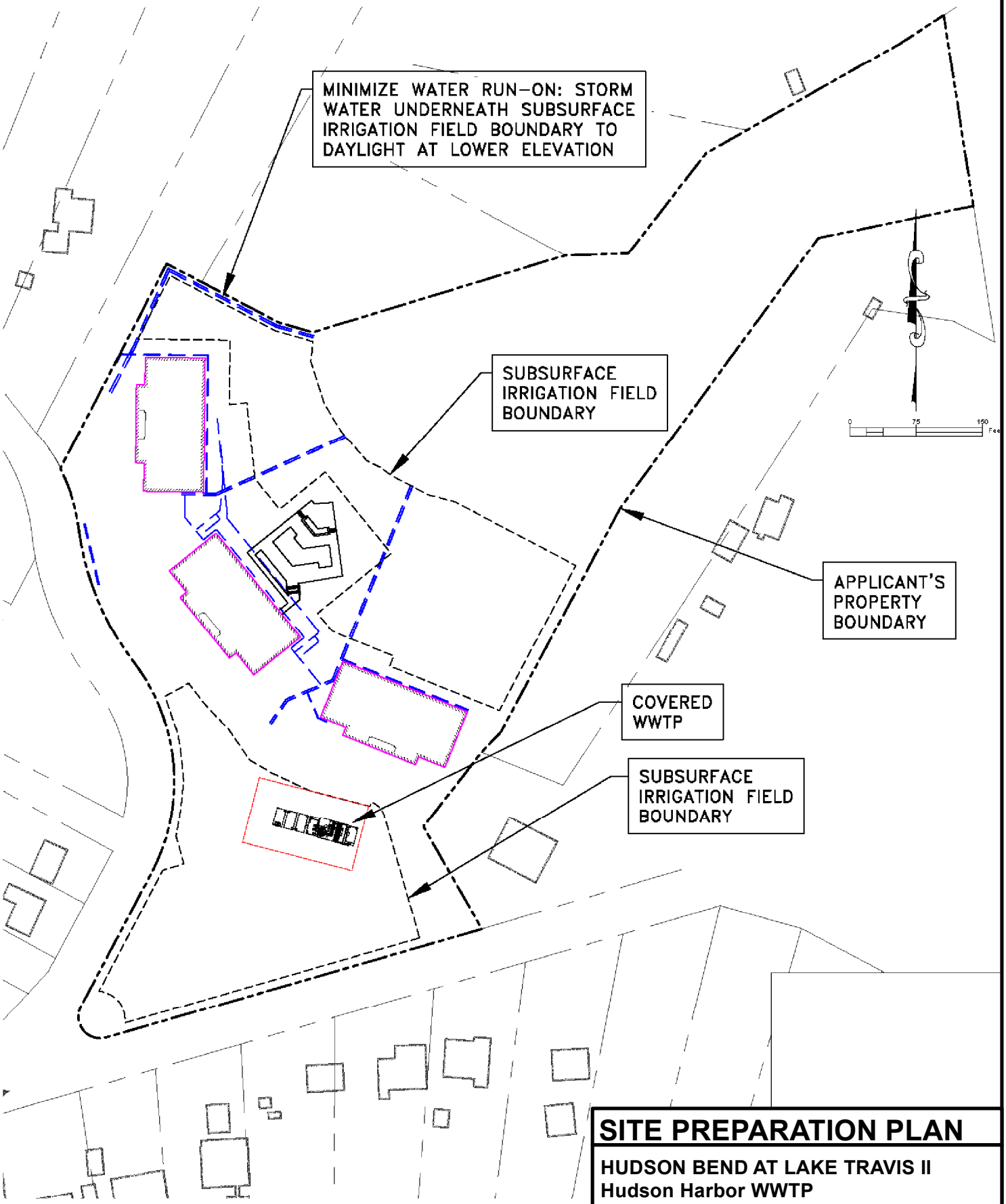

SITE PREPARATION PLAN

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

WTC, INC.
ENGINEERS | SURVEYORS
405 S.W. 1st Street
Andrews, TX 79714
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TEXAS REGISTERED ENGINEERING FIRM F-2746
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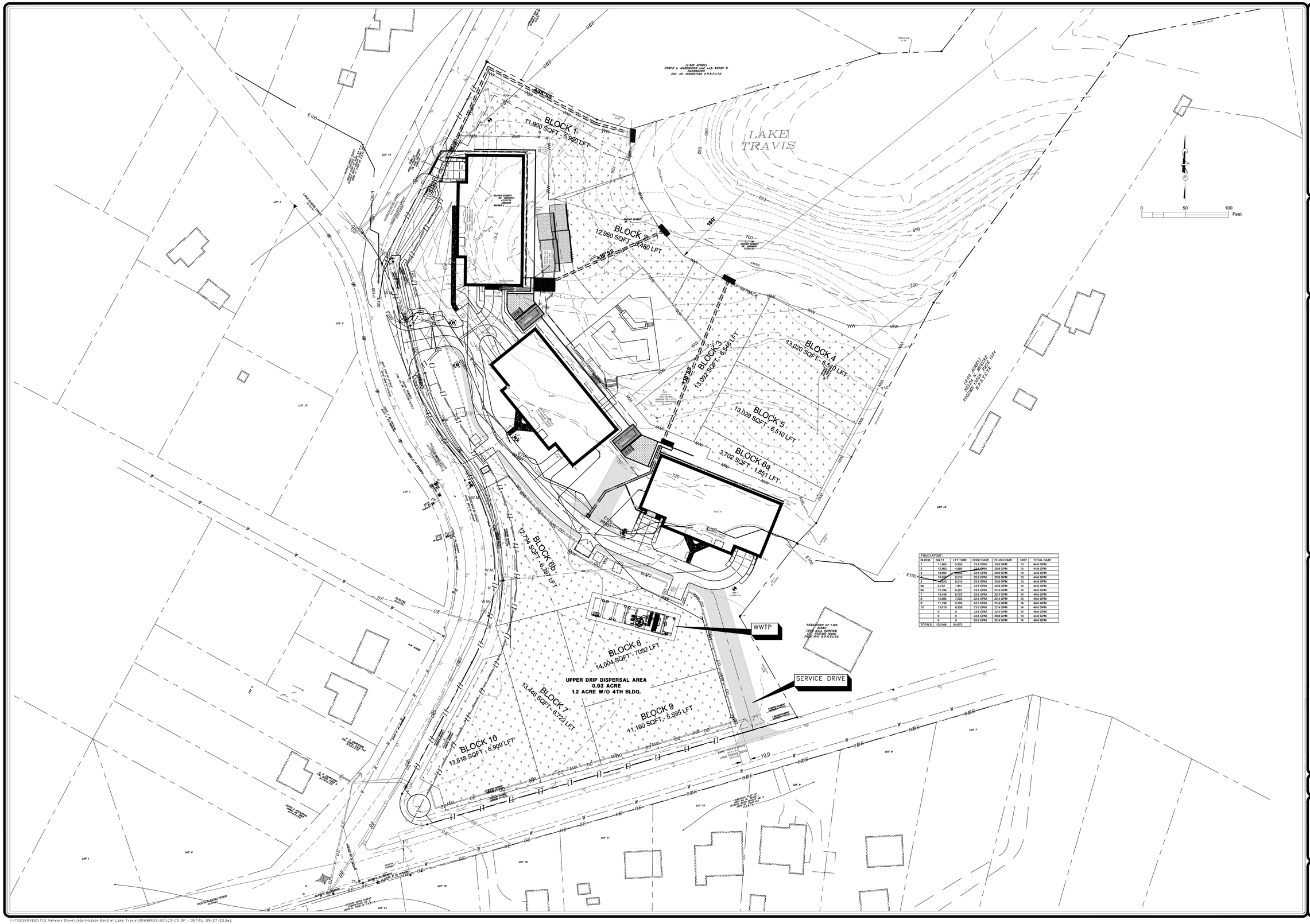

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BLOCK	SQ FT	LFT TUBE	DOSE RATE	FLUSH RATE	DIST	TOTAL RATE
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5	13,020	6,510	23.8 GPM	20.8 GPM	13	44.6 GPM
6a	3,702	1,851	23.8 GPM	20.8 GPM	13	44.6 GPM
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	0	0	23.6 GPM	22.4 GPM	14	46.0 GPM
TOTALS	132,946	64,673				

REVISIONS

THIS DOCUMENT IS RELEASED FOR REVIEW ONLY UNDER THE AUTHORITY OF ROBERT H. THONHOFF, JR., P.E. NO. 55674 ON 09/27/2023.

NOT FOR CONSTRUCTION

THONHOFF CONSULTING ENGINEERS, INC.
MUNICIPAL • ENVIRONMENTAL • WATER & WASTEWATER
FIRM REGISTRATION NO. F-002921
1301 CAPITAL OF TEXAS HWY. SOUTH SUITE A-236 AUSTIN, TEXAS 78746
(512) 328-6736 FAX (512) 328-6848

TRADITION ON LAKE TRAVIS II
WWTP AND SURFACE DISPOSAL

SITE PLAN

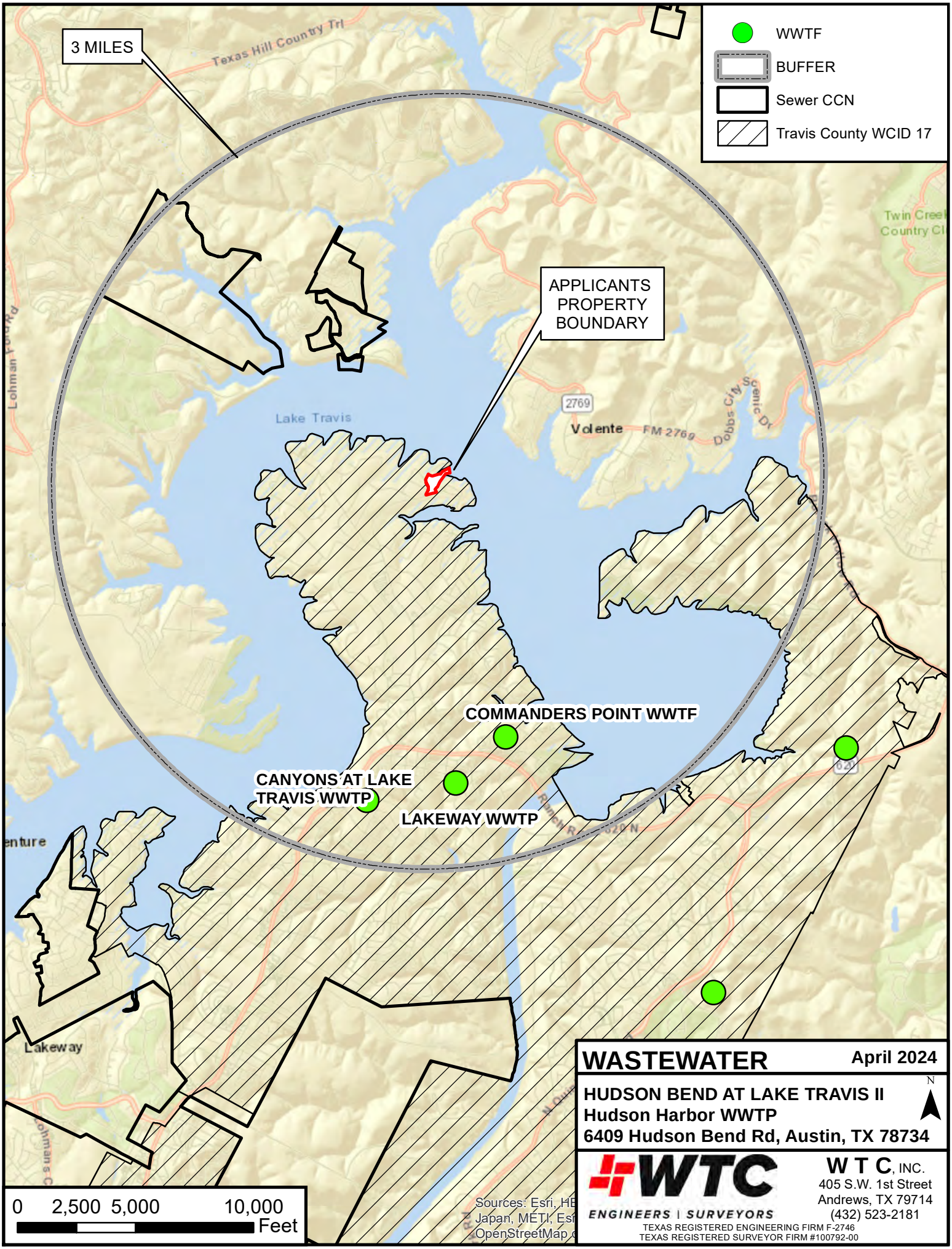
JOB NO. 21004.1.200

DESIGNED	RHT
DRAWN BY	DWE
APPROVED	RHT
DATE	SEP 2023
SCALE	AS NOTED

SHEET
C-3
REVISION NO.
DATE

\\TCESERVER\TCE Network Drive\Jobs\Hudson Bend at Lake Travis\DRAWINGS\UC\C3-C5 SP - DETAIL 09-27-23.dwg

Attachment G
Wastewater CCN



WASTEWATER

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC ENGINEERS | SURVEYORS

W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

Travis County WCID No. 17 CCN 20943			
Facility Name	**Wastewater Permit**	**RN**	**Permit Status**
LAKEWAY WWTP	WQ0016131001	111462917	Pending
CANYONS AT LAKE TRAVIS WWTP	WQ0013294002	104948773	Withdrawn
COMMANDERS POINT WWTF	WQ0013953001	101522720	Active

District Name: TRAVIS COUNTY WCID 17 (7963000)

Affiliations Documents

Responsible Party

Organization: **TRAVIS COUNTY WCID 17**
Address: **4811 ECK LANE**
AUSTIN , TX 78734-1222
Individual: **JEFFREY N ROBERTS**
Job Title: **PRESIDENT**
Phone: **(512) 266-1111 Ext:**

Customers

Reference Number	Name	Role
CN600669048	TRAVIS COUNTY WCID 17	RESPONSIBLE PARTY

Official Address / Phone

Address: **3812 ECK LN**
AUSTIN , TEXAS 78734-1613
Telephone: **(512) 266-1111**

Properties

CR Regulated Entity Number: **RN101428761**
CCEDS Status: **NO ACTIVE NOE EXISTS**
District Type: **WATER CONTROL AND IMPROVEMENT DISTRICT**
Creation Type: **COUNTY**
Primary County: **TRAVIS**
Financial Status: **AUDIT FILED**
Acre Size: **15753.49**

Directors: **5**

Closure: **Y**

Functions

Function	Entry Date
DRAINAGE	07/24/2001
EMINENT DOMAIN	07/24/2001
FLOOD CONTROL	07/24/2001
IRRIGATION	07/24/2001
SPECIAL LAW	03/12/2001
NAVIGATION	07/24/2001
RETAIL WASTEWATER	11/02/2000
SUPPLY TREATED OR RETAIL WATER	11/02/2000
SUPPLY RAW (UNTREATED) OR WHOLESALE WATER	07/24/2001
TAX BOND AUTHORITY	07/24/2001

Occurrences retrieved.

Associated Public Water Systems

PWS Name	PWSID	Status	CCN	Utility Name
TRAVIS COUNTY WCID 17	2270027	ACTIVE	12010	TRAVIS COUNTY WCID 17

Water System occurrences retrieved.

Associated Utility Systems

Utility Name	Status	CCN
TRAVIS COUNTY WCID 17	CCN CANCELLED	10305
TRAVIS COUNTY WCID 17	ACTIVE	10309
TRAVIS COUNTY WCID 17	ACTIVE	11578
TRAVIS COUNTY WCID 17	ACTIVE	12010
TRAVIS COUNTY WCID 17	ACTIVE	20943

Utility occurrences retrieved.

Counties

Code	County Name	Primary
227	TRAVIS	Y

Occurrences retrieved.

Activity

Creation Date: **12/08/1958**

Activity Status: **ACTIVE**

Last Registration Date: **01/15/2021**

Boundary Change Date: **12/18/1997**

Confirmation Date: **02/28/1959**

Run District Information Report

Central Registry Query - Customer Information

Customer Information

CN Number: CN600669048

Last Update Date: 02/25/2009

Name: TRAVIS COUNTY WCID 17 View Prior Names ...

Legal Name: Travis County Water Control and Improvement District 17

Customer Type: OTHER GOVERNMENT

The Customer Name displayed may be different than the Customer Name associated to the Additional IDs related to the customer. This name may be different due to ownership changes, legal name changes, or other administrative changes.

Affiliated Regulated Entities - Current

Your Search Returned **21** Current Affiliation Records (View Affiliation History ...)

1-21 of 21 Records

RN Number	Regulated Entity Name	County	Location	Role	Details
RN103926598	ADJ 5368	TRAVIS	NO LOCATION ON FILE	OWNER	
RN104948773	CANYONS AT LAKE TRAVIS WWTP	TRAVIS	APPROX 1,000 FT SW OF THE INTERSECTION OF HIGHLAND DR AND LAGO VISTA DR AND APPROX 500 FT SOUTH OF THE INTERSECTION OF IOWA ST AND PORT ARTHUR ST WITHIN THE CANYONS AT LAKE TRAVIS SUBDIVISION	OWNER	
RN103914990	COMANCHE CANYON RANCH WWTP	TRAVIS	6551 COMANCHE TRL AUSTIN TX 78732 1207	OWNER	

RN102763406	COMANCHE TRAIL WATER DISTRIBUTION IMPROVEMENTS	TRAVIS	ALONG COMANCHE TRAIL 620 TO LAKE TRAVIS	OWNER	
RN101522720	COMMANDERS POINT WWTF	TRAVIS	14610 MANSFIELD DAM CT AUSTIN TX 78734 2064	OWNER OPERATOR	
RN102177433	FLINTROCK WWTP	TRAVIS	INTX OF RR 620 AND LOHMANS SPUR ROAD IN TRAVIS COUNTY	OWNER	
RN105612220	HUDSON BEND AREA WATERLINE	TRAVIS	HUDSON BEND AREA GENERALLY N OF HWY 620	OPERATOR	
RN108302134	LAKE TRAVIS REGIONAL REUSE AND RECYCLING CENTER	TRAVIS	3207 NEIDHARDT DR AUSTIN TX 78734 2260	OWNER OPERATOR	
RN111462917	LAKEWAY WWTP	TRAVIS	APPROXIMATELY 1100 FT E OF THE INTERSECTION OF GENERAL WILLIAMSON DR AND FM 620	OPERATOR	
RN105480172	SERENE HILLS WASTEWATER FACILITIES	TRAVIS	N SIDE OF SH 71 4.1 MI W OF THE INTERSECTION OF SH 71 AND RR 620 1400 FT SW OF THE INTERSECTION OF FLINTROCK RD AND TOWCAWA TRAIL 1510 FT S OF THE INTERSECTION OF FLINTROCK RD AND SERENCE HILLS DRIVE LAKEWAY, TX	OWNER	
RN101227973	TRAVIS COUNTY WCID 17	TRAVIS	3812 ECK LN AUSTIN TX 78734 1613	OWNER OPERATOR	
RN102672193	TRAVIS COUNTY WCID 17	TRAVIS	RM 620 AND GENERAL WILLIAMSON DR RM 620 AND DEBBA DR	RESPONSIBLE PARTY	
RN101428761	TRAVIS COUNTY WCID 17	TRAVIS	E SIDE OF LAKE TRAVIS FROM 2222 TO TX HWY 71	RESPONSIBLE PARTY	
RN102676582	TRAVIS COUNTY WCID 17	TRAVIS	3812 ECK LN AUSTIN TX 78734 1613	OWNER OPERATOR, RESPONSIBLE PARTY	
RN105251748	TRAVIS COUNTY WCID 17 CLARA VAN AND STEWART ROAD AREA WATER LINE	TRAVIS	ON NW OF INTEX OF FM 620 & CLARA VAN	OPERATOR	

RN105265938	TRAVIS COUNTY WCID 17 COMMANDERS POINT AREA WATER LINE	TRAVIS	ON NE OF INTEX OF FM 620 & MANSFIELD DAM RD	OPERATOR	
RN107555328	TRAVIS COUNTY WCID 17 MS4	TRAVIS	AREA WITHIN THE CITY OF LAKEWAY LIMITS THAT IS LOCATED WITHIN THE CITY OF AUSTIN URBANIZED AREA	OPERATOR	
RN104397161	TRAVIS COUNTY WTP	TRAVIS	LOCATED AT N QUINLAN PARK RD APPROX 2 MILES S OF THE INTEX OF RR 620 AND QUINLAN PARK RD	OWNER	
RN109254870	WSC 13082	TRAVIS	NO LOCATION ON FILE	BUYER	
RN109258285	WSC 2439	TRAVIS	NO LOCATION ON FILE	BUYER	
RN109258301	WSC 2444	TRAVIS	NO LOCATION ON FILE	BUYER	

Last Modified 2022-04-04 - Production v2.1.5a

TCE
THONHOFF CONSULTING ENGINEERS, INC.
MUNICIPAL • ENVIRONMENTAL • WATER & WASTEWATER

June 2, 2023

Dear TCEQ:

Due to the large distance (approximately 3 miles) between this site and the next closest wastewater CCN, the cost to construct infrastructure is too great to justify the interconnection. Therefore, the onsite WWTP and subsurface disposal system is chosen as the most cost-effective alternative.

Sincerely yours,
THONHOFF CONSULTING ENGINEERS, INC.

Robert H. Thonhoff, Jr., P.E.
President

(512) 328-6736
TBPE Registration No.: F-002921
1301 CAPITAL OF TEXAS HWY. SOUTH, SUITE A-236
AUSTIN, TEXAS 78746

Attachment H
Design Calculations

The Hudson at Lake Travis II
Wastewater Treatment Plant

Design Calculations

Influent Quality Characteristics – The raw sewage characteristics used for design purposes are as follows:

Parameter	Concentration
BOD_5	300 mg/L
TSS	240 mg

Influent Flow Characteristics – The hydraulic design of the facility must ensure that the facility will operate under the most extreme conditions anticipated. The facility process and hydraulic design for this facility are as follows:

Table 1 – Design Calculations

Flow	Gallons Per Day	Gallons Per Minute
Average Daily Flow (Q_{ave})	14,000	10
Peak 2-Hour Flow (Q_{pk})	56,000	40

Loading	Pounds per Day
BOD_5	35
TSS	28

Process Design – The treatment facility will be designed to produce an effluent quality in compliance with the proposed permitted parameters of:

$CBOD_5$ = 30 mg/L; TSS = 30 mg/L

Cl_2 Residual = 1 to 4 mg/L after 20 minutes of detention time at peak flow.

In order to achieve the required removal efficiencies, the activated sludge process operated in the conventional mode has been chosen. The 7-day low reactor temperature is 15 degrees. The anticipated operating ranges for MLSS and RAS are 3,000 mg/L and 6,000 mg/L, respectively. Other assumptions include a sludge holding basin with supernatant decant and solids concentration of 1.5%.

Treatment Units

Table 2 – Aeration Basin

Aeration Basin	TCEQ Requires	Actual Provided
Organic loading rate (lbs/day/1000 ft^3)	25 (Max)	17.5
Total aeration volume (ft^3)	1400	2005.3 (15,000 gallons)

Table 3 – Clarifier

Hopper Bottom Clarifier with Filters	TCEQ Requires	Actual Provided
Surface loading rate (Q_{pk}) (gallons/day/ft^2)	1200 (Max)	778
Detention Time (Q_{pk}) (hr)	1.8 (Min.)	2.2
Surface Area (ft^2)	47	72
Volume (ft^3)		250
Side-water Depth (ft)	xx (Min.)	6.5
Maximum weir loading (Q_{pk}) (gallons/day/ft)	x	x
Diameter (ft)	x	x
Weir length (ft)	x	4O LF

Table 4 – Sludge Holding Basin

Sludge Holding Basin	TCEQ Requires	Actual Provided
MCRT at 15 degrees C (days)	Not specified	60
WAS solids production (ppd)	Not specified	280
Digested sludge solids production (ppd)	Not specified	200
Required solids in digester (lbs)	Not specified	12,000
Digester Volume (ft^3)	Not specified	9,618

Table 5 – Chlorine Contact Chamber

Chlorine Contact Chamber	TCEQ Requires	Actual Provided
Detention time (Q_{pk}) (min)	20	xx
Volume (Q_{pk}) (ft^3)	xxxx	xxxx

Air Requirements

Table 6 – Aeration Basin

Aeration Basin	TCEQ Requires	Actual Provided
Aeration requirements (SCF/day/lb BOD_5)	xx	xx
Oxygen required (lb O_2/lb BOD_5)	2.0	2.0
Oxygen required (lb/day)	70	70
Air provided (SCFM)	xx	60.3

Table 7 – Sludge Digester

Sludge Holding Basin	TCEQ Requires	Actual Provided
Aeration requirements (SCFM/1,000 CF)	20	xx
Air Flow Rate (SCFM)	1.0	xx

* Minimum volume needed to meet 1.8 hour detention time in clarifier

Facility Design Features

A. Emergency Power Requirements

In accordance with *30 TAC § 217.36* and due to the number and duration of power outages that have occurred in the past, the treatment facility must incorporate an onsite automatically starting generator capable of continuously operating all critical wastewater treatment system units. The fuel tank must be sized for a run time greater than the longest power outage in the power records. This generator will provide sufficient power for the following units:

1. Two Influent Lift Station Pumps
2. Two activated Positive Displacement Blowers (one in each basin)
3. Chlorination System
4. Two Effluent Pump Station Pumps
5. Lighting Panels and Control Equipment

An automatic transfer switch will be included to transfer electrical loads to the generator during an outage. In accordance with *30 TAC § 217.37* the disinfection system will automatically restart during a power outage and upon transfer back to the main power source.

B. Alarm Features

The facility will be equipped with a Supervisory Control and Data Acquisition (SCADA) system to monitor the operation of all critical treatment units. The control room will include a computer with graphic display of the treatment units that will indicate status and alarm conditions. The computer system will include an autodialer to alert facility personnel of the following conditions:

1. Power Outage
2. Influent Lift Station Wetwell High Level
3. Effluent Pump Station High Level Alarm
4. Blower Equipment Failure

The autodialer will store pre-recorded messages concerning each alarm condition and the procedure to be followed and will call up to eight different phone numbers until the alarm condition is acknowledged. The influent lift station and final clarifiers will also be equipped with local alarm lights for high level and high torque, respectively.

C. Design Features for Reliability and Operating Flexibility

1. Influent Lift Station: The influent lift station will include two submersible pumps sized to meet peak flow pumping capacity with the largest unit out of service.

Level switches will automatically start and stop the pumps based on influent flows and rising and falling wetwell levels. A high wetwell level will result in an alarm condition.

2. Effluent Pump Station: The effluent pump station will include two submersible pumps sized to meet peak flow pumping capacity with the largest unit out of service. A PLC will automatically start and stop the pumps based on required irrigation field zone application rates. A high wetwell level will result in an alarm condition. A low wetwell level will automatically stop the pumps.

3. Aeration Basins: Two aeration basins will be included, each capable of continuous operation. Piping and valves will be included to allow each unit to be individually isolated for draining, cleaning, or repairs.

4. Two Hopper Bottom Clarifiers with effluent filtration are proposed. The effluent filters are integral to the clarification design; and therefore, the hopper bottom clarifiers may be used in lieu of a circular mechanical clarifiers for this WWTP which is over 10,000 GPD and sized at 14,000 GPD.

D. Overflow Prevention

The following design features will be used to prevent the overflow of wastewater from treatment units:

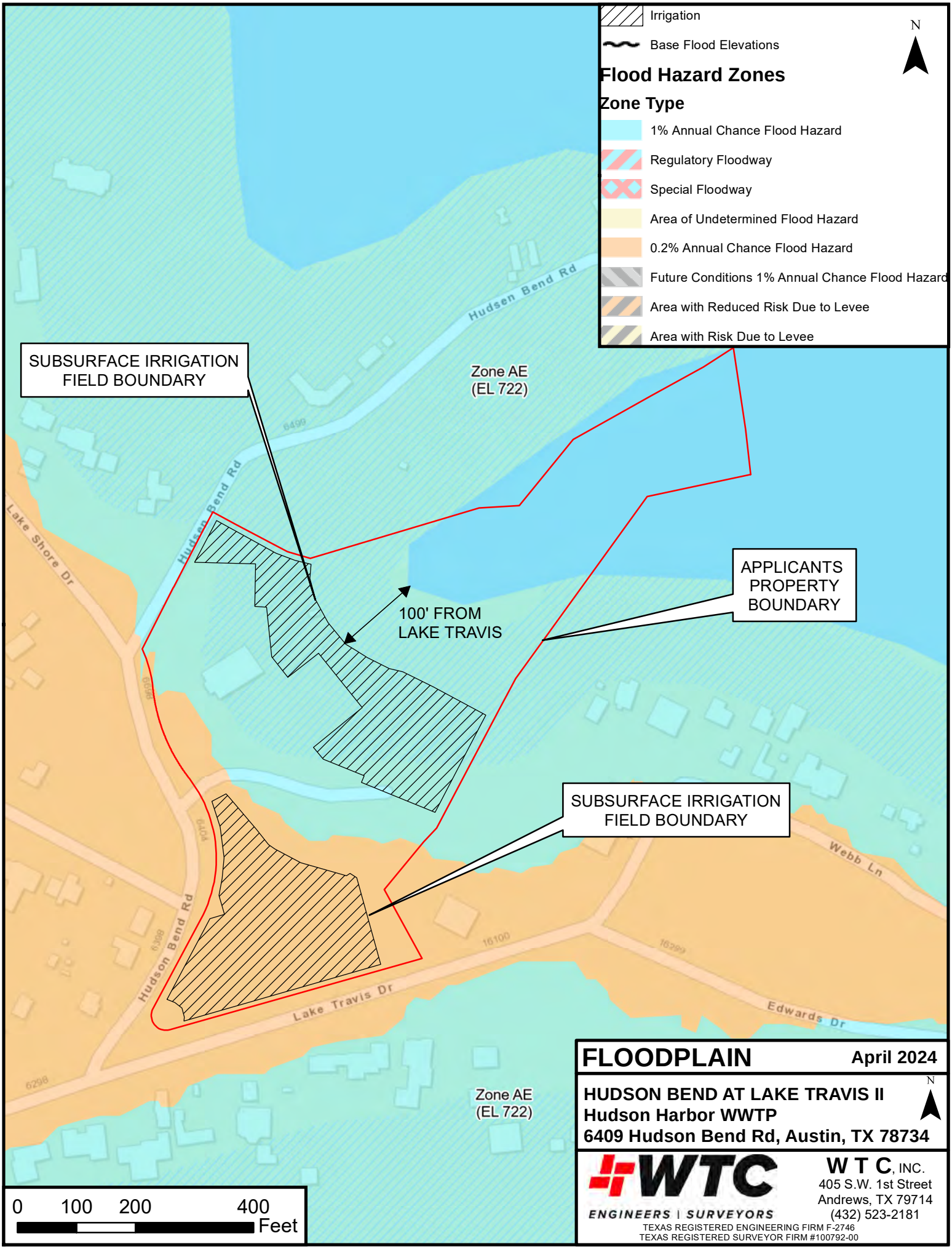
1. The facility design includes a peaking factor of 4.0 to ensure adequate hydraulic capacity.

2. The influent lift station will be designed with the capacity to pump peak flow with the largest single pump out of service.

3. The facility hydraulic design, including piping, channels, weirs, troughs and other features will be sized to allow the two-hour peak flow to pass through the facility without exceeding minimum freeboard requirements with any single treatment unit out of service.

4. The effluent pump station will be designed with the capacity to pump peak flow with the largest single pump out of service.

Attachment I
Facility Site



FLOODPLAIN

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

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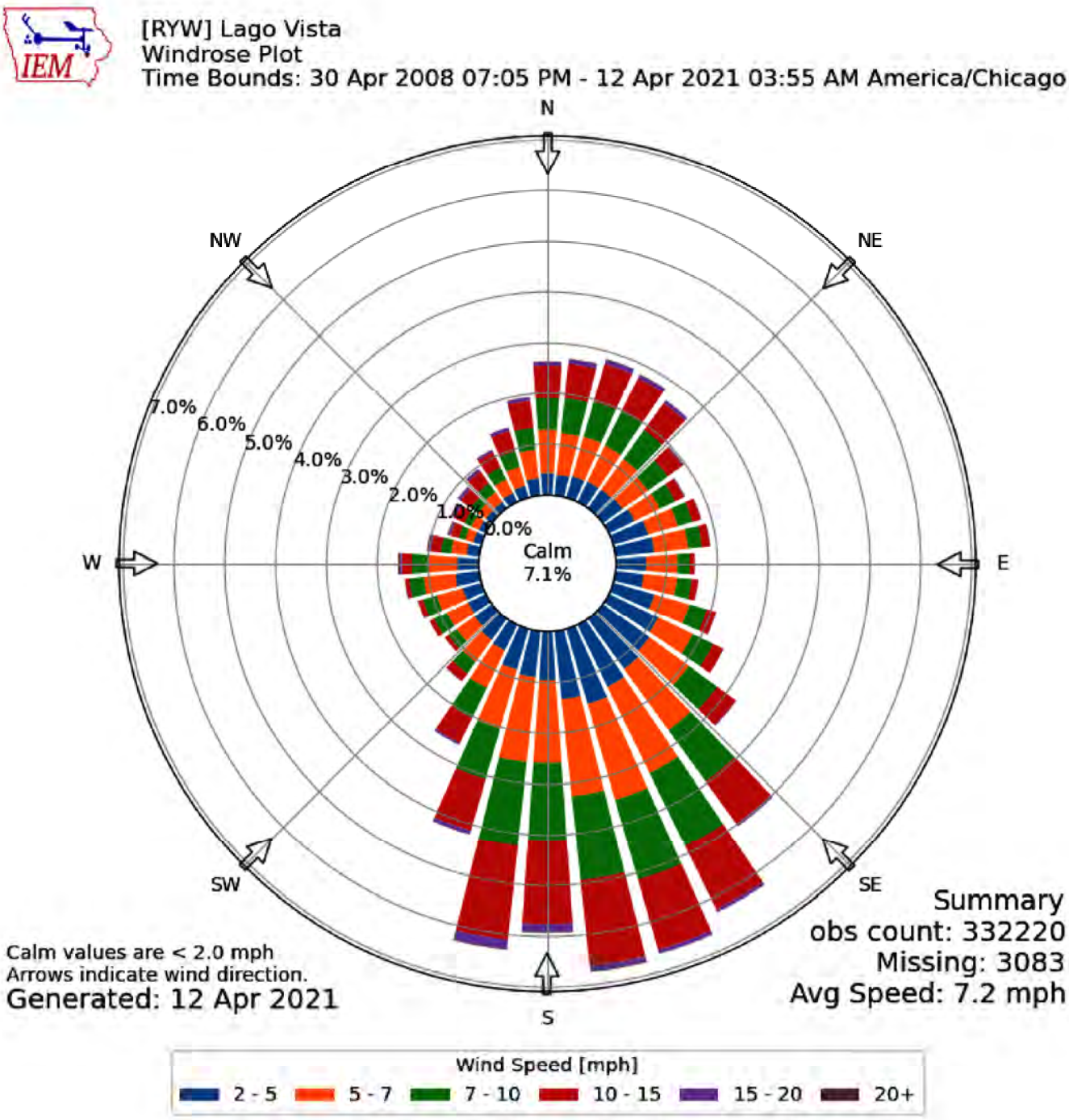

WIND ROSE

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

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WTC ENGINEERS | SURVEYORS

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(432) 523-2181

TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

Attachment J
Sewage Sludge Management Plan

The Hudson at Lake Travis II
Wastewater Treatment Plant

Sludge Management Plan

Influent Design Flow = 0.014 mgd

Influent BOD Concentration = 300 mg/L

Sludge Holding Basin Volume: 7,500 gallons

Aeration Basin MLSS: 3,000 mg/L

Table 1 – Sludge Production

Solids Generated	100% Flow	75% Flow	50% Flow	25% Flow
Pounds Influent BOD_5	35	26	17	9
Pounds of digested dry sludge produced*	12	9	6	3
Pounds of wet sludge produced	600	430	300	150
Gallons of wet sludge produced	72	52	36	18

* Assuming 0.35 pound of digested dry sludge produced per pound of influent BOD_5 at average temperatures and 2.0 solids concentration in the digester.

Sludge will be wasted from the RAS flow stream to the sludge holding basin. Sludge solids will be hauled to another WWTP for final treatment and disposal; supernatant will be decanted from the sludge holding basin and returned to the facility headworks for treatment.

Table 2 – Sludge Removal Schedule

Removal Schedule (days)	100% Flow	75% Flow	50% Flow	25% Flow
Days between sludge removal	7	10	14	30

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 storage volume of 7500 gal will be approximately xx days at 100% capacity and annual average digested sludge production of xxx ppd. The sludge will be transported by registered haulers, xxx Haulers, Registration #xxxx to xxx landfill, permit No. 222 in xxx County.

Attachment K
Annual Cropping Plan

The Hudson at Lake Travis II

Wastewater Treatment Plant
Subsurface Effluent Disposal

ANNUAL CROPPING PLAN

1.0 INTRODUCTION

The primary use of the site will be to dispose of treated effluent from the Hudson at Lake Travis II Wastewater Treatment Plant (WWTP). The land to be used is typical Hill Country pastureland. This property will be cleared and be converted into landscaped lawns that will allow public access from the Hudson at Lake Travis II apartments and/or condominiums.

2.0 SOILS MAP AND CROPS

The entire site will be planted with perennial hybrid grass. A subsurface irrigation area of approximately 3.2 acres is planned for this site.

3.0 COOL AND WARM SEASON CROPS

The primary crop on this site will be a Coastal Bermuda or similar hybrid. Coastal Bermuda is a perennial species that grows during warmer months. A winter overseeding with winter rye grass (cereal rye grain or oats) will provide a 12-month growing season such that it will not be necessary to discontinue irrigating during winter months.

4.0 CROP YIELD GOALS

The grass will be grown as a means of managing the residual nutrients in the irrigated effluent. There is no anticipated yield or anticipate economic return for the grass grown. It is anticipated that this grass covering will be landscaped using lawn mowers that bag the grass clippings. The grass clippings will be properly disposed of or recycled.

5.0 CROP GROWING SEASON

The typical growing season for the Coastal Bermuda grass will be from late March through October. The last cutting will likely occur in October. Once that has occurred, the field will be overseeded with winter rye grass that will begin its growth during October and be established by November with the coming of the first frost. This will end the growing season for the Coastal Bermuda grass. Once mowed in March rye will be easily displaced by the awakening Coastal Bermuda grass.

4.0 CROP NUTRITION REQUIREMENTS

Coastal Bermuda grass has a high capacity for taking up nitrogen. Research shows that this can be up to 242 lb/acre/year. Winter rye grass can take up an additional 60 lb/acre/year in nitrogen. The anticipated annual application of nitrogen from the Hudson at Lake Travis II WWTP is 195 lb/acre. The annual loss of nitrogen due to volatilization and denitrification is approximately 20%. The available nitrogen will be approximately 156 lb/acre/year from the irrigated wastewater. Typically, a supplemental addition of nitrogen fertilizer will be needed at a rate of approximately 95 lb/acre/year. However, the anticipated 156 lb/acre from the effluent disposed will provide ample nitrogen for good grass production and is well below the potential for nitrogen uptake by the Coastal Bermuda and winter rye grass.

A small addition of phosphorus probably will be needed to enhance the soil production. Supplemental potassium will be needed at a rate of about 200 lb/acre/year.

5.0 ADDITIONAL FERTILIZER REQUIREMENTS

The pH in the soil is anticipated to be neutral to greater than 7.0. The pH can be monitored annually during the growing season by the Owner to check whether other amendments such as sulfur might be needed and added at that time. Additional minerals such as magnesium may be needed and added at a rate of approximately 10 lb/acre/year.

6.0 MINIMUM/MAXIMUM HARVEST HEIGHTS (FOR GRASS CROPS)

There are various agricultural recommendations for good grass production. Current recourses and local southern growing practices indicate that the Coastal Bermuda grass should be cut no lower than about 2.5 inches. This will help the grass recover quickly.

7.0 SUPPLEMENTAL WATERING REQUIREMENTS

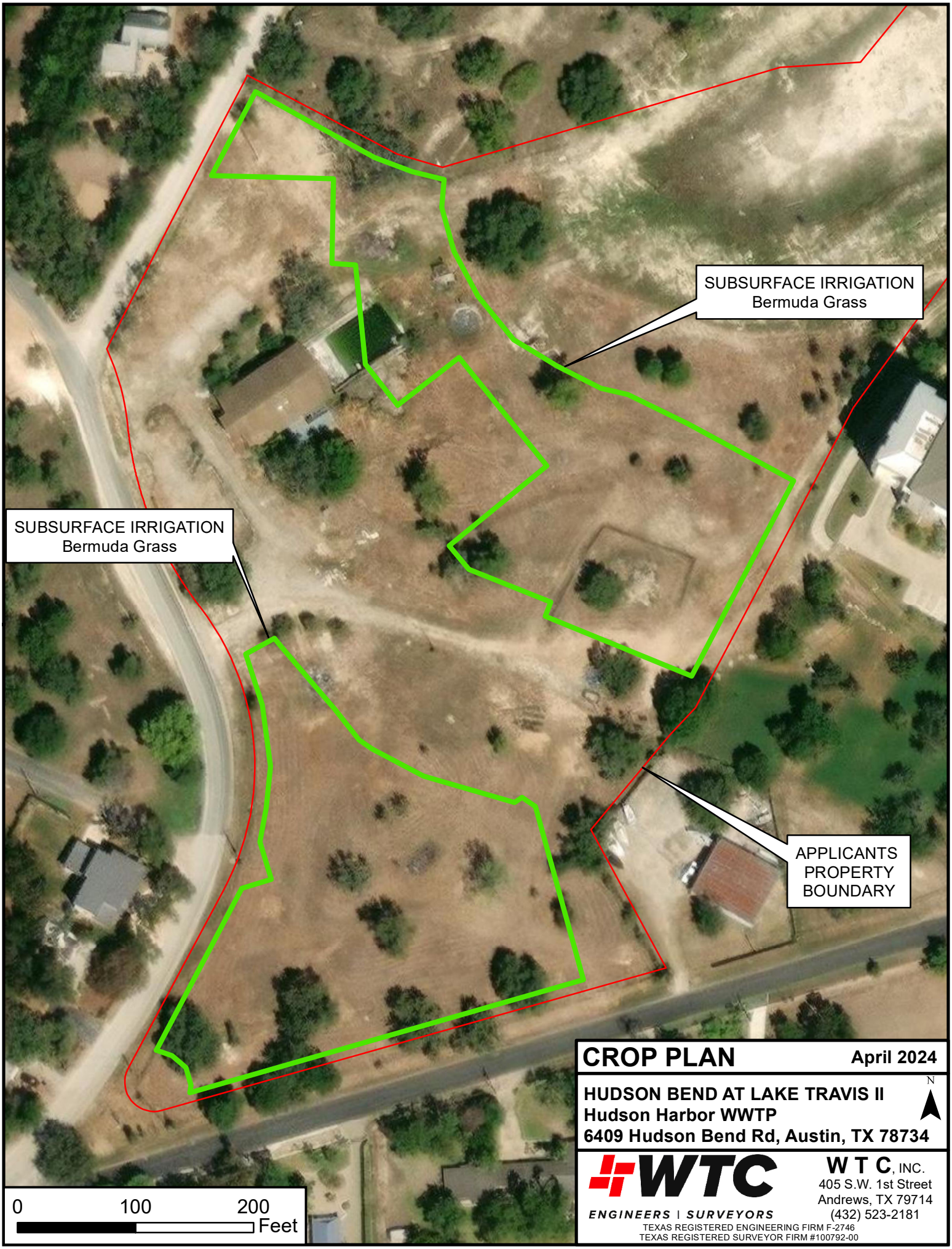
This region of central Texas near Lake Travis in Travis County has an average rainfall of 34.0 in/year and is suitable for ample grass production when combined with a daily application of 0.1 gpd or 0.16/in/day; however, hot summer months may necessitate surface irrigation to maintain green, lush lawns.

8.0 CROP SALT TOLERANCES

Coastal Bermuda grass has a high tolerance for salt and does not require leaching, unless there is inadequate rainfall for long periods during the growing season. The average annual rainfall for this area moves salts away from the grass root zone during high rainfall months.

9.0 HARVESTING METHOD/NUMBER OF HARVESTS

The Coastal Bermuda grass will be cut with bagging lawn mowers using methods typical to this area. The number of cuttings will be dependent on the landscaping views of the Owner, but will probably average once or twice per month.



CROP PLAN

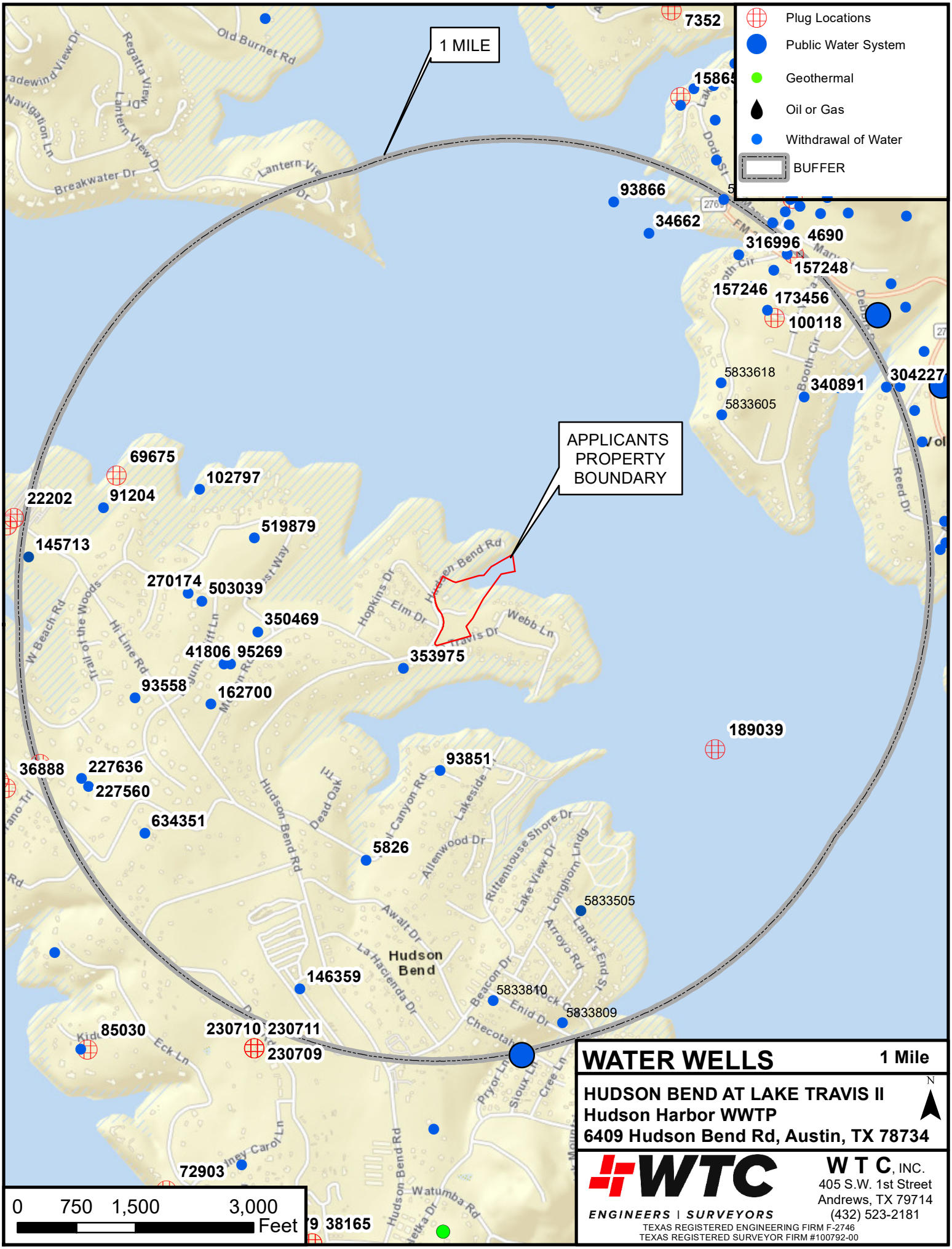
April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC
ENGINEERS | SURVEYORS
W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

Attachment L
Wells



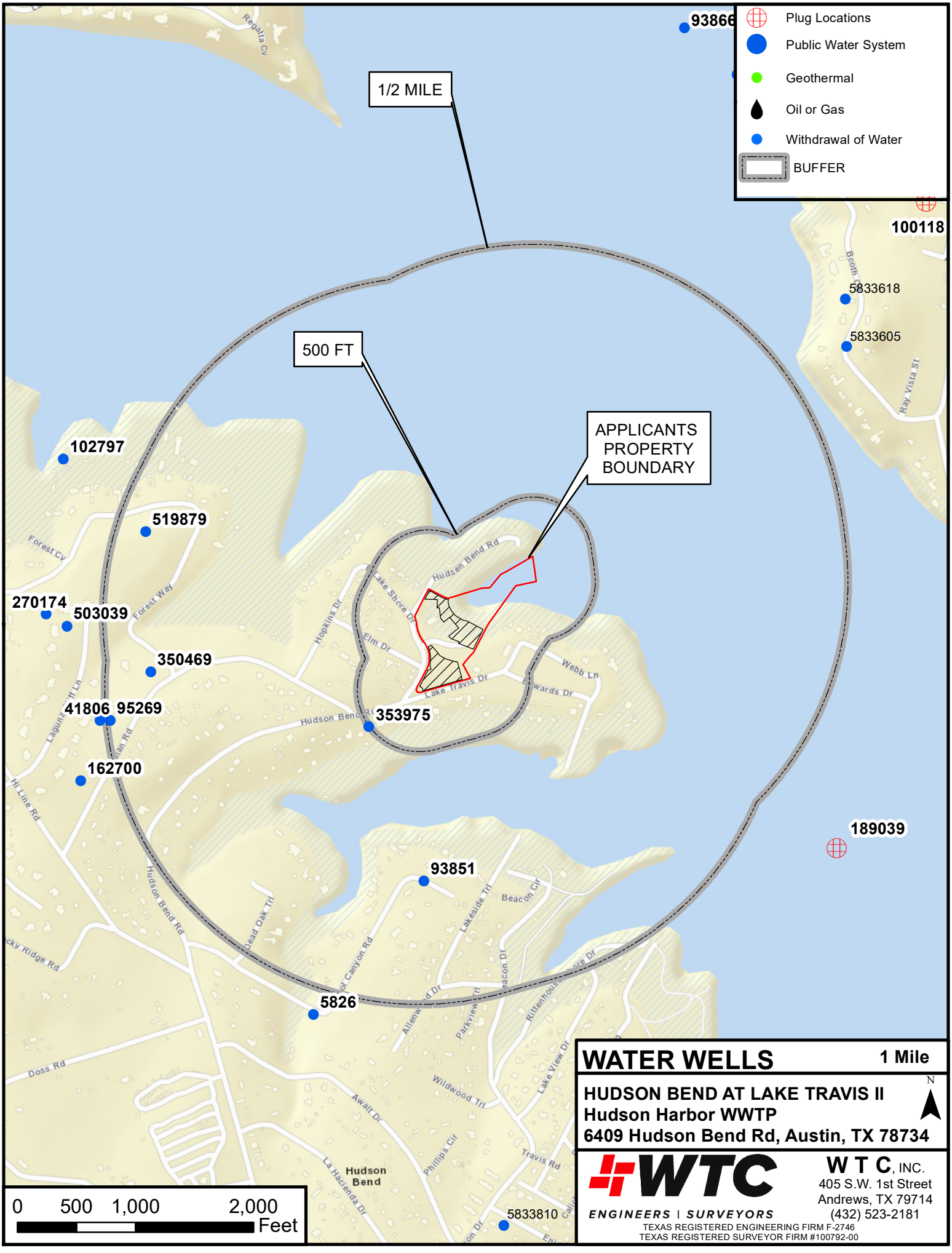
WATER WELLS

1 Mile

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC, INC.
ENGINEERS | SURVEYORS
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00


Plug Locations
Public Water System
Geothermal
Oil or Gas
Withdrawal of Water
BUFFER
1/2 MILE
500 FT
APPLICANTS PROPERTY BOUNDARY
93866
100118
5833618
5833605
102797
519879
270174
503039
350469
41806
95269
353975
162700
189039
93851
5826
5833810
Hudson Bend Rd
Lake Travis Dr
Hudson Bend
0 500 1,000 2,000 Feet
WATER WELLS
1 Mile
HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734
N
WTC
ENGINEERS | SURVEYORS
W T C, INC.
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TEXAS REGISTERED SURVEYOR FIRM #100792-00

Well #	Proposed Use	Depth	LAT	LONG	OWNER	BUFFER
4690	Plugged		30.4403	-97.9097	RAY TONJAS BUILDER	1 MILE
5826	Domestic	550	30.4194	-97.9275	DAVID CREWS	1 MILE
22337	Domestic	445	30.43	-97.915	DAVID MADUZIA	1 MILE
34662	Domestic	402	30.4411	-97.9156	LEONARD C. VARNER	1 MILE
41806	Domestic	250	30.4264	-97.9331	Randy Sisk	1 MILE
69649	Plugged		30.4231	-97.9406	Prudential-Ashley Mostofi	1 MILE
69675	Plugged		30.4331	-97.9372	MRG Hiline LP.	1 MILE
91204	Domestic	500	30.4319	-97.9378	Anthony Saracini	1 MILE
93558	Domestic	605	30.4253	-97.9367	Robert Colmenares	1 MILE
93851	Domestic	650	30.4225	-97.9244	MARTY LOHMAN	1/2 MILE
93866	Domestic	530	30.4422	-97.9169	GLASS WELL SERVICE	1 MILE
95269	Domestic	265	30.4264	-97.9328	Christine Porvaznik	1/2 MILE
100118	Plugged		30.4381	-97.9106	David Belote	1 MILE
101947	Domestic	420	30.4356	-97.9081	Martin DeDtefano	1 MILE
102797	Domestic	285	30.4325	-97.9339	JAY JOHNSON	1 MILE
145713	Monitor	6.7	30.4303	-97.9408	Emerald Point Marina	1 MILE
146359	Domestic	665	30.415	-97.9303	Ken Butschek	1 MILE
157243	Domestic	455	30.4392	-97.9114	Bob Steichen	1 MILE
157246	Domestic	460	30.4397	-97.9106	Bob Steichen	1 MILE
157248	Domestic	470	30.4403	-97.91	Bob Steichen	1 MILE
162700	Domestic	265	30.425	-97.9336	Steve Stratton	1 MILE
173456	Domestic	475	30.4383	-97.9108	David Belote	1 MILE
189039	Plugged		30.4231	-97.9133	Chris Woods	1 MILE
227560	Irrigation	200	30.4222	-97.9386	Scott Villarreal	1 MILE
227636	Irrigation	200	30.4225	-97.9389	David Tworoger	1 MILE
270174	Irrigation	270	30.4289	-97.9344	Pradeep Vancheeswaran	1 MILE
304227	Domestic	405	30.4356	-97.9061	Patrick Nunnelly	1 MILE
316996	Domestic	440	30.4403	-97.9119	Cat Smith	1 MILE
340891	Domestic	460	30.4353	-97.9094	Rolando Osorio	1 MILE
350469	Domestic	305	30.4275	-97.9317	Larry O'Connor	1/2 MILE
353975	Irrigation	410	30.4261	-97.9258	Herb Nassour	500 FT
503039	Irrigation	405	30.4286	-97.9339	Pradeep Vancheeswaran	1 MILE
519879	Irrigation	430	30.4308	-97.9317	HALVA TEX, LLC/ AL GARCIA	1/2 MILE
634351	Domestic	450	30.4206	-97.9364	Matthew Ostlund	1 MILE
5833505	Unused	201	30.4175	-97.9189	John Strickland	1 MILE
5833605	Domestic	440	30.4347	-97.9128	M.B. Cire	1 MILE
5833618	Domestic	490	30.4358	-97.9128	Tom Richardson	1 MILE
5833808	Public Supply	686	30.4125	-97.9214	Travis Landing	1 MILE
5833809	Domestic	350	30.4136	-97.9197	Frank Flournoy	1 MILE
5833810	Domestic	385	30.4144	-97.9225	Nona Drake	1 MILE

STATE OF TEXAS WELL REPORT for Tracking #95269

Owner:	**Christine Porvaznik**	Owner Well #:	**No Data**
Address:	**5909 Laguna Cliff Lane Austin, TX 78734**	Grid #:	**58-33-5**
Well Location:	**5909 Laguna Cliff Lane Austin, TX 78734**	Latitude:	**30° 25' 35" N**
		Longitude:	**097° 55' 58" W**
Well County:	**Travis**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **6/30/2006** Drilling End Date: **6/30/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**100**
6	**100**	**265**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**100**	**11**

Seal Method: **Pressure Trimmie**

Sealed By: **Driller**

Distance to Property Line (ft.): **10**

Distance to Septic Field or other concentrated contamination (ft.): **100+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Landowner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **140', 135', 105', 100'**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 60+ GPM**

Water Quality:

Strata Depth (ft.)	Water Type
255-265	**Glenrose**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Apex Drilling, Inc**

PO Box 867
Marble Falls, TX 78654

Driller Name: **Michael G Becker, P.G.** License Number: **54516**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Top Soil**
2	**30**	**Tan Limestone**
30	**90**	**Grey Limestone**
90	**255**	**Tan & Grey Limestone**
255	**265**	**Grey Limestone**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
4.5" (5" OD) New PVC +2' to 265' SDR17			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking Number on your written request.

Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #93851

Owner:	**MARTY LOHMAN**	Owner Well #:	**No Data**
Address:	**5350 HWY. 290 WEST AUSTIN, TX 78735**	Grid #:	**58-33-5**
Well Location:	**16029 POOL CANYON RD. AUSTIN, TX 78734**	Latitude:	**30° 25' 21" N**
		Longitude:	**097° 55' 28" W**
Well County:	**Travis**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **6/2/2006** Drilling End Date: **6/2/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.625	**0**	**100**
6.5	**100**	**650**

Drilling Method: **Air Rotary**

Borehole Completion: **CASED**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**100**	**10 CEMENT**
0	**100**	**15 VOLCLAY**

Seal Method: **PRESSURE TRIMMY CEMENTING**

Sealed By: **Driller**

Distance to Property Line (ft.): **N/A**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **WELL DRILLED FIRST**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **5 BURLAP, PVC, RUBBER 100',440',460',480', 560'**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 30 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
60	**TRINITY**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **CENTRAL TEXAS DRILLING, INC.**

2520 HWY. 290 WEST
DRIPPING SPRINGS, TX 78620

Driller Name: **AARON GLASS** License Number: **4227**

Comments: **updated lat/long by TWDB on 2/12/08 - BA**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**1**	**TOP SOIL**
1	**18**	**CALICHE**
18	**20**	**BLUE LIMESTONE**
20	**200**	**GRAY LIMESTONE**
200	**202**	**GRAY/TAN LIMESTONE**
202	**240**	**GRAY LIMESTONE**
240	**320**	**GRAY/TAN LIMESTONE**
320	**340**	**TAN LIMESTONE**
340	**400**	**GRAY/TAN LIMESTONE**
400	**410**	**TAN LIMESTONE**
410	**420**	**TAN/BROWN LIMESTONE**
420	**430**	**GRAY LIMESTONE W/CLAY**
430	**450**	**HAMMID CLAY**
450	**470**	**HAMMID CLAY W/RED CLAY**
470	**480**	**GRAY/TAN LIMESTONE**
480	**500**	**TAN/RED LIMESTONE**
500	**650**	**RED SAND & GRAVEL**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" OD N PVC SDR17 +3 TO 650			
5" OD N PVC SDR17 SLOT 560 TO 640 .032			

STATE OF TEXAS WELL REPORT for Tracking #350469

Owner:	**Larry O'Connor**	Owner Well #:	**No Data**
Address:	**6009 Laguna Cliff Lane Austin, TX 78734**	Grid #:	**58-33-5**
Well Location:	**6009 Laguna Cliff Lane Austin, TX 78734**	Latitude:	**30° 25' 39" N**
		Longitude:	**097° 55' 54" W**
Well County:	**Travis**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/24/2013** Drilling End Date: **10/24/2013**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**100**
6.25	**100**	**305**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**100**	**8 ben 1 port**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **30**

Distance to Septic Field or other concentrated contamination (ft.): **50+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Land Owner**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **Burlap/Neoprene 132,130,100**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 45 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
132-300	**M Trinity**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **APEX Drilling Inc.**

P O Box 867
Marble Falls, TX 78654

Driller Name: **Michael G Becker P.G** License Number: **54516**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**1**	**Top Soil**
1	**14**	**Tan Limestone**
14	**132**	**Gray Tan Limestone**
149	**300**	**Tan Lt Gray Limestone**
300	**305**	**Gray Limestone w/ Clay**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
4.5" (5OD) New PVC +2 to 145 SDR 17
4.5" (5OD) New Slotted 145 to 165 .035
4.5" (5OD) New PVC 165 to 225 SDR17
4.5" (5OD) New Slotted 225 to 245 .035
4.5" (5OD) New PVC 245 to 265 SDR17
4.5" (5OD) New Slotted 265 to 285 .035
4.5" (5OD) New PVC 285 to 305 SDR17

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #353975

Owner:	**Herb Nassour**	Owner Well #:	**No Data**
Address:	**6201 Hudson Bend Rd. Austin, TX 78734**	Grid #:	**58-33-5**
Well Location:	**6201 Hudson Bend Rd. Austin, TX 78734**	Latitude:	**30° 25' 34" N**
		Longitude:	**097° 55' 33" W**
Well County:	**Travis**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Irrigation**

Drilling Start Date: **1/15/2014** Drilling End Date: **1/15/2014**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
9	**0**	**100**
6.25	**100**	**410**

Drilling Method: **Air Rotary**

Borehole Completion: **cased; Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**100**	**13cmt 4gel**

Seal Method: **pressure pumped / tremmie**

Sealed By: **ADC**

Distance to Property Line (ft.): **25**

Distance to Septic Field or other concentrated contamination (ft.): **150+**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **owner / tape**

Surface Completion: **Surface Sleeve Installed**

Water Level: **237 ft.** below land surface on **2014-01-15** Measurement Method: **Unknown**

Packers: **burlap,plastic,rubber @ 210,190,110,100**

Type of Pump: **Submersible** Pump Depth (ft.): **400**

Well Tests: **Jetted** **Yield: 15-20 GPM**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
240-340	**glen rose**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc.**

PO Box 673
Dripping Springs, TX 78620

Driller Name: **James Benoit** License Number: **4064**

Comments: **Glass Well Service**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**10**	**tan lime**
10	**245**	**gray lime**
245	**315**	**tan and white limestone**
315	**410**	**gray and white limestone**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
5 od new sdr17 pvc -3 to 350
5 od new sdr17 pvc (.032) screen 350 to 410

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

STATE OF TEXAS WELL REPORT for Tracking #519879

Owner:	**HALVA TEX, LLC/ AL GARCIA**	Owner Well #:	**No Data**
Address:	**2900 QUINLAN PARK AUSTIN, TX 78732**	Grid #:	**58-33-5**
Well Location:	**16661 FOREST WAY AUSTIN, TX 78734**	Latitude:	**30° 25' 50.76" N**
		Longitude:	**097° 55' 54.18" W**
Well County:	**Travis**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **7/24/2019** Drilling End Date: **7/24/2019**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
9	**0**	**100**
6.125	**100**	**430**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**100**	**Cement 12 Bags/Sacks**

Seal Method: **Pressure**

Sealed By: **Driller**

Distance to Property Line (ft.): **100+**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **N/A**

Method of Verification: **OWNER**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **259 ft.** below land surface on **2019-07-30** Measurement Method: **Electric Line**

Packers: **Burlap at 100 ft.**
BURLAP & PLASTIC at 120 ft.
BURLAP & PLASTIC at 300 ft.
BURLAP & PLASTIC at 330 ft.

Type of Pump: **Submersible** Pump Depth (ft.): **400**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
330 - 430	**MIDDLE TRINITY**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious constituents?: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the report(s) being returned for completion and resubmittal.

Company Information: **Centex Pump & Supply, Inc.**

2520 Hwy. 290 West
Dripping Springs, TX 78620

Driller Name: **MARTIN DALE LINGLE** License Number: **54813**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**1**	**ROCK**
1	**25**	**CALICHE**
25	**27**	**BLUE LIMESTONE**
27	**50**	**GRAY LIMESTONE**
50	**60**	**TAN LIMESTONE**
60	**90**	**TAN/GRAY LIMESTONE**
90	**110**	**BROWN LIMESTONE**
110	**145**	**GRAY LIMESTONE**
145	**150**	**BROWN LIMESTONE**
150	**170**	**GRAY LIMESTONE W/CLAY**
170	**190**	**GRAY/BROWN SANDSTONE**
190	**310**	**GRAY LIMESTONE**
310	**320**	**BROWN LIMESTONE**
320	**330**	**TAN LIMESTONE**
330	**390**	**TAN/GRAY/BROWN LIMESTONE**
390	**420**	**GRAY LIMESTONE**
420	**430**	**GRAY CLAY**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4.5	**Blank**	**New Plastic (PVC)**	**SDR17**	**2**	**330**
4.5	**Perforated or Slotted**	**New Plastic (PVC)**	**SDR17**	**330**	**430**

Attachment M
Groundwater Quality

GROUNDWATER QUALITY

Water wells are identified in Appendix L of this report and all known wells within 1 mile of the site are identified. Well #353975 is the closest water well to the site. This well is 410 feet in depth and has a static water level of 237 feet below surface. This well can yield 15-20 gpm and its purpose was for irrigation. No water quality information has been found for this well.

If required by the TCEQ, groundwater monitoring wells would be constructed at downgradient elevations about 100 feet off the shoreline of Lake Travis.

Attachment N
Soils

SOILS

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC
ENGINEERS | SURVEYORS
W T C, INC.
405 S.W. 1st Street
Andrews, TX 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

Travis County, Texas

TaD—Eckrant very stony clay, 5 to 18 percent slopes

Map Unit Setting

National map unit symbol: 2xmt6
Elevation: 450 to 1,350 feet
Mean annual precipitation: 30 to 35 inches
Mean annual air temperature: 66 to 69 degrees F
Frost-free period: 220 to 270 days
Farmland classification: Not prime farmland

Map Unit Composition

Eckrant and similar soils: 90 percent
Minor components: 10 percent
Estimates are based on observations, descriptions, and transects of the mapunit.

Description of Eckrant

Setting

Landform: Ridges
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Linear
Parent material: Residuum weathered from limestone

Typical profile

A1 - 0 to 5 inches: very stony clay
A2 - 5 to 8 inches: extremely flaggy clay
R - 8 to 30 inches: bedrock

Properties and qualities

Slope: 5 to 18 percent
Depth to restrictive feature: 6 to 14 inches to lithic bedrock
Drainage class: Well drained
Runoff class: High
Capacity of the most limiting layer to transmit water (Ksat): Moderately low to moderately high (0.06 to 0.57 in/hr)
Depth to water table: More than 80 inches
Frequency of flooding: None
Frequency of ponding: None
Calcium carbonate, maximum content: 40 percent
Maximum salinity: Nonsaline to very slightly saline (0.0 to 2.0 mmhos/cm)
Available water supply, 0 to 60 inches: Very low (about 0.5 inches)

Interpretive groups

Land capability classification (irrigated): None specified
Land capability classification (nonirrigated): 7s
Hydrologic Soil Group: D

Ecological site: R081CY360TX - Low Stony Hill 29-35 PZ
Hydric soil rating: No

Minor Components

Rock outcrop
Percent of map unit: 5 percent
Landform: Ridges
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Convex
Hydric soil rating: No

Brackett
Percent of map unit: 5 percent
Landform: Ridges
Landform position (two-dimensional): Backslope
Landform position (three-dimensional): Side slope
Down-slope shape: Convex
Across-slope shape: Linear
Ecological site: R081CY355TX - Adobe 29-35 PZ
Hydric soil rating: No

Data Source Information

Soil Survey Area: Travis County, Texas
Survey Area Data: Version 23, Sep 10, 2021

Attachment O
Recharge Feature Plan

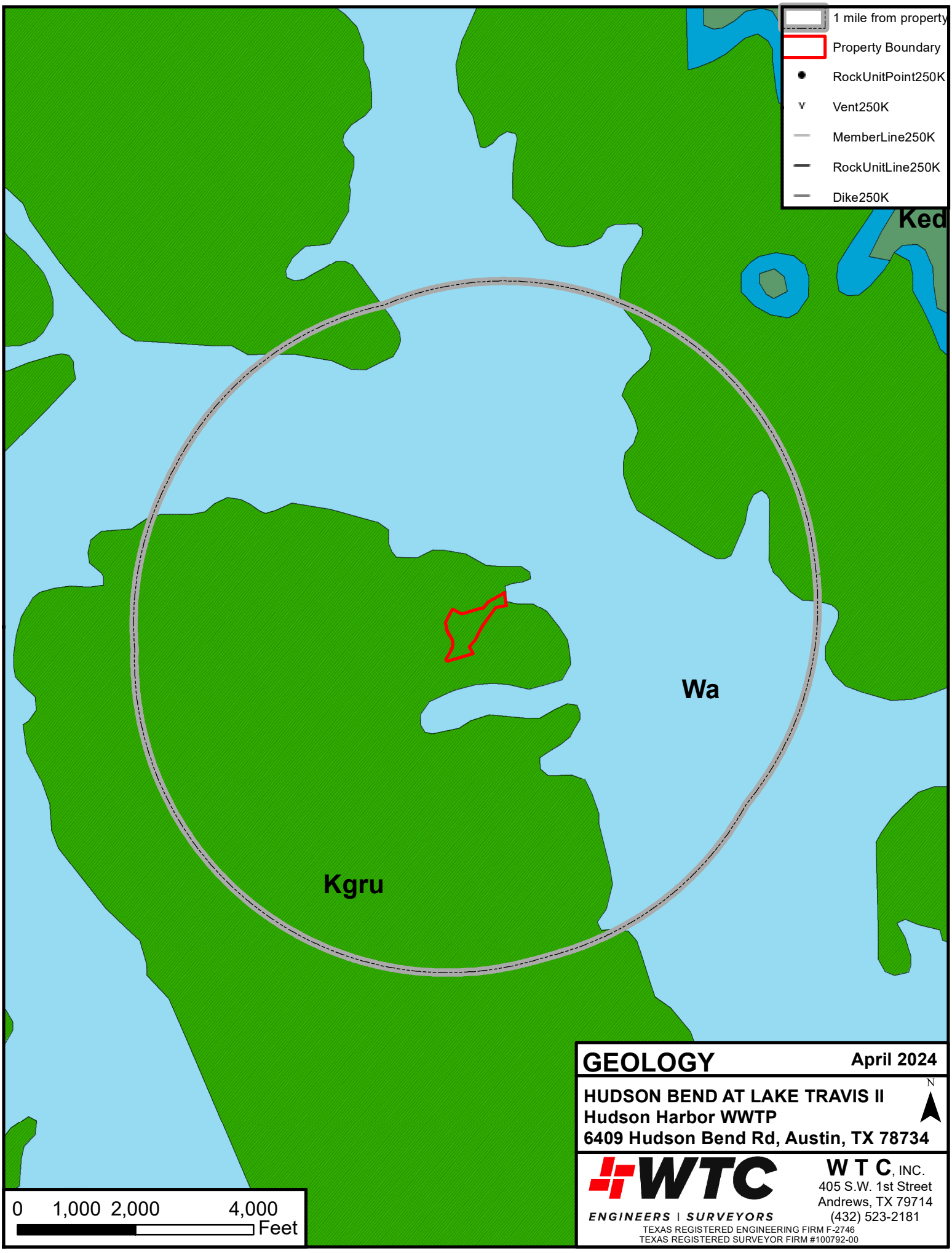
RECHARGE FEATURE PLAN

The available resources as listed in 30 TAC 222.79 were referenced and no evidence of any recharge features was identified.

The project site is not in the Edwards Aquifer Zones. According to the USGS Geologic Atlas of Texas – Llano Sheet, the geology in this zone can be best described as belonging to the Upper Glen Rose (Kgru) formation. The formation is from the Cretaceous Period, Comanchean Epoch or Series, and Trinity Group. The formation is composed of limestone, dolomite, and marl in alternating resistant and recessive beds forming stairstep topography. Most recharge is from direct infiltration via precipitation and streamflow loss. Recharge occurs predominantly along secondary porosity features, such as faults, fractures, and karst features.

Groundwater would flow from south to north toward the lower elevations of the site.

There are no known recharge features that would require mitigation.



GEOLOGY

April 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

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(432) 523-2181

ENGINEERS | SURVEYORS
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

Re: Application to Renew Permit No. WQ0014227001 - Notice of Deficiency Letter

Savannah Jackson <Savannah.Jackson@tceq.texas.gov>
Tue 6/18/2024 3:24 PM
To:Cari Harrington <cari@h2ogeotx.com>;Bob Thonhoff <bob.thonhoff@wtcinc.com>
Cc:Erwin Madrid <Erwin.Madrid@tceq.texas.gov>;Barbara Johnson <barbara.johnson@wtcinc.com>

Hi Cari,

Perfect, thank you for the quick response! I will work on getting this application administratively complete as soon as possible.

Thanks,

Savannah Jackson
Texas Commission on Environmental Quality
Water Quality Division
512-239-4306
savannah.jackson@tceq.texas.gov

From: Cari Harrington <cari@h2ogeotx.com>
Sent: Tuesday, June 18, 2024 3:19 PM
To: Savannah Jackson <Savannah.Jackson@tceq.texas.gov>; Bob Thonhoff <bob.thonhoff@wtcinc.com>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>; Barbara Johnson <barbara.johnson@wtcinc.com>
Subject: RE: Application to Renew Permit No. WQ0014227001 - Notice of Deficiency Letter

Please see the attached.

From: Savannah Jackson <Savannah.Jackson@tceq.texas.gov>
Sent: Tuesday, June 18, 2024 3:18 PM
To: Cari Harrington <cari@h2ogeotx.com>; Bob Thonhoff <bob.thonhoff@wtcinc.com>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>; Barbara Johnson <barbara.johnson@wtcinc.com>
Subject: Re: Application to Renew Permit No. WQ0014227001 - Notice of Deficiency Letter

Good Afternoon,

Can you please send me the Spanish NORI as a Word Document?

Thanks,

Savannah Jackson
Texas Commission on Environmental Quality
Water Quality Division
512-239-4306
savannah.jackson@tceq.texas.gov

From: Cari Harrington <cari@h2ogeotx.com>
Sent: Tuesday, June 18, 2024 2:58 PM
To: Bob Thonhoff <bob.thonhoff@wtcinc.com>; Savannah Jackson <Savannah.Jackson@tceq.texas.gov>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>; Barbara Johnson <barbara.johnson@wtcinc.com>
Subject: RE: Application to Renew Permit No. WQ0014227001 - Notice of Deficiency Letter

Good afternoon,
Please see the attached response.
A full copy of the application with revised pages inserted will be uploaded to the ftp site within the next few minutes.
Please let us know if you have any questions or need anything further.
Thank you

Cari Harrington

From: Bob Thonhoff <bob.thonhoff@wtcinc.com>
Sent: Tuesday, June 18, 2024 1:58 PM
To: Savannah Jackson <Savannah.Jackson@tceq.texas.gov>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>; Cari Harrington <cari@h2ogeotx.com>; Barbara Johnson <barbara.johnson@wtcinc.com>
Subject: RE: Application to Renew Permit No. WQ0014227001 - Notice of Deficiency Letter

Ms. Savannah Jackson,
Thank you for the reminder. I have completed the revisions and will send them to you later this afternoon through Cari Harrington, my associate.
Sincerely yours,
Bob Thonhoff
WTC, Inc.
512-328-6736

From: Savannah Jackson <Savannah.Jackson@tceq.texas.gov>
Sent: Tuesday, June 18, 2024 1:37 PM
To: Bob Thonhoff <bob.thonhoff@wtcinc.com>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>
Subject: Re: Application to Renew Permit No. WQ0014227001 - Notice of Deficiency Letter

Good Afternoon,

Just a reminder that your complete response to this Notice of Deficiency letter is due tomorrow!

Thanks,

Savannah Jackson
Texas Commission on Environmental Quality
Water Quality Division
512-239-4306
savannah.jackson@tceq.texas.gov

From: Savannah Jackson
Sent: Wednesday, June 5, 2024 4:10 PM
To: bob.thonhoff@wtcinc.com <bob.thonhoff@wtcinc.com>
Cc: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>
Subject: Application to Renew Permit No. WQ0014227001 - Notice of Deficiency Letter

Dear Mr. Robert Jr. Thonhoff,

The attached Notice of Deficiency letter sent on June 5, 2024, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by June 19, 2024.

Thank you,

Savannah Jackson
Texas Commission on Environmental Quality
Water Quality Division
512-239-4306
savannah.jackson@tceq.texas.gov

WTC
ENGINEERS | SURVEYORS

Andrews Office: 405 SW 1st Street, Andrews, TX 79714 • (432) 523- 2181
Austin Office: 1301 S. Capital of TX Hwy., Suite A-236, Austin, TX 78746 • (512) 328-6736
Texas Registered Engineering Firm F-2746 • Texas Registered Surveyor Firm #10079200

June 18, 2024

Ms. Savannah Jackson
Texas Commission of Environmental Quality
Applications Review and Processing Team (MC148)
Water Quality Division
savannah.jackson@tceq.texas.gov

RE: Application to Renew Permit No.: WQ0014227001
Applicant Name: Hudson Bend at Lake Travis, LLC (CN604736231)
Site Name: Hudson Harbor WWTP (RN101522142)
Type of Application: Renewal without changes

Dear Ms. Jackson,

Please see the responses to your letter dated June 5, 2024 for the above-referenced permit renewal (without changes). The new and replacement pages are attached. The electronic submittal has been updated and a copy of the revised application has been placed on the TCEQ ftp site. Please let me know if you need anything further.

1. Administrative Report 1.0, Section 8, Item D: The public viewing location address listed on the application is 2300 Lohman's Spur, Suite 100. Upon review, it appears that the Lake Travis Community Library address is 1938 Lohmans Crossing Road. To avoid confusion for the public, please confirm the address of the location being used for public viewing of the application.

Response: The address has been updated and page 6 has been replaced in the electronic version.

2. Administrative Report 1.0, Section 13: The USGS topographic map is currently missing. Please provide a new original USGS 7.5 minute topographic map (an 8 ½ by 11, reproduced portion/area of the most current original USGS map may be provided as long as all the required information can be shown), showing and labeling the applicant's property boundary, location of the treatment facility within the applicant's property boundaries, effluent disposal site boundary, ponds, scale, and an area of not less than one mile in all directions from the facility.

Response: New USGS topographic maps indicating the location of the subsurface irrigation and the treatment plant showing the 1 mile radius (1"= 1,500 ft) and immediate vicinity (1"= 500 ft) have been updated in Appendix B.

5. 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: Please update contact name to read Mr. Robert Thonhoff, Jr., P.E. and add address 1938 Lohmans Crossing Road for the Lake Travis Community Library. The website link to the location mapper was checked and is accurate.

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

Response: The Spanish NORI has been completed; a copy has been added to Appendix A.

Sincerely,

Robert H. Thonhoff, Jr.

Robert H. Thonhoff, Jr., P.E.
Principal Engineer

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

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

☒ E-mail Address

☐ Fax

☒ Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mr. Last Name, First Name: Thonhoff, Robert Jr.

Title: Consultant Credential: P.E.

Organization Name: West Texas Consultants Inc

Mailing Address: 1301 Capital of Texas Hwy. South Suite A-236 City, State, Zip Code: Austin, TX 78746

Phone No.: 512-328-6736 E-mail Address: bob.thonhoff@wtcinc.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: Lake Travis Community Library

Location within the building: Main desk

Physical Address of Building: 1938 Lohmans Crossing Rd

City: Austin County: Travis

Contact (Last Name, First Name): Librarian

Phone No.: 512-263-2885 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?

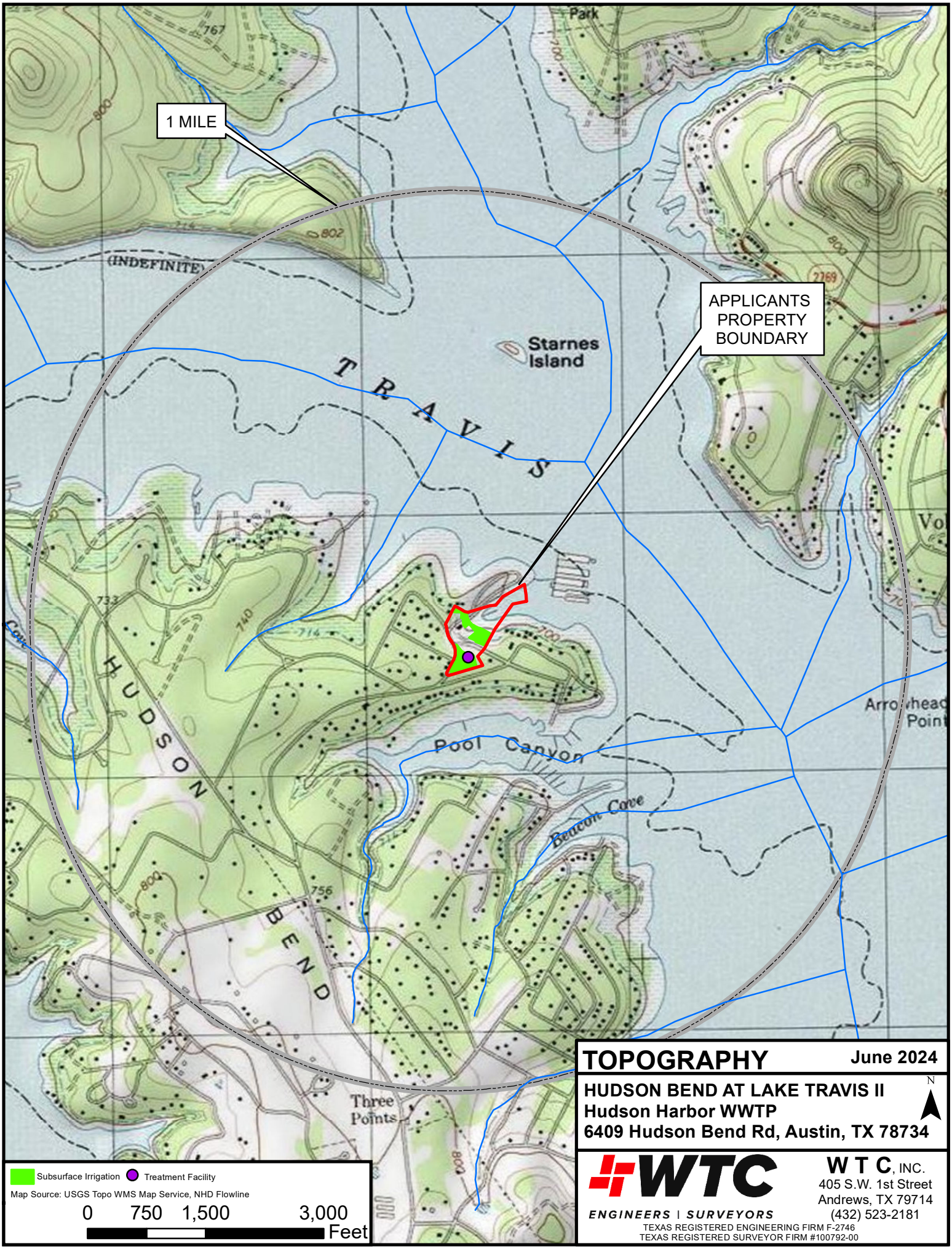
   ☒ Yes ☐ No

   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?



TOPOGRAPHY

June 2024

HUDSON BEND AT LAKE TRAVIS II
Hudson Harbor WWTP
6409 Hudson Bend Rd, Austin, TX 78734

N

WTC, INC.
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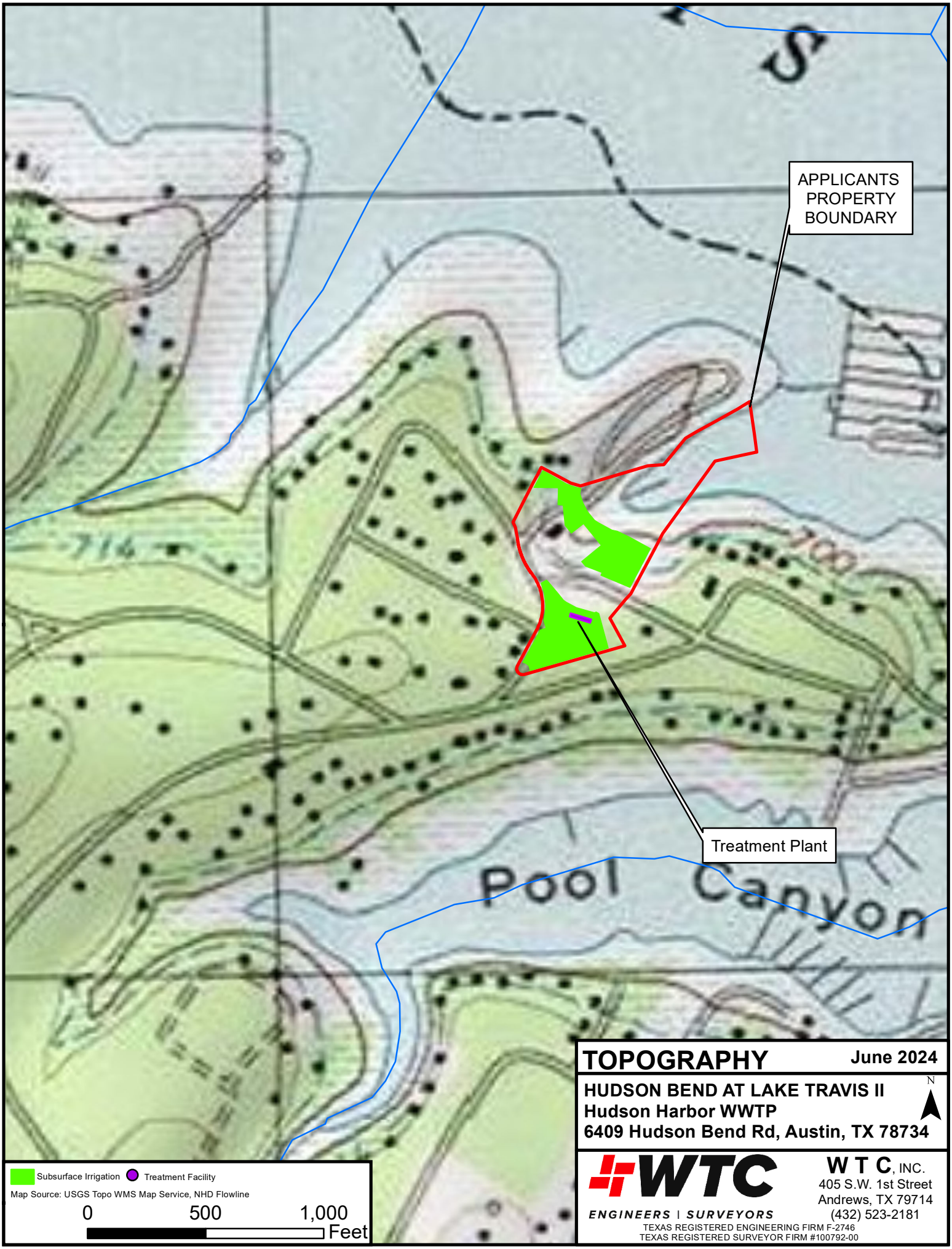

TOPOGRAPHY

June 2024

HUDSON BEND AT LAKE TRAVIS II
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Andrews, TX 79714
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TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00

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
RENOVACION

PERMISO NO. WQ0014227001

SOLICITUD. Hudson Bend en Lake Travis, LLC, PO Box 325, Roxton, TX 75477 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014227001 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 14,000 galones por día. La planta está ubicada en la calle Hudson Bend Núm. 6409, Austin, en el Condado de Travis, Texas. La ruta de descarga es del sitio de la planta a La ruta de descarga es del sitio de la planta a se realizará a través de un sistema de riego por goteo subterráneo con un área mínima de 3.2 acres de terreno de acceso público. La TCEQ recibió esta solicitud el 31 de mayo de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en Lohmas Crossing Road 1938, Austin, en el Condado de Travis, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.92343,30.428561&level=18

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

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

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida**

directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso. Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

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

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

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

CONTACTOS E INFORMACIÓN 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 Hudson Bend en Lake Travis, LLC a la dirección indicada arriba o llamando a Mr. Robert Thonhoff, Jr., P.E. West Texas Consultants Inc. al 512-328-6736.

Fecha de emission:

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
RENOVACION

PERMISO NO. WQ0014227001

SOLICITUD. Hudson Bend en Lake Travis, LLC, PO Box 325, Roxton, TX 75477 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014227001 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 14,000 galones por día. La planta está ubicada en la calle Hudson Bend Núm. 6409, Austin, en el Condado de Travis, Texas. La ruta de descarga es del sitio de la planta a se realizará a través de un sistema de riego por goteo subterráneo con un área mínima de 3.2 acres de terreno de acceso público. La TCEQ recibió esta solicitud el 31 de mayo de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en 1938 Lohmans Crossing Road, , Austin, en el Condado de Travis, Texas antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.92343,30.428561&level=18

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

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

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos

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

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

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión. La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios. Si ciertos criterios se cumplen, la TCEQ puede actuar sobre una solicitud para renovar un permiso sin proveer una oportunidad de una audiencia administrativa de lo contencioso.

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

CONTACTOS E INFORMACIÓN 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 Hudson Bend en Lake Travis, LLC a la dirección indicada arriba o llamando a Mr. Robert Thonhoff, Jr., P.E. West Texas Consultants Inc. al 512-328-6736.

Fecha de emission: