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

TLAP NEW APPLICATION
DOMESTIC WASTEWATER

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.

Homebound Group (CN606418077) proposes to operate a new wastewater treatment system at their new data center facility at the Haskell project site, which will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380 in Haskell County, TX. (ZIP #79533).

This application is for the new wastewater treatment system at the facility that will treat nearly 37,000 gallons/day of domestic wastewater.

Treated effluent from the facility is expected to contain concentrations of five-day carbonaceous biochemical demand ($CBOD_5$) and total suspended solids (TSS) lower than the effluent limitations provided in 30 TAC §309.1(b). Wastewater will be collected by Lift Stations located adjacent to the Data Centers and the Operations Buildings and will be pumped to a Packaged Biological Treatment System for treatment. The packaged biological treatment system will consist of an influent screen, flow equalization basin, aeration zone and a final clarifier with Return Activated Sludge (RAS) return and a sludge storage zone followed by tertiary sand filtration and chlorination. Septage Hauler to remove the biosolids on a weekly basis to the City of Stamford's Wastewater Treatment Plant by a registered hauler. The treated effluent will be collected in a final effluent pump station and pumped to an on-site HDPE Lined evaporation pond.

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

SOLICITUDES NUEVAS DE TLAP
AQUAS RESIDUALES DOMESTICAS

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.

Homebound Group (CN606418077) propone operar un nuevo sistema de tratamiento de aguas residuales en su nueva instalación de centro de datos en el sitio del proyecto Haskell, que estará ubicado aproximadamente 2.7 millas al suroeste de la intersección de la calle Red Creek y la autopista U.S. Highway 380 en el Condado de Haskell, Texas (código postal 79533).

Esta solicitud corresponde al nuevo sistema de tratamiento de aguas residuales en la instalación, el cual tratará aproximadamente 37,000 galones por día de aguas residuales domésticas.

Se espera que el efluente tratado de la instalación contenga concentraciones de demanda bioquímica de oxígeno carbonosa de cinco días ($CBOD_5$) y sólidos suspendidos totales (TSS) bajo los límites de efluentes establecidos en 30 TAC §309.1(b).

Las aguas residuales serán recolectadas mediante estaciones de bombeo ubicadas al lado de los centros de datos y los edificios de operaciones, y serán bombeadas a un sistema de tratamiento biológico empaquetado para su tratamiento.

El sistema de tratamiento biológico empaquetado consistirá de una rejilla de afluente, un tanque de igualación de flujo, una zona de aireación, y un clarificador final con retorno de lodos activados (RAS) y una zona de almacenamiento de lodos, seguido por filtración terciaria con arena y cloración.

Un transportista autorizado retirará los biosólidos semanalmente hacia la Planta de Tratamiento de Aguas Residuales de la Ciudad de Stamford.

El efluente tratado será recolectado en una estación de bombeo final y bombeado a un estanque de evaporación revestida con HDPE ubicada en el sitio.

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

PROPOSED PERMIT NO. WQ0016881001

APPLICATION. Homebound Group LLC, 1301 6th Avenue, Floor 40, New York, New York 10019, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0016881001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 37,000 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the city of Haskell, in Haskell County, Texas 79521. TCEQ received this application on September 17, 2025. The permit application will be available for viewing and copying at Haskell County Library, 300 North Avenue E, Haskell, in Haskell County, Texas prior to the date this notice is published in the newspaper. The application is available for viewing and copying 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=-99.57379,33.142577&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.**

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 Homebound Group LLC at the address stated above or by calling Mr. Michael Montfort, External Manager, at 212-999-5800.

Issuance Date: October 31, 2025

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO PROPUESTO NO. WQ0016881001

SOLICITUD. Homebound Group LLC, 1301 6th Avenue, Floor 40, New York, New York 10019, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016881001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 37,000 galones por día mediante una laguna de evaporacion. La planta y el área de disposición estarán ubicados aproximadamente 2.7 millas al suroeste de la intersección de la calle Red Creek y la autopista U.S. Highway 380, cerca de la ciudad de Haskell, en el Condado de Haskell, Texas 79521. La TCEQ recibió esta solicitud el 17 de septiembre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en la biblioteca del Condado de Haskell, 300 North Avenue E, Haskell, en el condado de Haskell, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud está disponible para su visualización y copia en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.57379,33.142577&level=18

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

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

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

una audiencia administrativa de lo contencioso.

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

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

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

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

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

solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

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

También se puede obtener información adicional de Homebound Group LLC en la dirección indicada arriba o llamando a al Señor Michael Montfort, Gerente Externo, al teléfono 212-999-5800.

Fecha de emisión: 31 de octubre de 2025

Kimley»Horn

September 17, 2025

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC148)
12100 Park 35 Circle
Austin, Texas 78753

RE: **Texas Land Application Permit (TLAP) Application for the Homebound Group Wastewater Treatment Plant**

To Whom It May Concern:

This letter serves to transmit the TLAP application for the Homebound Group Wastewater Treatment Plant.

The permit application follows this letter and has the following attachments:

Attachment 1:	Core Data Form
Attachment 2:	Plain Language Summary
Attachment 3:	Public Involvement Plan Form
Attachment 4:	Original USGS Map
Attachment 5:	Affected Landowner Map
Attachment 6:	Cross Referenced Affected Landowner List
Attachment 7:	Affected Landowner Mailing Labels
Attachment 8:	Site Photo Locations
Attachment 9:	Original Photographs
Attachment 10:	Buffer Zone Map
Attachment 11:	Treatment Process Description
Attachment 12:	Treatment Units
Attachment 13:	Process Flow Diagram
Attachment 14:	Site Drawing
Attachment 15:	Design Calculations
Attachment 16:	FEMA Flood Map
Attachment 17:	Wind Rose
Attachment 18:	Solids Management Plan
Attachment 19:	Liner Certification
Attachment 20:	Well Water Quality Data & Log Information

Attachment 21:	Groundwater Technical Report
Attachment 22:	Water Balance
Attachment 23:	Payment Voucher
Attachment 24:	Warranty Deed

If you have any questions regarding this project, please contact me at 346-439-8113.

Sincerely,

Raul Dominguez, P.E. (Texas License No. 149364)

Kimley-Horn and Associates, Inc.

Texas Firm No. 928

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Homebound Group Wastewater Treatment Plant

PERMIT NUMBER (If new, leave blank): WQ00Click to enter text.

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	☒	☐
Summary of Application (PLS)	☒	☐	Flow Diagram	☒	☐
Public Involvement Plan Form	☒	☐	Site Drawing	☒	☐
Technical Report 1.0	☒	☐	Original Photographs	☒	☐
Technical Report 1.1	☒	☐	Design Calculations	☒	☐
Worksheet 2.0	☐	☒	Solids Management Plan	☒	☐
Worksheet 2.1	☐	☒	Water Balance	☒	☐
Worksheet 3.0	☒	☐			
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: Click to enter text.

Name Printed on Check: Click to enter text.

EPAY — Voucher Number: 783117 & 783118

Copy of Payment Voucher enclosed? Yes ☒ Attachment 23

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 Water Treatment

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

☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: N/A

f. **For existing permits**:

Permit Number: WQ00 N/A

EPA I.D. (TPDES only): TX N/A

Expiration Date: N/A

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

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

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

Homebound Group, 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: 606418077

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

Prefix: N/A

Last Name, First Name: Morrow, Conner

Title: Facility Manager

Credential: N/A

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

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

N/A

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

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

CN: N/A

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

Prefix: N/A Last Name, First Name: Morrow, Conner

Title: Facility Manager Credential: N/A

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: N/A Last Name, First Name: Morrow, Conner

Title: Facility Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 4581 Webb St. City, State, Zip Code: Pryor Creek, OK 74361

Phone No.: 650 – 316 - 9172 E-mail Address: homeboundllctx@gmail.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

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

Title: Facility Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 4581 Webb St. City, State, Zip Code: Pryor Creek, OK 74361

Phone No.: 650 – 316 - 9172 E-mail Address: homeboundllctx@gmail.com

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

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: N/A Last Name, First Name: Morrow, Conner

Title: Facility Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 4581 Webb St. City, State, Zip Code: Pryor Creek, OK 74361

Phone No.: 650 – 316 – 9172 E-mail Address: homeboundllctx@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: N/A Last Name, First Name: Morrow, Conner

Title: Facility Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 4581 Webb St. City, State, Zip Code: Pryor Creek, OK 74361

Phone No.: 650 – 316 – 9172 E-mail Address:homeboundllctx@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77090

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.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: N/A Last Name, First Name: Morrow, Conner

Title: Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 4581 Webb St. City, State, Zip Code: Pryor Creek, OK 74361

Phone No.: 650 – 316 – 9172 E-mail Address: homeboundllctx@gmail.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: Haskell County Library

Location within the building: On the bulletin board in the atrium

Physical Address of Building: 300 N Ave E

City: Haskell County: Haskell

Contact (Last Name, First Name): Joni Bullock, Library Assistant

Phone No.: (940) - 864- 2747 Ext.: N/A

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: Attachment 2

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: Attachment 3

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** N/A

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

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

Homebound Group Wastewater Treatment Plant

C. Owner of treatment facility: Homebound Group, 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: Homebound Group, LLC

Mailing Address: 4581 Webb St. City, State, Zip Code: Pryor Creek, OK 74361

Phone No.: 650 – 316 - 9172 E-mail Address: homeboundllctx@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: N/A

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: Homebound Group, LLC

Mailing Address: 4581 Webb St City, State, Zip Code: Pryer Creek, OK 74361

Phone No.: 650 – 316 - 9172 E-mail Address: homeboundllctx@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: N/A

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

Prefix: XXX Last Name, First Name: XXX

Title: XXX Credential: XXX

Organization Name: XXX

Mailing Address: XXX City, State, Zip Code: XXX

Phone No.: XXX E-mail Address: XXX

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

Attachment:N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

N/A

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:

N/A

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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

☐ Yes ☐ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment: Click to enter text.

D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: Click to enter text.

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☒ No

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

The effluent disposal site is located in the southeast corner of the property, approximately .5 miles northwest of Red Creek Road, which borders the east and south sides of the parcel.

B. City nearest the disposal site: Stamford

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

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

From the wastewater treatment plant, the effluent will be discharged directly by gravity into the evaporation pond located adjacent to the wastewater treatment plant.

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: The rainfall runoff will flow to Red Creek, thence to Paint Creek, thence to Clear Fork Brazos River (Classified Segment #1232) if not contained.

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

N/A

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: N/A

Applicant: Homebound Group, 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): Conner Morrow

Signatory title: Facility Manager

Signature: _____ Date: 9/15/2025

(Use blue ink)

Subscribed and Sworn to before me by the said CONNER MORROW

on this 15TH day of SEPTEMBER, 20 25.

My commission expires on the 10 day of SEPTEMBER, 20 25.

_____

Notary Public

[SEAL]

RAUL FIGUEROA NOTARY PUBLIC #24011339 EXP. 9-10-2028 STATE OF OKLAHOMA

BEXAR

County, Texas

RAUL FIGUEROA NOTARY PUBLIC STATE OF TEXAS ID 134655946 EXP. DEC 19, 2027

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 that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

D. Provide the source of the landowners' names and mailing addresses: Haskell Central Appraisal District

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: N/A

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Waste Permit No:** Click to enter text.

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

   Name of Project or Site: Click to enter text.

   Physical Address of Project or Site: Click to enter text.

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

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

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

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

Electronic Application Submittal ☒ Yes
(See application submittal requirements on page 23 of the instructions.)

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)

Summary of Application (in Plain Language) ☒ 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 42)

A. Existing/Interim I Phase

Design Flow (MGD): 0.031

2-Hr Peak Flow (MGD): 1.24

Estimated construction start date: 11/2026

Estimated waste disposal start date: 03/2028

B. Interim II Phase

Design Flow (MGD): N/A

2-Hr Peak Flow (MGD): N/A

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): N/A

2-Hr Peak Flow (MGD): N/A

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

D. Current Operating Phase

Provide the startup date of the facility: N/A

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

See Attachment 11

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
See Attachment 12		

C. Process Flow Diagram

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

Attachment: Attachment 13

Section 3. Site Information and Drawing (Instructions Page 43)

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

- Latitude: N/A
- Longitude: N/A

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

- Latitude: 33° 8’33.28” N
- Longitude: 99° 34’25.65” 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: Attachment 14

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

The Homebound Group are proposing an industrial site with approximately 1,000 employees onsite throughout a 24-hour day.

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
		Choose an item.	
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☐ Yes ☒ No

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

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

The buffer zone is located completely within the wastewater treatment plant property boundary. See Attachment 10 – Buffer Zone Map.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

N/A

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. *Grease and decanted liquid disposal*

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

Describe how the decant and grease are treated and disposed of after grit separation.

Click to enter text.

E. Stormwater management

1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. *Conditional exclusion*

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

☐ Yes ☐ No

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

Click to enter text.

4. ***Existing coverage in individual permit***

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

☐ Yes ☐ No

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

Click to enter text.

5. ***Zero stormwater discharge***

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

☐ Yes ☒ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

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

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.
N/A

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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.

N/A

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

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

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

☐ Yes ☒ No

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

N/A

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 49)

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 49)

Facility Operator Name: Registered Facility Operator to be Selected at Future Date

Facility Operator's License Classification and Level: N/A

Facility Operator's License Number: N/A

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 50)

A. WWTP's Sewage Sludge or 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 Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Sewage Sludge or Biosolids Management

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

permit will authorize all sewage sludge or biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk	0.38 Dry Metric Tons/ Month or 4.56 Dry Metric Tons/ Year	N/A: Disposal in Landfill	N/A: Disposal in Landfill
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): N/A

D. Disposal site

Disposal site name: Registered TCEQ Permit Landfill to be Selected at a Future Date

TCEQ permit or registration number: N/A

County where disposal site is located: N/A

E. Transportation method

Method of transportation (truck, train, pipe, other): Registered Hauler to be Selected at a Future Date

Name of the hauler: N/A

Hauler registration number: N/A

Sludge is transported as a:

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

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 52)

A. Beneficial use authorization

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

☐ Yes ☒ No

If yes, are you requesting to continue this authorization to land apply biosolids 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 Biosolids	☐ 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 54)

A. Additional authorizations

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

☐ Yes ☒ No

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

N/A

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 55)

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: Conner Morrow

Title: Facility Manager

Signature: _____

Date: 9/15/2025

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 56)

A. Justification of permit need

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

The proposed daily flow is 0.31 MGD. The plant is designed to exclusively serve the domestic needs of a new industrial site with approximately 1000 full-time onsite employees. The flow predictions were developed using average gallons per day per employee plus the anticipated water demands from the industrial buildings, including all kitchens, showers, laundry, etc.

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: N/A

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

Attachment: N/A

2. Utility CCN areas

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

☐ Yes ☒ No

[1] https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater

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

Attachment: N/A

3. ***Nearby WWTPs or collection systems***

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

☐ 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: N/A

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: N/A

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

Attachment: N/A

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☒ No

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

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

A. Current organic loading

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

Average Influent Organic Strength or BOD_5 Concentration in mg/l: N/A

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34): N/A

Provide the source of the average organic strength or BOD_5 concentration.

N/A

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality	0.031	300
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		
Nursing home		
Other		
TOTAL FLOW from all sources	0.031	
AVERAGE BOD_5 from all sources		300

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 58)

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: N/A

Ammonia Nitrogen, mg/l: N/A

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: N/A

Ammonia Nitrogen, mg/l: N/A

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 2 mg/l after 20 minutes detention time at peak flow

Dechlorination process: N/A

☐ Ultraviolet Light: Click to enter text. seconds contact time at peak flow

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: Attachment 15

Section 5. Facility Site (Instructions Page 59)

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 Flood Map Service Center (4808510225B). See Attachment 16

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

☐ Yes ☒ No

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

☐ Yes ☐ No

If yes, provide the permit number: Click to enter text.

If no, provide the approximate date you anticipate submitting your application to the Corps: Click to enter text.

B. Wind rose

Attach a wind rose: Attachment 17

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 59)

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 60)

Attach a solids management plan to the application.

Attachment: Attachment 18

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

- Treatment units and processes dimensions and capacities

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 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 67)

Identify the method of land disposal:

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

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

For existing authorizations, provide Registration Number: N/A

Section 2. Land Application Site(s) (Instructions Page 67)

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
N/A	N/A	N/A	N/A

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 67)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
Pond 1	9	16.40	973’ (W) x 609 (L)	Clay

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: Attachment 19

Section 4. Flood and Runoff Protection (Instructions Page 67)

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.

N/A

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

FEMA Flood Map Service Center (4808510225B). See Attachment 16

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

The proposed WWTP site will be located approximately 60 east left of the proposed evaporation pond area and the proposed evaporation pond spans over an area of approximately 9 acres. The existing grade on both the proposed WWTP site and the proposed evaporation pond area effectively eliminate tailwater effects and rainfall run-on. Run-off of stormwater is minimized to only it's pre-existing amount and intensity by maintaining the natural gentle slope. Evaporation pond practices prevent run-off of effluent through the use of a clay liner to prevent soil saturation.

Section 5. Annual Cropping Plan (Instructions Page 67)

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**: Not Applicable. Evaporation pond will be used on a commercial site where crops will not be grown.

- 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 68)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: Attachment 4

- 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
687466	Test Well	N	Plugged	Plugged

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
687467	Test Well	N	Plugged	Plugged
A687468	Test Well	N	Plugged	Plugged
			Choose an item.	

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

Attachment: Attachment 20

Section 7. Groundwater Quality (Instructions Page 68)

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: Attachment 21

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 69)

A. Soil map

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

Attachment: N/A

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/A

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
N/A				

Section 9. Effluent Monitoring Data (Instructions Page 70)

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 71)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: N/A

Design application frequency:

hours/day N/A **And** days/week N/A

Land grade (slope):

average percent (%): N/A

maximum percent (%): N/A

Design application rate in acre-feet/acre/year: N/A

Design total nitrogen loading rate, in lbs N/acre/year: N/A

Soil conductivity (mmhos/cm): N/A

Method of application: N/A

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

Attachment: N/A

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: 31,000

Attach a separate engineering report with the water balance and storage volume calculations.

Attachment: Appendix 22

C. Evapotranspiration beds

Number of beds: N/A

Area of bed(s), in acres: N/A

Depth of bed(s), in feet: N/A

Void ratio of soil in the beds: N/A

Storage volume within the beds, in acre-feet: N/A

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

Attachment: N/A

D. Overland flow

Area used for application, in acres: N/A

Slopes for application area, percent (%): N/A

Design application rate, in gpm/foot of slope width: N/A

Slope length, in feet: N/A

Design BOD_5 loading rate, in lbs BOD_5/acre/day: N/A

Design application frequency:

hours/day: N/A **And** days/week: N/A

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

Attachment: N/A

Section 2. Edwards Aquifer (Instructions Page 72)

Is the facility subject to *30 TAC Chapter 213*, Edwards Aquifer Rules?

☐ Yes ☒ No

If **yes**, is the facility located on the Edwards Aquifer Recharge Zone?

☐ Yes ☐ No

If yes, attach a geological report addressing potential recharge features.

Attachment: Click to enter text.

ATTACHMENT 1: CORE DATA FORM

TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

☒ 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 606418077		RN

SECTION II: Customer Information

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

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

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:*

Homebound Group, 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)
805869228	32098447892	995141510	N/A

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:

4581 Webb St.

City	State	ZIP	ZIP + 4
Pryor Creek	OK	74361	

16. Country Mailing Information (*if outside USA*)

17. E-Mail Address (*if applicable*)
homeboundllctx@gmail.com

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(650) 316-9172		( ) -

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.)*

Homebound Group Wastewater Treatment Plant

23. Street Address of the Regulated Entity:	N/A							
(No PO Boxes)	**City**		**State**		**ZIP**		**ZIP + 4**	
24. County								

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

25. Description to Physical Location:	The facility will be located at Red Creek Rd, approximately 2.7 miles south from the intersection of Red Creek Rd and FM 380, in the City of Haskell, Haskell County, Texas 79521.

26. Nearest City	**State**	**Nearest ZIP Code**
Haskell	TX	79521

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:	33.14257778		**28. Longitude (W) In Decimal:**	99.57379167	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	33.28	99	34	25.65

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)
7374	4952	518210	221320

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

ndustrial Site for Computer Processing

34. Mailing Address:	**4581 Webb St.**							
	City	**Pryor Creek**	**State**	**OK**	**ZIP**	**74361**	**ZIP + 4**	

35. E-Mail Address:	**homeboundllctx@gmail.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(650) 316-9172		**( ) -**

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

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:

SECTION IV: Preparer Information

40. Name:	Raul Dominguez	**41. Title:**	P.E.

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(346) 439-8113		( ) -	raul.dominguez@kimley-horn.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:	Homebound Group, LLC	**Job Title:**	Facility Manager
Name *(In Print):*	Conner Morrow	**Phone:**	(650) - 316 - 9172
Signature:		**Date:**	9/15/2025

ATTACHMENT 2: PLAIN LANGUAGE SUMMARY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

The Homebound Group, LLC (CN606418077) proposes to operate The Homebound Group Wastewater Treatment Plant ((RN N/A), a 0.031 MGD wastewater treatment plant that will be used to serve a new industrial site. The facility will be located at Red Creek Rd, approximately 2.7 miles south from the intersection of Red Creek Rd and FM 380, in the City of Haskell, Haskell County, Texas 79521. This is a Texas Land Application Permit (TLAP) to authorize the disposal of treated wastewater at a volume not to exceed 31,000 gallons per day via an adjacent evaporation pond that is approximately 9 acres. This permit will not authorize a discharge of pollutants into waters in the state.

Discharges from the facility are expected to contain standard domestic wastewater pollutants, such as five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and Escherichia coli. Domestic wastewater will be treated by an activated sludge process plant with the following treatment units: a

manual bar screen, an equalization basin, aeration basins, clarifiers, aerobic digesters, chlorine contact basins and then disposed through an evaporation pond.

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

AGUAS RESIDUALES DOMÉSTICAS **/AGUAS PLUVIALES**

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

Homebound Group, LLC (CN606418077) propone operar la planta de Homebound Group (RN N/A), una planta de tratamiento de aguas residuals con un caudal de 0.031 millones de galones diarios, para tratar el flujo de drenaje de un sitio industrial. La instalación estará ubicada en Red Creek Rd, aproximadamente a 2.7 millas al sur de la intersección de Red Creek Rd y FM 380, en la ciudad de Haskell, Condado de Haskell, Texas 79521. Esto es un Permiso de Solicitud de Tierras de Texas (TLAP) para autorizar la eliminación de aguas residuales tratadas en un volumen que no exceda 31,000 galones por día a través de un estanque de evaporación adyacente que tiene aproximadamente 9 acres. Este permiso no autorizará una descarga de contaminantes en las aguas en el estado.

Se espera que las descargas de la instalación contengan contaminantes estándar de aguas residuals, como la demanda bioquímica de oxígeno carbonoso de cinco días ($CBOD_5$), sólidos suspendidos totales (TSS), nitrógeno amoniacal (NH_3-N) y Escherichia coli. Las aguas residuals domésticas. estará tratado por una planta de proceso de lodos activados con las siguientes unidades de tratamiento: reja manual, un tanque de equalizacion, tanques de aireación, tanque clarificadores, tanques digestores aeróbicos, tanques de contacto con cloro, y luego se eliminaran a través de un estanque de evaporación.

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 1: Industrial Wastewater TPDES Application (ENGLISH)

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.

Example 2: Domestic Wastewater TPDES Renewal 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 Texas Administrative Code 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.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

This application is for a renewal to discharge at an annual average flow of 1,200,000 gallons per day of treated domestic wastewater via Outfalls 001 and 002.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 3: Domestic Wastewater TPDES New 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 Texas Administrative Code 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.

The City of Texas (CN000000000) proposes to operate the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

This application is for a new application to discharge at a daily average flow of 200,000 gallons per day of treated domestic wastewater.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand ($CBOD_5$), total suspended solids (TSS), ammonia nitrogen (NH_3-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 4: Domestic Wastewater TLAP Renewal 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 Texas Administrative Code 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.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

This application is for a renewal to dispose a daily average flow not to exceed 76,500 gallons per day of treated domestic wastewater via public access subsurface drip irrigation system with a minimum area of 32 acres. This permit will not authorize a discharge of pollutants into water in the state.

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD_5), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.

ATTACHMENT 3: PUBLIC INVOLVEMENT PLAN FORM

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

☒ New Permit or Registration Application

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

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

Section 2. Secondary Screening

☒ Requires public notice,

☐ Considered to have significant public interest, **and**

☐ Located within any of the following geographical locations:

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

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

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

This particular discharge permit is not expected to have significant public interest due it being a small industrial site that will only have approximately 1000 on-site employees.

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

☒ Texas Land Application Permit (TLAP)

☐ State Only Concentrated Animal Feeding Operation (CAFO)

☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

The Homebound Group, LLC proposes to operate a wastewater treatment plant. The facility will be located approximately 20 miles east of Haskell, TX and near the intersection of Red Creek Rd & Loop Rd, in Haskell, Haskell County, Texas 79521.

The plant is sized to serve industrial & potable wastewater. The total average daily flow is projected to be ultimately 31,000 GPD.

Discharges from the facility are expected to contain five-day biological oxygen demand (BOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), phosphorus (P), and dissolved oxygen (DO). The domestic wastewater will be treated by a conventional activated sludge process plant and the treatment units include a manual bar screen, aeration basins, clarifiers, chlorine contact basins, and sludge digesters.

Section 5. Community and Demographic Information

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

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

Haskell

(City)

Haskell County

(County)

Haskell County, Texas United States Census Tract #48207950300

(Census Tract)

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

☐ City ☐ County ☒ Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

83.3%

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

$30,665

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

Minority 28.65%: American Indian 0.8%, Asian 0.4%, Black or African American 3.55%, Hispanic or Latino 23.8%, Other 0.086% I Remaining: White 71.35%

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

20.5% (Language Other Than English Spoken at Home in Haskell County, Texas)

(e) Languages commonly spoken in area by percentage

English: 79.5%
Spanish: 19.2%

(f) Community and/or Stakeholder Groups

Unknown

(g) Historic public interest or involvement

Unknown

Section 6. Planned Public Outreach Activities

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If Yes, please describe.

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

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

☒ Yes ☐ No

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

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

☑ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ TCEQ Regional Office ☐ TCEQ Central Office

☑ Public Place (specify) Haskell County Library

Section 7. Voluntary Submittal

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

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

☐ Yes ☐ No

What types of notice will be provided?

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

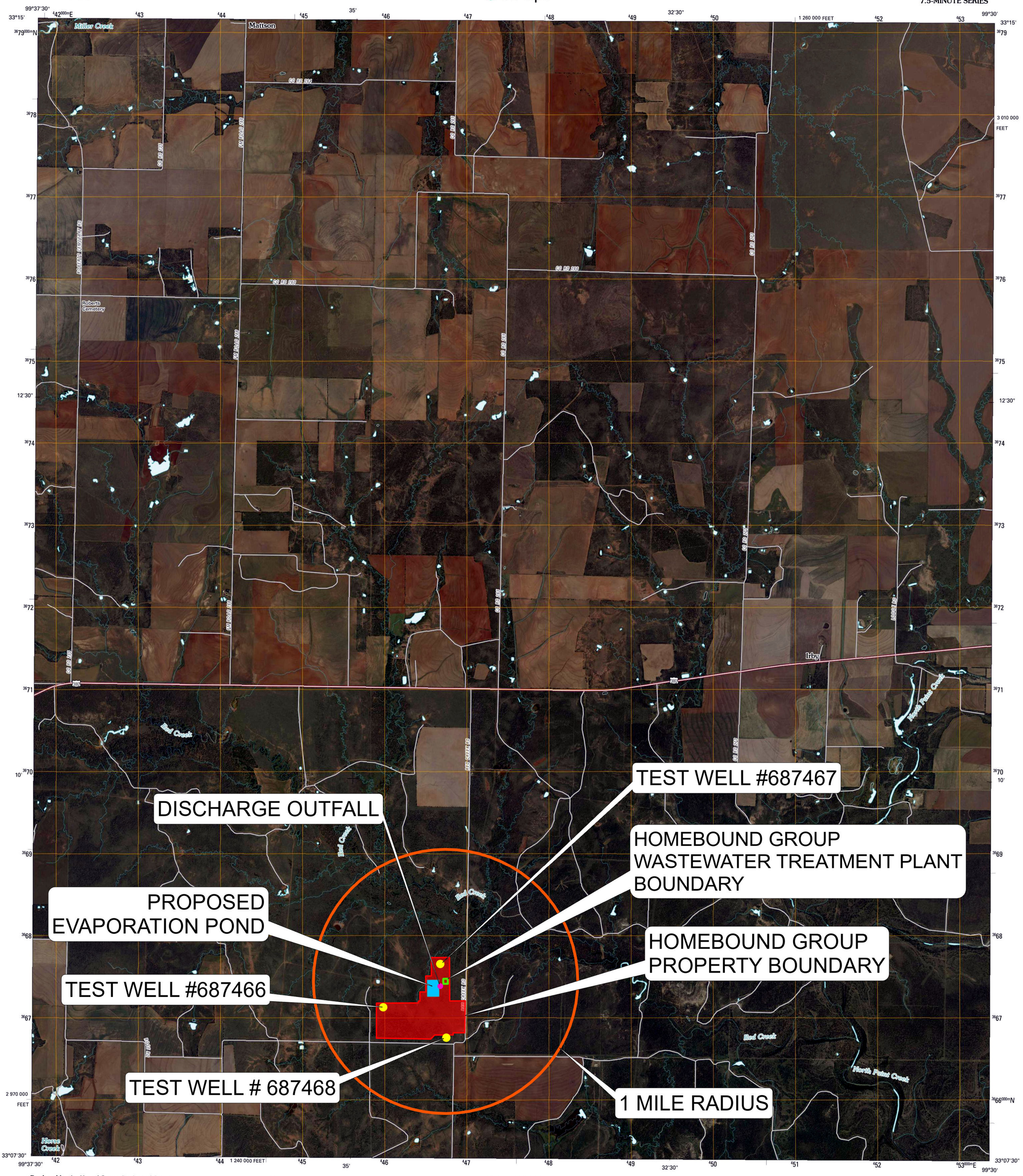
☐ Other (specify)

ATTACHMENT 4: ORIGINAL USGS MAP

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

The National Map US Topo

IRBY QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Texas Coordinate System of 1983
(north central zone)

Imagery.....NAIP, September 2008
Roads.....US Census Bureau TIGER data with limited USGS updates, 2008
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 1995
Contours.....National Elevation Dataset, 2005

UTM GRID AND 2010 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
MB
Grid Zone Designation
14S

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET

This map was produced to conform with version 0.5.10 of the draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is also draft version 0.5.10

QUADRANGLE LOCATION

Weinert	Mattson	Antelope Creek SW
Haskell	Irby	Reynolds Bend NW
Lake Stamford West	Lake Stamford East	Hoover Mountain

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION
Interstate Route
US Route
Ramp
State Route
Local Road
4WD

IRBY, TX
2010

Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

EX

ATTACHMENT 4

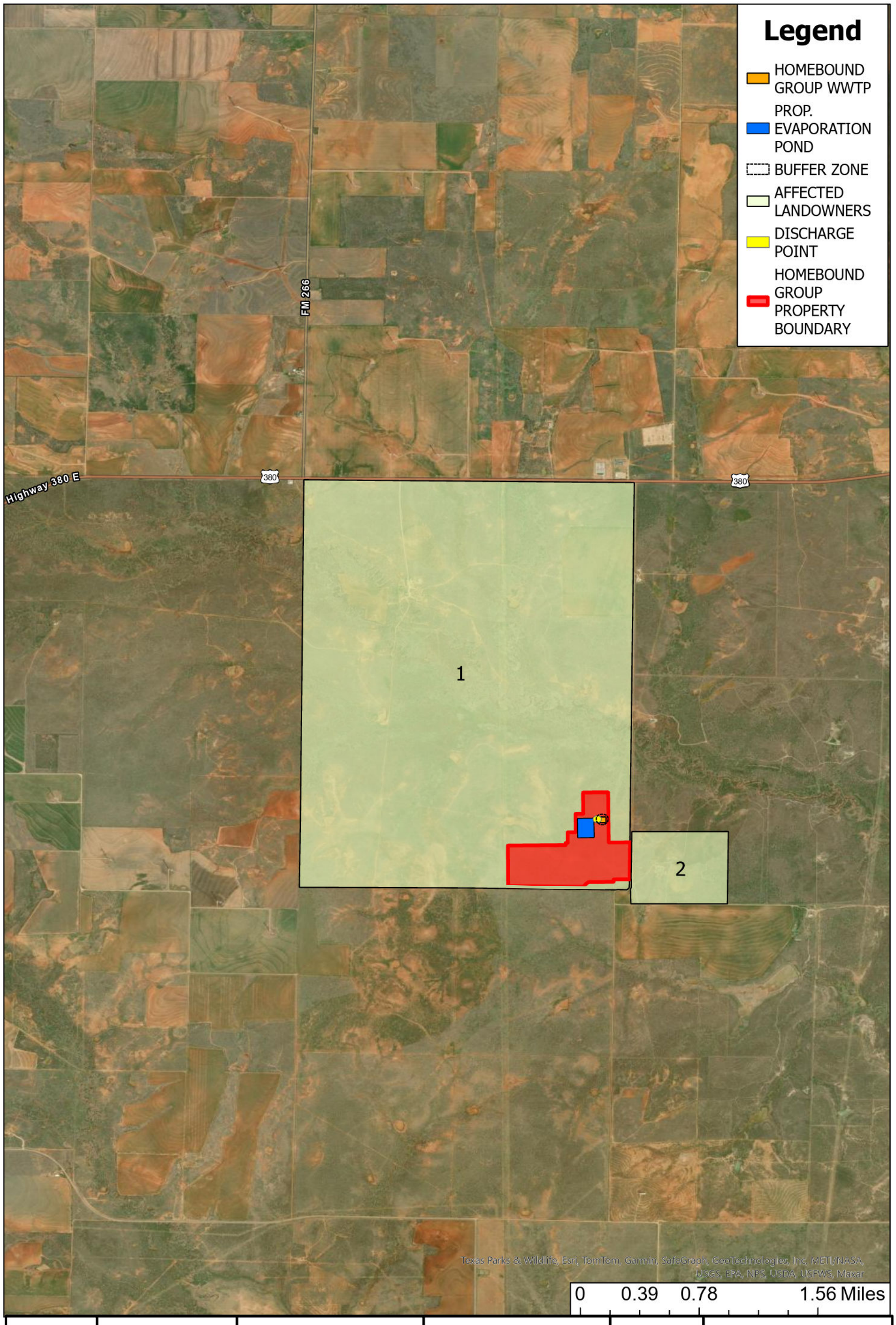
HOMEBOUND GROUP
WASTEWATER TREATMENT PLANT

ORIGINAL USGS MAP

DOMESTIC WASTEWATER PERMIT

DATE:	09/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

ATTACHMENT 5: AFFECTED LANDOWNERS MAP



EX

DATE:	9/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

ATTACHMENT 5

TLAP PERMIT APPLICATION

AFFECTED LANDOWNER MAP

HOMEBOUND GROUP WWTP

No.	Revision	By	Date

ATTACHMENT 6: CROSSED REFERENCED LANDOWNERS LIST

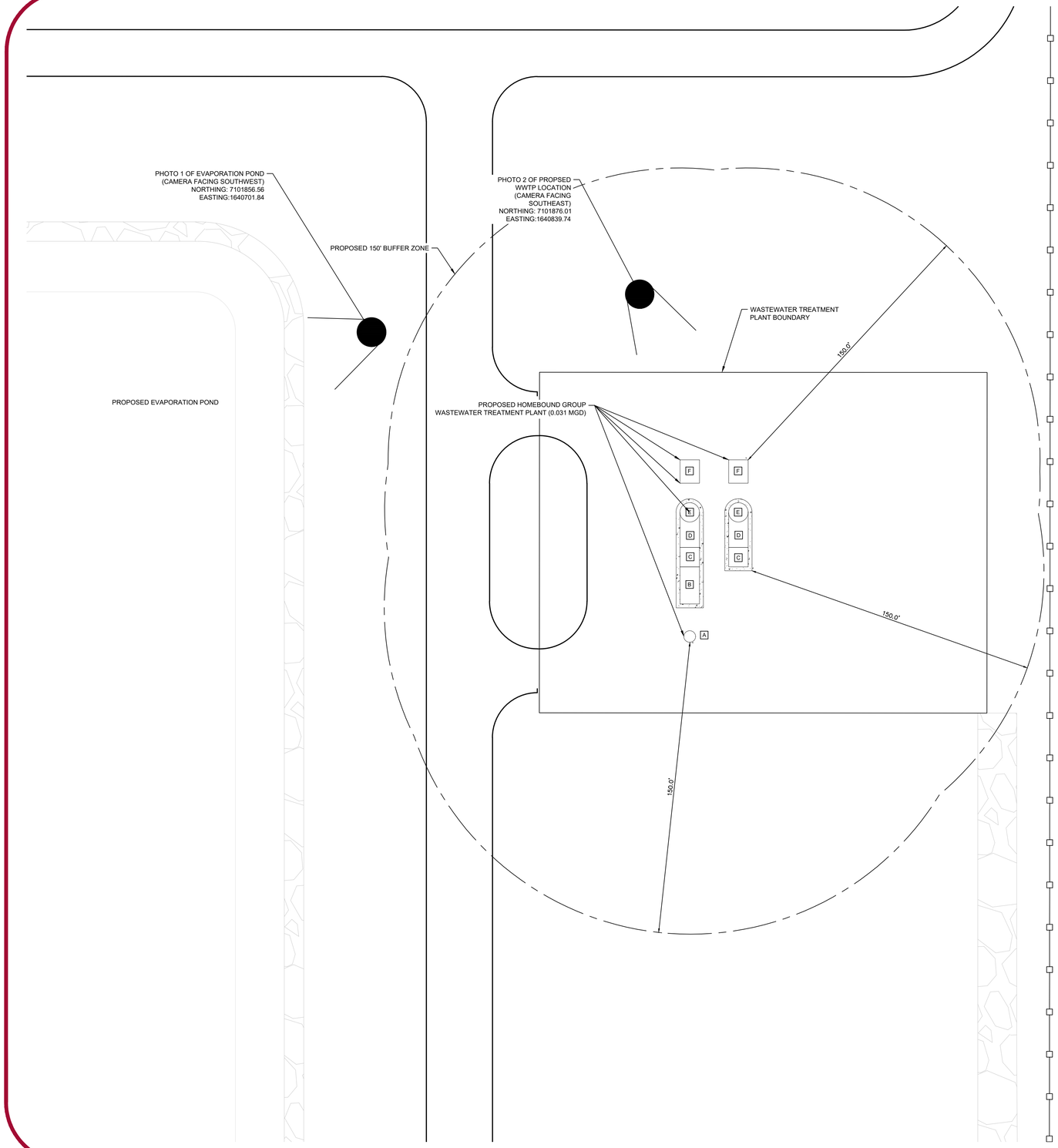
PARCEL #	LANDOWNER NAME	MAILING ADDRESS
1	FLAT TOP EIGHT RANCHES	PO BOX 2798, ALBANY TX 76430-1616
2	4 NIETOS LTD	272 REIDS BEND, BASTROP TX 78602-7791

ATTACHMENT 7: AFFECTED LANDOWNER MAILING LABELS

4 NIETOS LTD
272 REIDS BEND
BASTROP, TX 78602-7791

FLAT TOP EIGHT RANCHES
PO BOX 2798
ALBANY, TX 76430-1616

ATTACHMENT 8: SITE PHOTO LOCATIONS



GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND	
	HOMEBOUND GROUP PROPERTY LINE
	PROPOSED FENCE LINE
	150' BUFFER ZONE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED CONCRETE

HOMEBOUND GROUP WWTP TREATMENT UNITS	
A	INFLUENT LIFT STATION
B	EQUALIZATION BASIN
C	AEROBIC DIGESTER BASIN
D	AERATION BASIN
E	CLARIFIER
F	CHLORINE CONTACT BASIN

SITE PHOTO
LOCATIONS

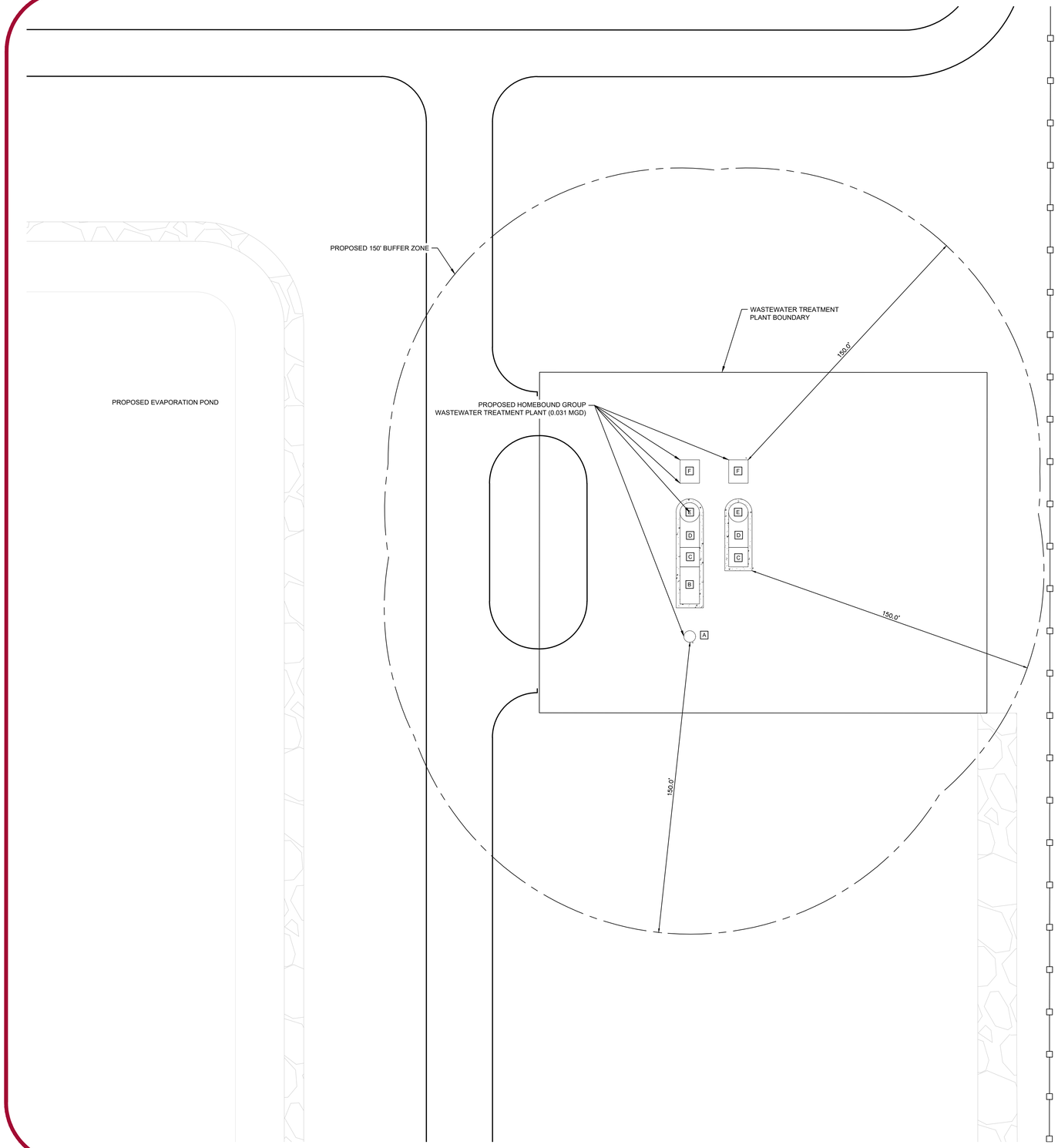
Kimley»Horn

ATTACHMENT 9: ORIGINAL PHOTOGRAPHS

Photo 1: Proposed Evaporation Pond Location (Camera Facing Southwest)

Photo 2: Proposed Wastewater Treatment Plant Location (Camera Facing Southeast)

ATTACHMENT 10: BUFFER ZONE MAP



GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND	
	HOMEBOUND GROUP PROPERTY LINE
	PROPROSED FENCE LINE
	150' BUFFER ZONE
	PROPOSED ASPHALT PAVEMENT
	PROPOSED CONCRETE

HOMEBOUND GROUP WWTP TREATMENT UNITS	
A	INFLUENT LIFT STATION
B	EQUALIZATION BASIN
C	AEROBIC DIGESTER BASIN
D	AERATION BASIN
E	CLARIFIER
F	CHLORINE CONTACT BASIN

BUFFER ZONE MAP

Kimley»Horn

ATTACHMENT 11: TREATMENT PROCESS DESCRIPTION

Attachment 11 – Treatment Process Description

0.031 MGD

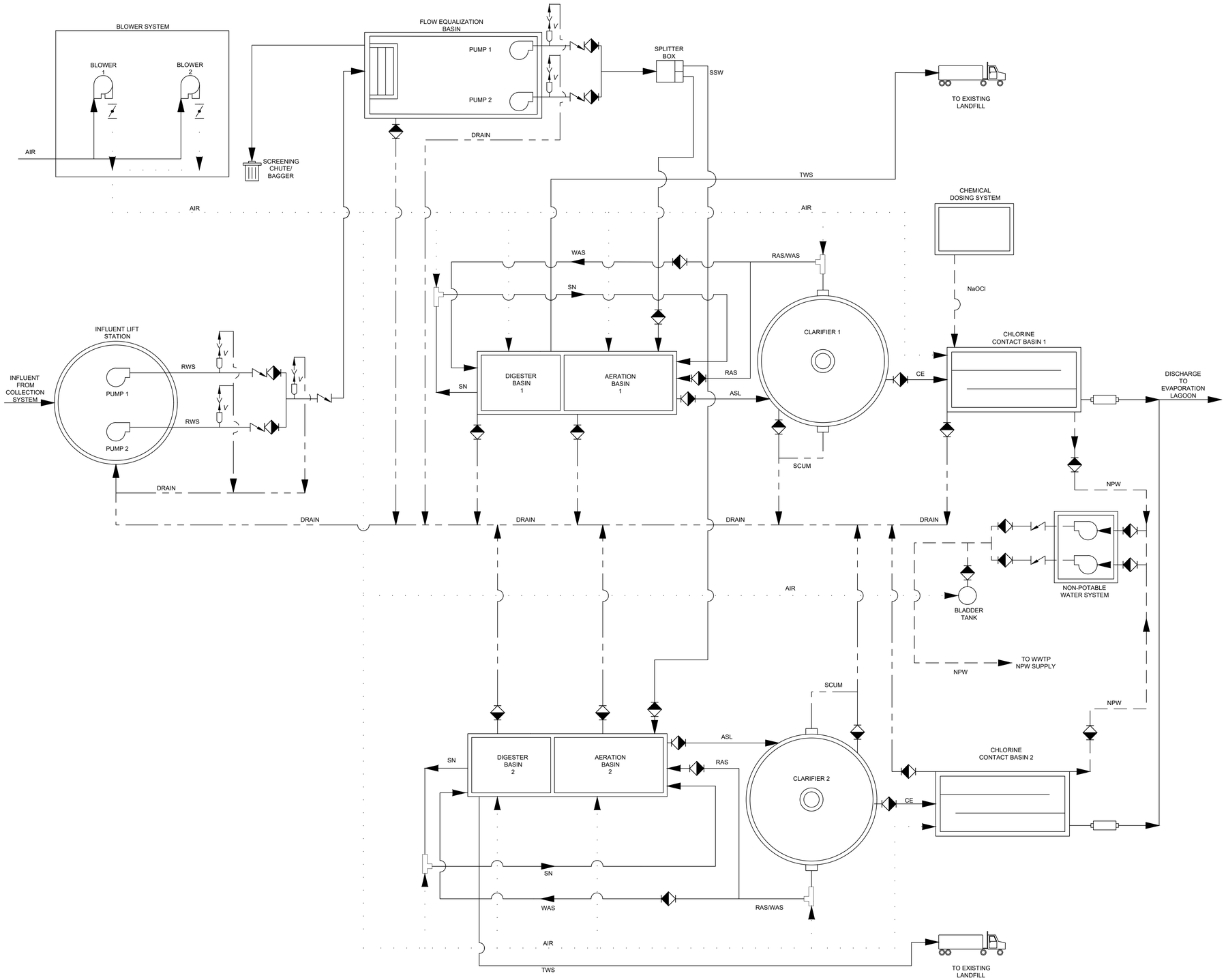
The proposed wastewater treatment process is a complete-mix activated sludge process that has one equalization basin, two aeration basins, two clarifiers, two chlorine contact basins, and two aerobic digesters. The influent flow is pumped onsite by a duplex lift station through two pumps and is discharged into a coarse bar screen located over the equalization basin. The equalization basin contains a duplex submersible pump station that conveys the screened wastewater to a splitter box located above one of the aeration basins. The splitter box splits the screened wastewater flow by gravity to the aeration basins. The aeration basins are aerated by a series of coarse bubble diffusers supplied by two blowers. After the aeration basins, the process flow enters the clarifiers that have a return flow back to the aeration basins via an airlift or can be sent to the aerobic digesters to be stabilized and held for thickening. The clarified effluent then flows into the chlorine contact basins that are disinfected by a liquid chlorine (sodium hypochlorite) system. The dosage rate for chlorine is flow paced by measuring the water height over a v-notch weir through the use of a transducer. Once disinfected the effluent then flows by gravity to the evaporation lagoon.

ATTACHMENT 12: TREATMENT UNITS

Attachment 12 – Treatment Units

Proposed Treatment Units – 0.031 MGD		
Treatment Unit Type	**No. of Units**	**Dimensions (LxWxH, Dia.)**
Proposed Lift Station	1	6’ Dia.
Proposed Aeration Basin	2	10’ x 15’ x 12.17’
Proposed Clarifier	2	12.17’, 10’ Dia.
Proposed Chlorine Contact Basin	2	12’ x 6’ x 10’
Proposed Aerobic Digester	2	10’ x 10’ x 11.17’
Proposed Equalization Basin	1	19’ x 10’ x 11.17’

ATTACHMENT 13: PROCESS FLOW DIAGRAM



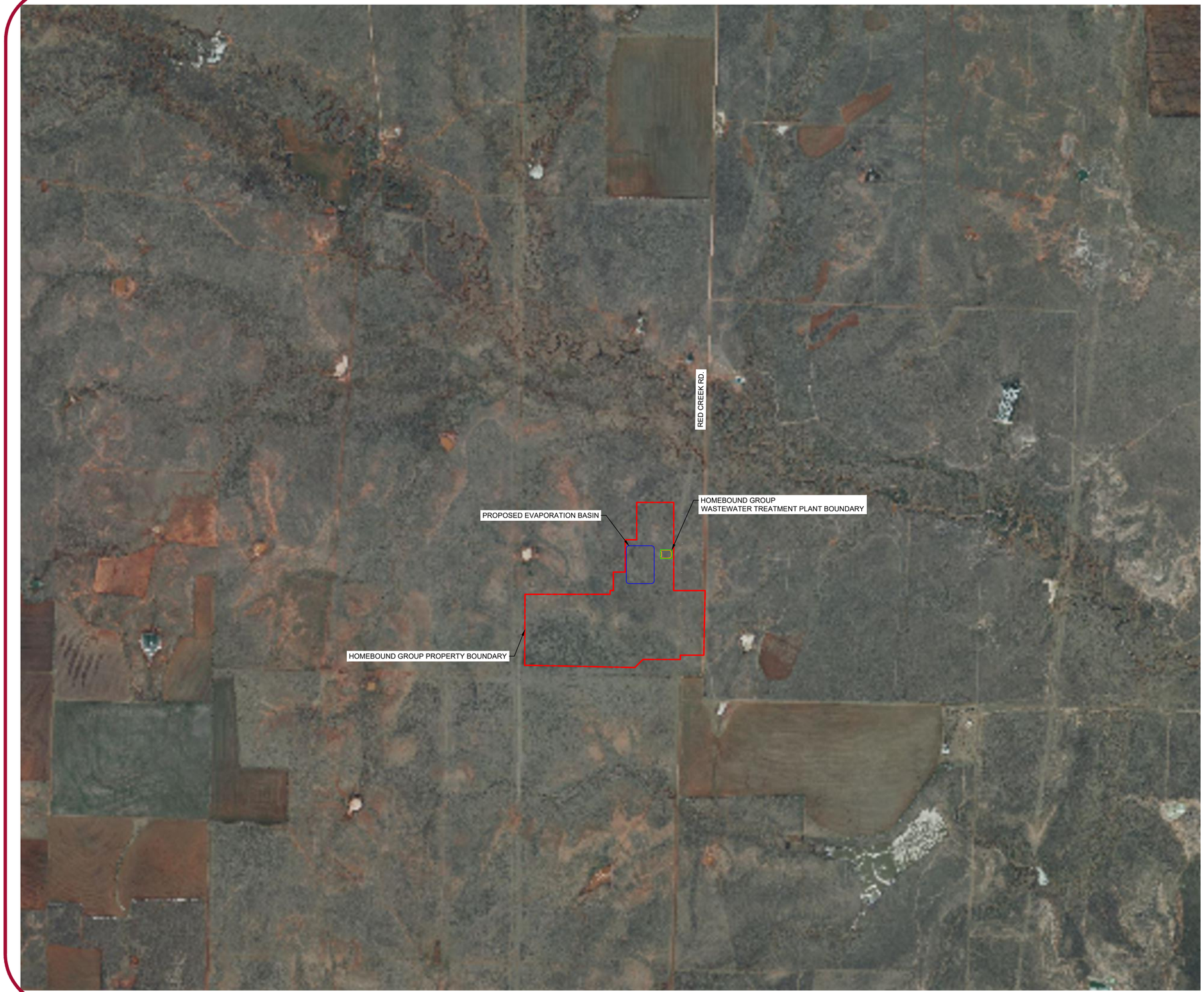
LEGEND

	PROCESS LINE
. . . . .	AIR LINE
— — — —	CHEMICAL FEED LINE
— - — - —	DRAIN LINE
— — — —	NON-POTABLE WATER LINE
ASL	ACTIVATED SLUDGE
WAS	WASTE ACTIVATED SLUDGE
RAS	RETURN ACTIVATED SLUDGE
NPW	NON-POTABLE WATER
TWS	THICKENED WASTE SLUDGE
SN	SUPERNATANT
CE	CLARIFIER EFFLUENT
DE	DISINFECTED EFFLUENT
RWS	RAW SEWAGE
SSW	SCREENED SEWAGE
NaOCl	SODIUM HYPOCHLORITE
	ULTRASONIC TRANSDUCER
	CHECK VALVE
	PLUG VALVE
V	AIR RELEASE VALVE
	PUMP
	AIR LIFT PUMP
	BLOWER
	SCREENING CHUTE/ BAGGER

ATTACHMENT 13
PROCESS FLOW DIAGRAM

Kimley»Horn

ATTACHMENT 14: SITE DRAWING



NORTH

HORIZONTAL SCALE: 1" = 1000'
FOR 11x17 PLOT, SCALE: 1" = 2000'

0 1000 2000 3000

LEGEND	
	HOMEBOUND GROUP WWTP PROPERTY BOUNDARY
	PROPOSED EVAPORATION POND
	HOMEBOUND GROUP PROPERTY BOUNDARY

SITE DRAWING

Kimley»Horn

ATTACHMENT 15: DESIGN CALCULATIONS

Project:	Homebound Group WWTP	**Design:**	PJUD
KHA No:	065017911	**Check:**	RED
Date:	**September 3, 2025**		

ATTACHMENT 15

WWTP DESIGN CALCULATIONS - Summary Sheet

See Design Calculations Attachments

0.031 MGD

		Total Required	Total Provided	
EQUALIZATION BASIN	**Volume**	2,072 ft^3	2,122 ft^3	✓
AERATION BASIN	**Volume**	2,216 ft^3	3,000 ft^3	✓
CLARIFIER	**Weir Length**	6 ft	57 ft	✓
	Surface Area	103 ft^2	157 ft^2	✓
	Volume	1,243 ft^3	1,676 ft^3	✓
AEROBIC DIGESTER	**Volume**	1,671 ft^3	2,234 ft^3	✓
CHLORINE CONTACT BASIN	**Volume**	230 ft^3	1,080 ft^3	✓
AIR CAPACITY	**Equalization Basin Capacity**	40 scfm	50 scfm	✓
	Rest of Treatment Capacity	318 scfm	350 scfm	✓

Project:	**Homebound Group WWTP**	**Design:**	**PJUD**
KHA No:	**065017911**	**Check:**	**RED**
Date:	**September 3, 2025**		

DESIGN CALCULATIONS - 0.031 MGD

Flow Calculations

Design Flow - Figure: 30 TAC §217.32(a)(3)

Phase	1	
Source	Municipality	
Assumed Population	937	
Average Wastewater Flow per Capita	13	
Average Wastewater Flow Total	12,181	gpd
TAC Factor	2.54	
Average Wastewater Flow Design	31,000	gpd

Influent Wastewater Flows

Average Daily Flow	31,000	gpd	22	gpm
Peaking Factor	4.0			
2-Hour Peak Flow	124,000	gpd	86	gpm

Influent Wastewater Characteristics

Min. Wastewater Temp. (Tmin)	15
Max. Wastewater Temp. (Tmax)	25

	Concentration		Organic Loading	
BOD	300	mg/L	77.6	ppd
TSS	300	mg/L	77.6	ppd
NH_3-N	60	mg/L	15.5	ppd

Effluent Wastewater Characteristics (Permit Limits)

	Concentration		Organic Loading	
BOD	10	mg/L	2.6	ppd
TSS	15	mg/L	3.9	ppd
NH_3-N	3	mg/L	0.8	ppd
DO	6	mg/L		

EQUALIZATION BASIN

Proposed Equalization Basin Dimensions

Number of EQ Basins	1			
EQ Basins Length	19	ft		
EQ Basin Width	10	ft		
Side Water Depth of EQ Basin	11.17	ft		
EQ Basin Volume	2,122	ft^3	15,875	gal

Check Equalization Basin Dimensions

Hold 50% of the Average Design Flow	2,072	ft^3	15,500	gal

✓ **REQUIRED VOLUME PROVIDED**

AERATION BASIN DESIGN

TCEQ Aeration Basin Criteria

Process Description	Conventional Activated Sludge Process With Nitrification When Reactor Temperatures Exceed 15C

DESIGN CALCULATIONS - 0.031 MGD

Maximum Organic Loading Rate	35	lbs BOD/1,000 ft^3		*per TAC §217.154(b)(2)*
Minimum Free Board	1.5	ft		*per TAC §217.153(b)(1)*
Minimum Aeration Volume	2,216	ft^3		

Proposed Aeration Basin Dimensions

Number of Aeration Basins	2			
Aeration Basins Length	15	ft		
Aeration Basin Width	10	ft		
Height of Aeration Basin (Top of Wall)	12.17	ft		
Average Side Water Depth at Average Flow	10.00	ft		*Average ADF SWD in Aeration Basins No. 1 and 2*
Max Side Water Depth at Peak Flow	10.67	ft		*Peak SWD in Aeration Basin No. 1*
Proposed Free Board at Peak Flow	1.50	ft	✓	
Aeration Basin Volume	3,000	ft^3	22,440 gal	*Based on ADF*
Hydraulic Retention Time	17.37	hr		

✓ **REQUIRED VOLUME PROVIDED**

CLARIFIER DESIGN

TCEQ Clarifer Criteria

Process Description	Activated Sludge - Secondary, Enhanced Secondary, or Secondary With Nitrification			
Maximum Surface Loading at Peak Flow	1,200	gpd/ft^2		*per TAC §217.154(c)(1)*
Minimum Detention Time	1.8	hr		*per TAC §217.154(c)(1)*
Minimum Free Board	1.0	ft		*per TAC §217.153(b)(2)*
Minimum Side Water Depth	8.0	ft		*per TAC §217.152(g)(2)*
Maximum Weir Loading Rate	20,000	gpd/ft		*per TAC §217.152(d)(4-5)*
Maximum Vertical Velocity in Stilling Well	0.15	ft/s		*per TAC §217.152(a)(4)*

Proposed Clarifer Dimensions

Number of Clarifiers	2			
Clarifier Diameter	10	ft		
Clarifier Bottom Slope	8.3%			
Clarifier Height (Including Cone)	12.17	ft		
Clarifier Side Water Depth at Peak Flow	10.67	ft	✓	
Calculated Free Board	1.50	ft	✓	
Stilling Well Diameter	4.0	ft		
Weir Length	57	ft		
Actual Surface Area	157	ft^2		
Actual Clarifier Volume	1,676	ft^3	12,537 gal	

Check Clarifier Dimensions

Proposed Peak Flow Detention Time	2.4	hr	✓
Proposed Surface Loading Rate at Peak Flow	789	gpd/ft	✓
Proposed Weir Loading Rate	2,193	gpd/ft	✓
Proposed Stilling Well Vertical Velocity	0.02	ft/s	✓

✓ **REQUIRED VOLUME PROVIDED**
✓ **REQUIRED SURFACE AREA PROVIDED**
✓ **REQUIRED WEIR LENGTH PROVIDED**

AEROBIC DIGESTER DESIGN

Proposed Digester Dimensions

Number of Digester Basins	2		
Digester Basins Length	10	ft	
Digester Basin Width	10	ft	
Side Water Depth of Digester Basin	11.17	ft	
Digester Basin Volume	2,234	ft^3	16,710 gal

DESIGN CALCULATIONS - 0.031 MGD

Check Digester Dimensions

% of Volatile Solids (%VS)	80%			
% Volatile Solids Destroyed in Digestion (%VSD)	40%			
MLSS Concentration	25,000	mg/L	*Assumed 2.5% Solids Concentration in Digester per TAC §217.249(t)(7)(A)*	
Solids Holding Time	40	days		*per 30 TAC §217.249(t)(4)(B)*
Mass of Influent Solids	78	ppd		
Mass of Digested Solids	53	ppd		
Average Solids in Digester	65	ppd		
Total Solids in Digester Based on SRT	2,606	lbs		*= Average Solids * SRT*
Minimum Required Digester Volume	1,671	ft^3	12,498 gal	*= Total Solids / MLSS Concentration*

✓ **REQUIRED VOLUME PROVIDED**

CHLORINE CONTACT BASIN DESIGN

Proposed Chlorine Contact Basin Dimensions

Number of Basins	2			
Basin Width	12	ft		
Basin Height (Top of Wall)	6	ft		
Basin Length	10	ft		
Calculated Side Water Depth Peak Flow	4.50	ft		
Free Board	1.50	ft		
Actual Volume	1,080	ft^3	8,078 gal	

Check Chlorine Contact Dimensions

Min. Detention Time at Peak Flow	20	minutes		*minimum chlorine contact time of 20 minutes at the peak flow*
Min. Volume Required	230	ft^3	1,722 gal	

✓ **REQUIRED VOLUME PROVIDED**

SODIUM HYPOCHLORITE DOSAGE DESIGN

Sodium Hypochlorite Dosing Requirements

Type of Effluent	Nitrified Effluent			
Chlorine Concentration	6	mg/L		*per TAC Ch. 217.272 (b)*
Required Peak Chlorine Dosage	6.20496	lbs/d	$PPD = Q \times D \times 8.34$	*per Figure: 30 TAC §217.272(a)*
Required Average Chlorine Dosage	1.55124	lbs/d		
Chlorine Concentration by Weight in Sodium Hypochlorite	9.5%			*per Thelma proposal*
Density of Water	8.34	lbs/gal		
lbs of Chlorine per gallon of Sodium Hypochlorite	0.7923	lbs/gal		
$R = \frac{PPD}{24 \times C}$				*per TAC Ch. 217.280 (b) (1)(C) Equation K.4*
Peak Gallons of Sodium Hypochlorite per Hour	0.326	gal/hr		
Average Gallons of Sodium Hypochlorite per Hour	0.082	gal/hr		
Maximum Number of Days of Storage	30	days		*per TAC Ch. 217.280 (d) (1)*
Maximum On-Site Storage	58.7	gal		
Proposed On-Site Storage	50.0	gal		
Days of Storage Provided at Average Daily Flow	25.5	days		

✓ **REQUIRED STORAGE PROVIDED**

AIR CAPACITY DESIGN

Equalization Basin Airflow Requirement

Minimum DO level	1	mg/L	*per TAC §217.128 (c)*
Required Mixing Air Rate	32	scfm	*per Metcalf 5-3, pg 344, 4th Ed.*
Calculated Air Flowrate (Based on Mixing)	**40**	scfm	
Blower Capacity	50	scfm	
Number of Blowers	2		
Firm Blower Capacity	50	scfm	

DESIGN CALCULATIONS - 0.031 MGD

✓ **ADDITIONAL CAPACITY REQUIRED**

Aeration Basin Airflow Requirement			
Calculated Oxygen Required	2.20	lbs O_2/lb BOD_5	*From TAC Chapter 217.155 Equation F.2 and Table F.3*
Depth of Difffuser	9.00	ft	*based on avg ADF and assuming 1 foot of bottom of basin*
Submergence Correction Factor	1.690		*per TAC Ch. 217.155 (b)(2)(D)*
Clean Water Transfer Efficiency	0.090		*per AUC Diffuser Cut Sheet*
Type of Bubble Diffuser	Coarse		
Wastewater Oxygen Transfer Efficiency	0.06		*per TAC Ch. 217.155 (b)(2)(B)(i) .65 coarse/0.45 fine*
Calculated Air Flowrate (Based on Loading Rate)	198	scfm	*TAC Chapter 217.155 Equation F.4*
Calculated Air Flowrate (Based on Mixing)	73	scfm	*per TAC Ch. 217.155 (b)(3)(B) = .02*Volume of Basin*
Total Airflow Requirement for Aeration Basin	**198**	scfm	
Airflow Provided by Diffusers	297.7	scfm	*150% increase to diffuser airflow*
Minimum Diffusers	6		*assuming 50 scfm per drop*
Aerobic Digester Airflow Requirement			
Required Mixing Air Rate	30.0	scfm/1,000 cf	*TAC Chapter 217.249 (t)(7)(G)*
Calculated Air Flowrate (Based on Mixing)	**67**	scfm	
Chlorine Contact Basin Airflow Requirement			
Effluent DO Concentration	6.0	mg/L	
Initial DO Concentration	0.0	mg/L	*Assumed for conserative estimate*
Required Oxygen at Peak Flow	6.2	lb/d	
Percent of Oxygen in Air	23%		*TAC Chapter 217.155 Equation F.4*
Transfer Efficiency	8.40%		
Density of Air	0.075	lb air/ cf	
Calculated Required Airflow	**3.0**	**scfm**	*TAC Chapter 217.155 Equation F.4*
Airflow Provided by Diffusers	4.5	scfm	*150% increase to diffuser airflow*
Minimum Diffusers	1		*assuming 10 scfm per drop*
Airlift Airflow Requirement			
Number of RAS/WAS Airlifts	2		
RAS Airflow	10	scfm	
Total RAS Airflow Required	20	scfm	
Number of Supernatant Airlifts	2		*one per digester*
Supernatant Airflow	10	scfm	
Number of SCUM Airlifts	2		
SCUM Airflow	10	scfm	
Total SCUM Airflow Required	20	scfm	
Total Airlift Airflow Required	**50**	scfm	
Total Airflow Requirement	318	scfm	
Blower Capacity	350	scfm	
Number of Blowers	2		
Firm Blower Capacity	350	scfm	

✓ **REQUIRED CAPACITY PROVIDED**

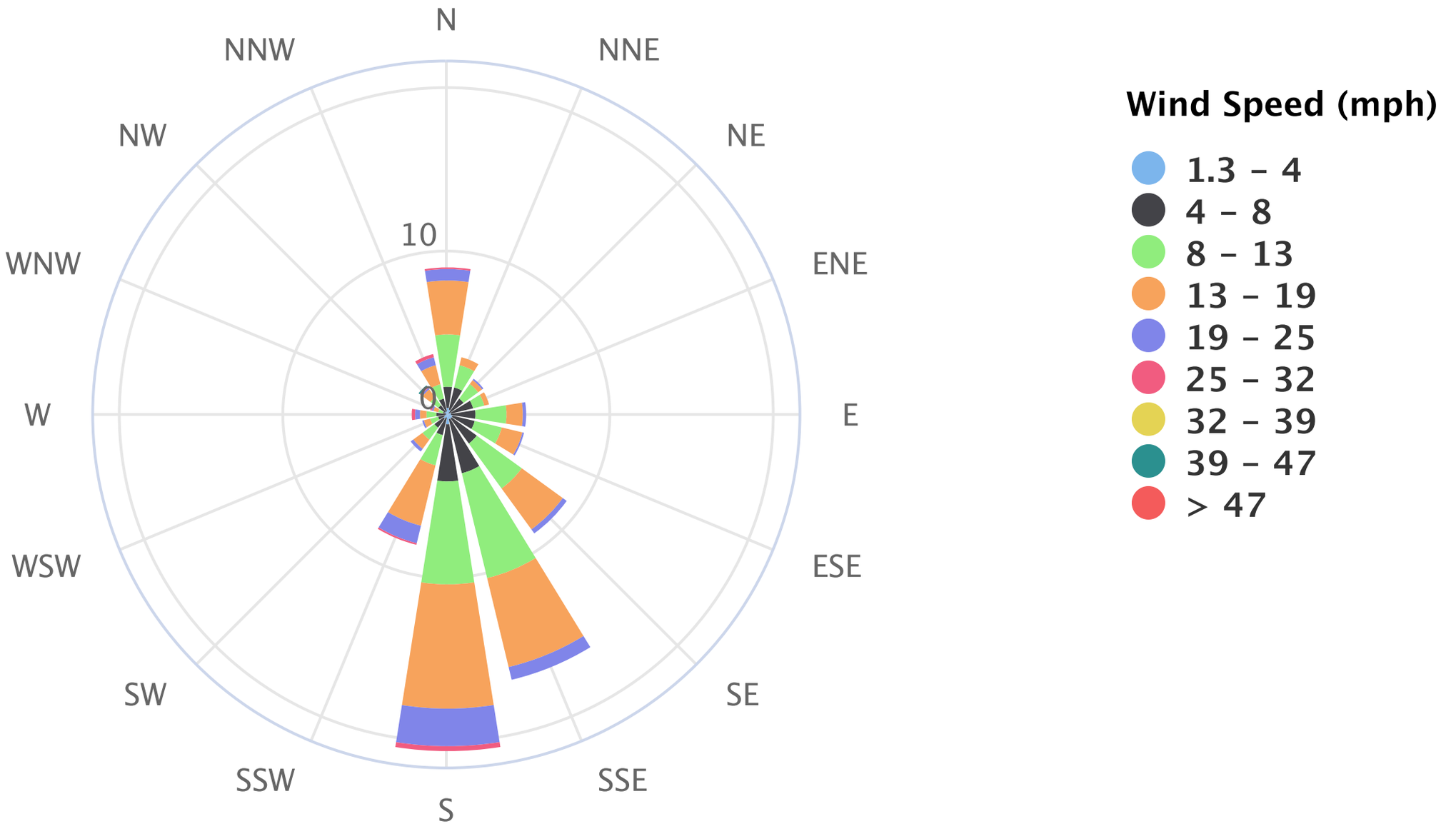
ATTACHMENT 16: FEMA FLOOD MAP

ZONE A
ZONE C
City of Haskell
Red
Creek
Rush Springs Branch
Butler
Hurricane
Creek
Little
Deadman
Paint Creek
City of Stamford
(AREA NOT INCLUDED)
STAMFORD
BITTER LAKE
Rule
Creek
Johnson
Creek
Little
Deadman
Creek
Paint
Creek
Butler
Creek
Hurricane

ATTACHMENT 17: WIND ROSE

ABILENE REGIONAL AP (TX) Wind Rose

1/1/2025 - 9/3/2025
Sub-Interval: Jan 1 - Dec 31, 00:00 - 23:59



Highcharts.com

ATTACHMENT 18: SOLIDS MANAGEMENT PLAN

ATTACHMENT 18 - SEWAGE SLUDGE SOLIDS MANAGEMENT PLAN

Influent Design Flow =	0.031	MGD
Influent BOD Concentration =	300	mg/L
Aerobic Digester Volume =	2,234	cu. ft
	16,711	gal
Aeration Basin MLSS =	25,000	mg/L

Table 1 - Daily Sludge Production

Solids Generated	100% Flow	75% Flow	50% Flow	25% Flow
Pounds Influent BOD_5	78	58	39	19
Pounds of digested dry sludge produced*	27	20	14	7
Pounds of wet sludge produced	1,086	814	543	271
Gallons of wet sludge produced	130	98	65	33

***Assuming 0.35 pounds of digested dry sludge produced per pound of influent BOD5 at average temperatures and 2.5% solids concentration in the digester**

Sludge will be wasted from the RAS flow stream to the aerobic digester. Sludge solids will be stabilized in the digester; supernatant will be decanted from the digester and returned to the aeration basins for treatment.

Table 2 - Sludge Removal Schedule

Removal Schedule (days)	100% Flow	75% Flow	50% Flow	25% Flow
Days between Sludge Removal	42	57	85	170

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required. The calculated mean cell residence time (MCRT) for the digester storage volume of 16,711 gal will be approximately 128 days at 100% capacity and annual average digested sludge production of 27 ppd.

ATTACHMENT 19: LINER CERTIFICATION

Kimley»Horn

September 3, 2025

Pond Liner Certification

Homebound Group Wastewater Treatment Plant

Haskell, Texas

Domestic Worksheet 3.0, Section 3 requests submittal of a liner certification for each on-site storage or evaporation lagoon/pond. The pond for effluent storage of the Homebound Group WWTP has not yet been constructed. The pond liner used for this pond will adhere to *30 TAC Chapters 217 and 309.*

Raul Dominguez, P.E.
KIMLEY-HORN AND ASSOCIATES, INC.
Texas Firm No. 928

ATTACHMENT 20: WELL WATER QUALITY DATA & LOG INFORMATION

STATE OF TEXAS WELL REPORT for Tracking #687466

Owner:	**INTERSECT POWER**	Owner Well #:	**NORTH#1**
Address:	**11700 KATY FREEWAY STE 800 HOUSTON, TX 77097**	Grid #:	**21-52-8**
Well Location:	**RED CREEK ROAD HASKELL, TX 79521**	Latitude:	**33° 08' 30.2" N**
		Longitude:	**099° 34' 45.03" W**
Well County:	**Haskell**	Elevation:	**No Data**
Type of Work:	**TEST HOLE**	Proposed Use:	**Test Well**

Drilling Start Date: **1/22/2025** Drilling End Date: **1/22/2025**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**4.75**	**0**	**100**

Drilling Method: **Air Rotary**

Borehole Completion: **Plugged**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Driller**

Distance to Property Line (ft.): **240**

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

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

Method of Verification: **GPS**

Surface Completion: **No Data**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
TOPSOIL	**0**	**2**
Cement	**2**	**5**
Bentonite	**5**	**100**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	**No Data**

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: **LEONARD WATER SERVICES**

6799 HWY 277 N
ABILENE, TX 79601

Driller Name: **TAYLOR MOBLEY** License Number: **59293**

Apprentice Name: **JUSTIN MURPHY** Apprentice Number: **59962**

Comments: **DRY HOLE**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**TOPSOIL**
3	**13**	**RED SANDY CLAY**
13	**13.5**	**ROCK**
13.5	**68**	**RED CLAY**
68	**69**	**GRAY CLAY**
69	**82**	**RED CLAY**
82	**95**	**GRAY CLAY**
95	**100**	**RED CLAY**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
No Data			

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 #687467

Owner:	**INTERSECT POWER**	Owner Well #:	**NORTH #2**
Address:	**11700 KATY FREEWAY STE 800 HOUSTON, TX 77097**	Grid #:	**21-52-8**
Well Location:	**RED CREEK RD HASKELL, TX 79521**	Latitude:	**33° 08' 46.75" N**
		Longitude:	**099° 34' 17.55" W**
Well County:	**Haskell**	Elevation:	**No Data**
Type of Work:	**TEST HOLE**	Proposed Use:	**Test Well**

Drilling Start Date: **1/22/2025** Drilling End Date: **1/22/2025**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**4.75**	**0**	**100**

Drilling Method: **Air Rotary**

Borehole Completion: **Plugged**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Driller**

Distance to Property Line (ft.): **246**

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

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

Method of Verification: **GPS**

Surface Completion: **No Data**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
TOPSOIL	**0**	**2**
Cement	**2**	**5**
Bentonite	**5**	**100**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	**No Data**

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: **LEONARD WATER SERVICES**

6799 HWY 277 N
ABILENE, TX 79601

Driller Name: **TAYLOR MOBLEY** License Number: **59293**

Apprentice Name: **JUSTIN MURPHY** Apprentice Number: **59962**

Comments: **DRY HOLE**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**TOPSOIL**
3	**7**	**RED CLAY**
7	**18**	**SANDY CLAY**
18	**39**	**GRAY CLAY**
39	**39.5**	**ROCK**
39.5	**43**	**GRAY SHALE**
43	**44**	**ROCK**
44	**81**	**GRAY CLAY**
81	**94**	**GRAY SHALE**
94	**95**	**ROCK**
95	**100**	**GRAY SHALE**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
No Data			

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 #687468

Owner:	**INTERSECT POWER**	Owner Well #:	**NORTH #3**
Address:	**11700 KATY FREEWAY STE 800 HOUSTON, TX 77097**	Grid #:	**21-52-8**
Well Location:	**RED CREEK ROAD HASKELL, TX 79521**	Latitude:	**33° 08' 19.72" N**
		Longitude:	**099° 34' 15.87" W**
Well County:	**Haskell**	Elevation:	**No Data**
Type of Work:	**TEST HOLE**	Proposed Use:	**Test Well**

Drilling Start Date: **1/22/2025** Drilling End Date: **1/22/2025**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**4.75**	**0**	**100**

Drilling Method: **Air Rotary**

Borehole Completion: **Plugged**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Driller**

Distance to Property Line (ft.): **204**

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

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

Method of Verification: **GPS**

Surface Completion: **No Data**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
TOPSOIL	**0**	**2**
Cement	**2**	**5**
Bentonite	**5**	**100**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	**No Data**

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: **LEONARD WATER SERVICES**

6799 HWY 277 N
ABILENE, TX 79601

Driller Name: **TAYLOR MOBLEY** License Number: **59293**

Apprentice Name: **JUSTIN MURPHY** Apprentice Number: **59962**

Comments: **DRY HOLE**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**TOPSOIL**
3	**65**	**RED CLAY**
65	**66**	**ROCK**
66	**86**	**GRAY SHALE**
86	**87**	**ROCK**
87	**93**	**GRAY CLAY**
93	**100**	**GRAY SHALE**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
No Data			

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

ATTACHMENT 21: GROUNDWATER TECHNICAL REPORT

Homebound Group Wastewater Treatment Plant

Haskell County

Groundwater Report

This groundwater report has been prepared to identify any local groundwater resources at or near the proposed Homebound Group Wastewater Treatment Plant (WWTP). The facility will be located on Red Creek Rd, approximately 2.7 miles south from the intersection of Red Creek Rd and FM 380, in the City of Haskell, Haskell County, Texas 79521.

There are two aquifers identified by the state in Haskell County: The Seymore Aquifer (major aquifer) and the Cross Timbers Aquifer (minor aquifer). The site of the WWTP is located outside the boundaries of both aquifers, see attached groundwater map. Haskell County groundwater regulation falls under the authority of the Rolling Plains Groundwater Conservation District (RPGCD).

According to the Geologic Atlas of Texas, Wichita Falls - Lawton Sheet, this site is located on the Clear Fork Group (Pcf). The description of the Clear Fork Group is:

> "Mudstone limestone, dolomite, and siltstone; Bullwagon Dolomite, Pbw, Standpipe Limestone, Psp, Kirby Lake Limestone, Pk, Lytle Limestone, Ply, and Rainy Limestone, Pry, separately mapped. Mostly mudstone, commonly silty, some blue-gray shale near base thin to very thin bedded, red, a few plant fossil fragments. Limestone, commonly thin discontinuous beds mostly in lower part. Siltstone units 1-3 feet thick distributed throughout, red, on bedding surfaces mudcracks, raindrop impressions, and tracks of amphibians and arthropods. Thin dolomite beds scarce. Topography mostly flat to gently sloping with some low hills and benches. Upper part of group does not crop out within area of Abilene Sheet, grades downward to Lueders Formation, extensively covered by Quaternary deposits; Choza, Vale, and Arroyo Formations of Colorado River valley not distinguishable. Thickness of Clear Fork Group in map area 700-900 feet[1]."

All efforts were made to locate existing wells within half a mile of the proposed property boundary. The Texas Water Development Board (TWDB) Groundwater Viewer, the Texas Commission on Environmental Quality Water Well Report Viewer, and the Rolling Plains Groundwater Conservation District were all utilized to locate possible wells. The table below lists the well information available for all wells found within the half mile radius.

[1]Bureau of Economic Geology, 1987, Wichita Falls – Lawton Sheet, Geologic Atlas of Texas, University of Texas

Well Report Tracking Number	Latitude (DD)	Longitude (DD)	Date of Well Completion	Borehole Depth (ft)	Use	Injurious Water Quality	Casing	Yield	Static Water Elevation	Water Quality
687466	33.141723	-99.579174	22-Jan-25	100	Monitoring	no	N/A	0	dry hole	N/A
687467	33.146319	-99.571541	22-Jan-25	100	Monitoring	no	N/A	0	dry hole	N/A
687468	33.13881	-99.571074	22-Jan-25	100	Monitoring	no	N/A	0	dry hole	N/A

All three wells listed above are test wells drilled on the proposed property, also shown on the map in Attachment 4. There were no other wells found within the half mile radius of the property boundary. All three of these wells were drilled to a total depth of 100 ft. Each well was identified by the driller as dry holes, and were backfilled and plugged before casing was installed.

Each lithology log prepared by the driller noted intervals of clay and shale. If deeper groundwater exists below the 100 ft. total depth of the wells, the lithology present is sufficient to prevent the vertical migration of water into any possible deeper aquifers. Furthermore, it is highly unlikely that any deeper water is of usable quality.

Baseline groundwater quality was unable to be obtained due to lack of operating wells on the property and lack of existing groundwater below the property.

The proposed evaporation pond that will store the finished wastewater effluent will be lined with a certified clay liner and have a leak detection system. In addition to that, there are no current public or private water wells within 500’ of the evaporation pond location. A buffer zone from the evaporation pond location will be maintained in order to prevent impacts to potential recharge features, existing and future water wells, critical environmental features (CEFs), creekbeds, and other drainageways. CEFs were considered to be karst features, bluffs, canyon rim rocks, caves, sinkholes, springs, and wetlands. Appropriate buffer zones (i.e. setbacks) as defined in $§222.81(a) are met under the existing site conditions, including the proposed evaporation pond. These setbacks include a minimum 500 feet to any future on-site and off-site private and public water wells. The setback will be a minimum of 500 feet to existing on-site and off-site public water supply wells. There are also set backs from dry creeks as prescribed in Chapter 222. Therefore, it is unlikely that the finished wastewater effluent from the proposed evaporation pond will impact the groundwater quality in the local aquifer.

ATTACHMENT 22: WATER BALANCE

AVERAGE CONDITION EVALUATION

Month	Days	Flow to Pond (ac-ft)	Evap Rate (ft)	Evap From Ponds (ac-ft)	Storage Requirement (ac-ft)
January	31	2.95	0.15	1.55	1.40
February	28	2.66	0.15	1.50	1.16
March	31	2.95	0.22	2.24	0.71
April	30	2.85	0.27	2.71	0.14
May	31	2.95	0.20	2.01	0.94
June	30	2.85	0.36	3.66	-0.81
July	31	2.95	0.58	5.80	-2.85
August	31	2.95	0.61	6.09	-3.14
September	30	2.85	0.33	3.27	-0.42
October	31	2.95	0.25	2.47	0.47
November	30	2.85	0.19	1.86	0.99
December	31	2.95	0.16	1.57	1.37
				Total Storage Necessary	**-0.03**
				Total Storage Required to be less than 0	

Inputs	
Effluent Flow (MGD)	0.031
Pond Surface Area (Ac)	10.04

Net Evaporation from 2000 to 2024			
Month	Average (inches)	Average (feet)	Mean Net Evaporation Distribution
1	1.85	0.15	4.46%
2	1.80	0.15	4.33%
3	2.68	0.22	6.44%
4	3.24	0.27	7.80%
5	2.41	0.20	5.79%
6	4.37	0.36	10.53%
7	6.93	0.58	16.68%
8	7.28	0.61	17.53%
9	3.91	0.33	9.42%
10	2.96	0.25	7.12%
11	2.22	0.19	5.35%
12	1.88	0.16	4.53%
			100.00%

Data Source: Texas Water Oriented Data Bank
Quad No.: 408
https://waterdatafortexas.org/lake-evaporation-rainfall

CRITICAL CONDITION EVALUATION

Month	Days	Flow to Pond (ac-ft)	Evap Rate (ft)	Evap From Ponds (ac-ft)	Storage Requirement (ac-ft)
January	31	2.95	0.081	0.82	2.13
February	28	2.66	0.079	0.79	1.87
March	31	2.95	0.118	1.18	1.77
April	30	2.85	0.142	1.43	1.42
May	31	2.95	0.106	1.06	1.89
June	30	2.85	0.192	1.93	0.92
July	31	2.95	0.304	3.06	-0.11
August	31	2.95	0.320	3.21	-0.26
September	30	2.85	0.172	1.73	1.13
October	31	2.95	0.130	1.30	1.64
November	30	2.85	0.098	0.98	1.87
December	31	2.95	0.083	0.83	2.12
				Total Storage Necessary	**16.40**

Inputs	
Effluent Flow (MGD)	0.031
Pond Surface Area	10.04

Minimum Depth	1.63 19.60	ft inches
Freeboard	24.00	inches
Total Depth	**43.60**	**inches**

25 Year Lowest Annual Net Evaporation	MNED	Evaporation Rate (ft)
21.9 inches in 2004	4.46%	0.081
	4.33%	0.079
	6.44%	0.118
	7.80%	0.142
	5.79%	0.106
	10.53%	0.192
	16.68%	0.304
	17.53%	0.320
	9.42%	0.172
	7.12%	0.130
	5.35%	0.098
	4.53%	0.083

Data Source: Texas Water Oriented Data Bank
Quad No.: 408
https://waterdatafortexas.org/lake-evaporation-rainfall

ATTACHMENT 23: PAYMENT VOUCHER

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

Transaction Information

Voucher Number:	783117
Trace Number:	582EA000684689
Date:	09/12/2025 10:28 AM
Payment Method:	CC - Authorization 0000269142
Voucher Amount:	$300.00
Fee Type:	WW PERMIT - FACILITY WITH FLOW < .05 MGD - NEW AND MAJOR AMENDMENTS
ePay Actor:	ALYSSA THOMAS
Actor Email:	alyssa.thomas@kimley-horn.com
IP:	130.41.212.196

Payment Contact Information

Name:	ALYSSA THOMAS
Company:	KIMLEY-HORN AND ASSOCIATES
Address:	21118 FALCON CREEK CT, RICHMOND, TX 77406
Phone:	346-439-0378

Site Information

Site Name:	HOMEBOUND GROUP WASTEWATER TREATMENT PLANT
Site Address:	-, HASKELL, TX 79521 1108
Site Location:	2.7 MILES SOUTH FROM THE INTERSECTION OF RED CREEK RD AND FM 380

Customer Information

CN:	CN606418077
Customer Name:	HOMEBOUND GROUP LLC
Customer Address:	4581 WEBB ST, PRYOR CREEK, OK 74361
State Franchise Tax ID:	32098447892

Close

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

Transaction Information

Voucher Number:	783118
Trace Number:	582EA000684689
Date:	09/12/2025 10:28 AM
Payment Method:	CC - Authorization 0000269142
Voucher Amount:	$50.00
Fee Type:	30 TAC 305.53B WQ NOTIFICATION FEE
ePay Actor:	ALYSSA THOMAS
Actor Email:	alyssa.thomas@kimley-horn.com
IP:	130.41.212.196

Payment Contact Information

Name:	ALYSSA THOMAS
Company:	KIMLEY-HORN AND ASSOCIATES
Address:	21118 FALCON CREEK CT, RICHMOND, TX 77406
Phone:	346-439-0378

Close

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ATTACHMENT 24: WARRANTY DEED

VOL 0721 PG 0978

250970

RECORDING REQUESTED BY ~~and~~
~~WHEN RECORDED RETURN IT~~
~~AND~~ ALL TAX STATEMENTS TO:

IP Land Holdings LLC
c/o Intersect Power
9450 SW Gemini Drive PMB 68743
Beaverton, OR 97008-7105

9187 13CE

WHEN RECORDED RETURN TO:
eRecording Partners Network
1200 East Market Street, Suite 751
Akron, OH 44305

SPACE ABOVE THIS LINE FOR RECORDER'S USE

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

SPECIAL WARRANTY DEED

For the sum of Ten and No/100 ($10.00) and other valuable consideration, receipt of which is acknowledged, QIIDC, LLC, a Delaware limited liability company ("Grantor") hereby grants, sells, conveys and transfers to Homebound Group LLC, a Delaware limited liability company ("Grantee") that certain real property located in the County of Haskell, State of Texas, as legally described in Exhibit A attached hereto and made a part hereof (the "**Property**"), together with all rights, title and interest in and to all improvements located thereon, and all easements, rights-of- way and other interests appurtenant thereto, including, but not limited to, any streets or other public ways adjacent to such Property, and any air rights, development rights, permits, approvals, and entitlements, water rights, and any other rights and privileges appertaining to the Property. Grantor hereby binds Grantor and Grantor's heirs, executors administrators, and successors to warrant and forever defend all and singular the Property to Grantee and Grantee's heirs, executors, administrators, successors, and assigns, against every person whomsoever lawfully claiming or to claim the same or any part thereof by, through or under Grantor, but not otherwise.

EXCEPTING from this Special Warranty Deed and RESERVING unto Grantor, its successors and assigns forever all of Grantor's right, title and interest in and to all oil, gas and other minerals in, under and that may be produced and saved from the Property (collectively, the "**Mineral Estate**").

Notwithstanding anything to the contrary contained in this Special Warranty Deed, including without limitation the reserved rights described in the preceding paragraph, Grantor hereby forever and completely waives and releases any and all rights of entry over, across, and upon the surface of the Property and under and to the first one thousand feet (1,000') of the subsurface of the Property,

as well as any use or occupation thereof, in connection with the exploration, investigation, development (including directional and horizontal drilling), production, transportation, use, sale and marketing of all of the Mineral Estate or any other right associated therewith.

[Signature and acknowledgment pages to follow.]

IN WITNESS WHEREOF, Grantor has caused its duly authorized representative to execute this instrument as of July 25, 2025

GRANTOR:

QIIDC, LLC,
a Delaware limited liability company

By:_____
Name:Simon Ross
Its:Chief Commercial Officer

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 Alameda

On June 25, 2025, before me, B. Luster, a Notary Public, personally appeared Simon Ross, who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

B. LUSTER
NOTARY PUBLIC - CALIFORNIA
COMMISSION # 2511694
ALAMEDA COUNTY
My Comm. Exp. February 23, 2029

SIGNATURE OF THE NOTARY PUBLIC

[SEAL]

EXHIBIT A TO SPECIAL WARRANTY DEED

LEGAL DESCRIPTION

Property located in Haskell County, Texas, more particularly described as follows:

BEING A 150.0000 ACRE (6,534,000 SQUARE FOOT) TRACT OF LAND SITUATED IN THE THO. G. BOX SURVEY, ABSTRACT NO. 11, HASKELL COUNTY, TEXAS; SAID TRACT BEING A PORTION OF "TRACT ONE" DESCRIBED IN SPECIAL WARRANTY DEED TO FLAT TOP EIGHT RANCES, A PARTNERSHIP OF FLAT TOP EIGHT RANCHES, INC., LAURA MELISSA SNYDER MOBERLY AND ROBERT E. SNYDER, JR. RECORDED IN VOLUME 481, PAGE 496 OF THE DEED RECORDS OF HASKELL COUNTY, TEXAS; SAID TRACT BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A POINT IN THE WEST RIGHT-OF-WAY LINE OF RED CREEK ROAD (A CALLED 50' RIGHT-OF-WAY) FROM WHICH A 5/8-INCH IRON ROD WITH CAP STAMPED "KHA" FOUND, BEARS NORTH 41°23'43"E, 0.45 FEET, ALSO A 1" IRON PIPE FOUND AT AN INTERIOR LOT CORNER ON AN EASTERLY BOUNDARY LINE OF THAT CERTAIN 5333.70 ACRE TRACT DESCRIBED IN THE ABOVE-MENTIONED DEED, BEARS SOUTH 16°38'05" WEST, A DISTANCE OF 1,707.61 FEET;

THENCE SOUTH 01°10'12" WEST, ALONG THE SAID WEST RIGHT-OF-WAY LINE OF RED CREEK ROAD, A DISTANCE OF 1,274.01 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 37°13'57"E, 0.60 FEET;

THENCE NORTH 89°56'58" WEST, DEPARTING THE SAID WEST RIGHT-OF-WAY LINE OF RED CREEK ROAD, A DISTANCE OF 453.39 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 39°50'57"E, 0.57 FEET;

THENCE SOUTH 01°27'39" WEST, A DISTANCE OF 85.63 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 34°50'59"E, 0.54 FEET;

THENCE NORTH 90°00'00" WEST, A DISTANCE OF 745.07 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 44°31'18"E, 0.66 FEET;

THENCE SOUTH 45°01'39" WEST, A DISTANCE OF 225.06 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 41°33'13"E, 0.67 FEET;

THENCE NORTH 88°45'53" WEST, A DISTANCE OF 2,079.81 FEET TO AN ANGLE POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 61°33'24"E, 0.88 FEET;

THENCE NORTH 89°56'32" WEST, A DISTANCE OF 91.39 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 56°38'02"E, 0.89 FEET;

THENCE NORTH 00°15'12" EAST, A DISTANCE OF 1,399.49 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 66°38'36"E, 0.73 FEET;

THENCE NORTH 90°00'00" EAST, A DISTANCE OF 1,678.27 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 57°45'29"E, 0.58 FEET;

THENCE NORTH 00°00'00" EAST, A DISTANCE OF 74.28 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 55°16'38"E, 0.57 FEET;

THENCE NORTH 90°00'00" EAST, A DISTANCE OF 62.98 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 58°20'03"E, 0.59 FEET;

THENCE NORTH 00°00'09" EAST, A DISTANCE OF 364.38 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 59°17'00"E, 0.55 FEET;

THENCE NORTH 90°00'00" EAST, A DISTANCE OF 234.03 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 60°24'14"E, 0.58 FEET;

THENCE NORTH 00°00'00" EAST, A DISTANCE OF 636.58 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 67°20'05"E, 0.49 FEET;

THENCE NORTH 90°00'00" EAST, A DISTANCE OF 226.87 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 60°27'55"E, 0.52 FEET;

THENCE NORTH 00°00'00" EAST, A DISTANCE OF 735.63 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 77°22'31"E, 0.44 FEET;

THENCE NORTH 90°00'00" EAST, A DISTANCE OF 729.21 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 74°01'12"E, 0.35 FEET;

THENCE SOUTH 00°00'00" EAST, A DISTANCE OF 1,671.13 FEET TO AN ANGLE POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 49°31'44"E, 0.48 FEET;

THENCE SOUTH 01°27'39" WEST, A DISTANCE OF 66.16 FEET TO A POINT FROM WHICH A 5/8" IRON ROD WITH CAP STAMPED "KHA" FOUND BEARS NORTH 52°17'02"E, 0.49 FEET;

THENCE NORTH 90°00'00" EAST, A DISTANCE OF 620.70 FEET TO **THE POINT OF BEGINNING.**

CONTAINING 6,534,001 SQUARE FEET OR 150.0000 ACRES OF LAND, MORE OR LESS.

PREPARED BY KIER & WRIGHT CIVIL ENGINEERS & SURVEYORS, INC.

No. 250970
FILED FOR RECORD
AT 8:40 O'CLOCK A M
ON THE 31st DAY OF
July A.D., 20 25
Belia Abila
Belia Abila, County Clerk, Haskell County, TX
BY Walker Deputy

STATE OF TEXAS
COUNTY OF HASKELL
I hereby certify that this instrument was FILED on the date and at the time stamped hereon by me and was duly RECORDED in the Volume and Page of the Official Public Records of Haskell County, Texas.
Belia Abila
Belia Abila, County Clerk, Haskell County, Texas
OFFICIAL PUBLIC RECORDS
VOL. 721 PAGE 978
RECORDED 7-31-25

Candice Calhoun

From: Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Sent: Monday, October 27, 2025 2:17 PM
To: Candice Calhoun
Cc: Moriarty, Michael; Qiu, Jessie; Dominguez, Raul
Subject: RE: TCEQ NOD Response Letter - Homebound Group WWTP
Attachments: Document_251015_123020.pdf

Good afternoon Candice,

I hope you had a great weekend! 😊

Please find attached the updated signature sheets (including Michael Monfort's signature) for the Homebound Group WWTP. These updated sheets have also been included in the revised TLAP Permit Submittal.

Please let me know if you have any questions.

Best,

Alyssa Thomas
Kimley-Horn | 11700 Katy Fwy #800, Houston, TX 77079
Direct: 346-439-0378
Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com

Celebrating 16 years as one of FORTUNE's 100 Best Companies to Work For

---

From: Dominguez, Raul <Raul.Dominguez@kimley-horn.com>
Sent: Monday, October 27, 2025 12:47 PM
To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>; Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Cc: Moriarty, Michael <Michael.Moriarty@kimley-horn.com>; Qiu, Jessie <Jessie.Qiu@kimley-horn.com>
Subject: RE: TCEQ NOD Response Letter - Homebound Group WWTP

Candice,

Appendix G has the signature authority documentation. It says that Michael Montfort is the governing individual of Homebound Group LLC.

Let me know if that clarifies things. Is there anything else needed besides the paper application that is on transit to y'all?

Best,

Raul Dominguez, P.E.
Kimley-Horn | 11700 Katy Freeway, Suite 800, Houston TX 77079
Direct: 346 439 8113 | Mobile: 832 527 4330
Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com

Celebrating 18 years as one of FORTUNE's 100 Best Companies to Work For

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Monday, October 27, 2025 10:32 AM
To: Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Cc: Dominguez, Raul <Raul.Dominguez@kimley-horn.com>; Moriarty, Michael <Michael.Moriarty@kimley-horn.com>; Qiu, Jessie <Jessie.Qiu@kimley-horn.com>
Subject: RE: TCEQ NOD Response Letter - Homebound Group WWTP

Good morning, Alyssa,

Thank you for your response. I did not see the documentation of signature authority within the attached file. Other than that, the only thing I am waiting for is for us to receive the paper application.

If you have any questions, please let me know.

Regards,

Candice Courville
License & Permit Specialist
ARP Team | Water Quality Division
Texas Commission on Environmental Quality
512-239-4312
candice.calhoun@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Sent: Friday, October 24, 2025 2:19 PM
To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Cc: Dominguez, Raul <Raul.Dominguez@kimley-horn.com>; Moriarty, Michael <Michael.Moriarty@kimley-horn.com>; Qiu, Jessie <Jessie.Qiu@kimley-horn.com>
Subject: TCEQ NOD Response Letter - Homebound Group WWTP

Good afternoon Candice,

I hope you are doing well.

Attached is the revised TCEQ NOD response letter addressing all administrative deficiencies noted for The Homebound Group WWTP (WQ0016881001).

Best,

Alyssa Thomas
Kimley-Horn | 11700 Katy Fwy #800, Houston, TX 77079
Direct: 346-439-0378
Connect with us: Twitter **|** LinkedIn **|** Facebook **|** Instagram **|** Kimley-Horn.com

Celebrating 16 years as one of FORTUNE's 100 Best Companies to Work For

Kimley»Horn

October 24, 2025

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC-148)
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

RE: **TLAP Discharge Permit for The Homebound Group WWTP (WQ0016881001)**
CN: 606418077
RN: 112285796

Dear Candice Calhoun:

This letter serves to transmit the response to the items requested for the administrative review of the TLAP Permit No. WQ0016881001.

---

1. Our records indicate that an original paper application was not received. The original paper application and the e-copy of the application are both required. Please submit the original paper copy of the application to: **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, WATER QUALITY DIVISION, APPLICATION REVIEW AND PROCESSING TEAM (MC 148), P.O. BOX 13087, AUSTIN, TEXAS 78711-3087.**

Acknowledged. An original paper application will be submitted once updated signature sheets and documentation of signatory authority have been received from the owner.

Item 1 - I look forward to receiving the response to this item.

Acknowledged. An original paper and e-copy of the permit application have been submitted to TCEQ on October 24,2025.

2. Section 5 of the administrative report: A 2nd permit contract was not provided. This section requests two permit contacts to be provided. Please provide a revised section of the application to include a 2nd permit contract.

Acknowledged. The comments listed above have been addressed. Please see Appendix A of the response letter to locate Section 5 of the administrative report for the updated 2nd permit contact.

3. Section 14 of the administrative report – Signature Page: The individual that signed the application is insufficient. The individual must be at least the level of vice president or documentation that signatory authority has been delegated must be provided. Please provide an updated section 3 and section 14 to show an individual that their title meets the requirements or provide the documentation that signatory authority has been delegated.

Acknowledged. A documentation of signatory authority will be submitted when it has been received from the owner.

Item 3 - I look forward to receiving the response to this item.

Acknowledged. A documentation of signatory authority documentation has been added to the permit. Please see Appendix G of this response letter for the signatory authority documentation provided.

4. Core Data Form (CDF), Section III, Item 25: Based on my verification of the location description provided, it seems the site is located southwest of the intersection as well as the intersection seems to be Red Creek Road and U.S. Highway 380, not FM 380. Please confirm if the updated description, listed in the NORI, matches the site's coordinates. If so, please provide a revised CDF and PLS to update the location description. If not, please provide a revised CDF with updated site coordinates.

Acknowledged. The comment listed above have been addressed. Please see Appendix B of the response letter for the updated location description located on the Core Data Form in Section III, item 25 and the Plain Language Summary Form.

5. USGS Topographic Map: The USGS map provided did not include the effluent disposal site location. Please provide a revised USGS map.

Acknowledged. The Homebound Group WWTP effluent will be disposed of in an evaporation pond. The effluent disposal site location is shown on the USGS Map and labeled as "Proposed Evaporation Pond." Please see Appendix C of the response letter to view the proposed USGS map.

6. Affected Landowner Map: The landowner map provided did not include the effluent disposal site location. Please provide a revised landowner map.

Acknowledged. The Homebound Group WWTP effluent will be disposed of in an evaporation pond. The effluent disposal site location is shown on the Affected Landowner Map and labeled as "Proposed Evaporation Pond." Please see Appendix D of the response letter to view the proposed Affected Landowners Map.

7. Affected Landowner Mailing Labels: Please provide the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

Acknowledged. The comment listed above has been addressed. Please see Appendix E of the response letter for the updated Affected Landowner Mailing Labels in Avery 5160 format.

Item 7 – The mailing labels were not provided in a Microsoft Word document as requested. Please provide the Microsoft word document.

Acknowledged. A Microsoft Word document of the mailing labels has been provided in a separate attachment.

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

   APPLICATION. Homebound Group LLC, 4581 Webb Street, Pryor Creek, Oklahoma 74361, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0016881001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 31,000 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the city of Haskell, in Haskell County, Texas 79521. TCEQ received this application on September 17, 2025. The permit application will be available for viewing and copying at Haskell County Library, on the bulletin board in the atrium, 300 North Avenue E, Haskell, in Haskell 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/pendingpermits/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=-99.57379,33.142577&level=18
   Further information may also be obtained from Homebound Group LLC at the address stated above or by calling Mr. Conner Morrow, Facility Manager, at 650-316-9172.

There were a couple of errors that were found in the NORI. Those errors have been updated in the NORI below and are blue in color for your reference.

APPLICATION. Homebound Group LLC, 1301 6th Ave #40, New York, New York 10019, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0016881001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 31,000 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the city of Haskell, in Haskell County, Texas 79521. TCEQ received this application on September 17, 2025. The permit application will be available for viewing and copying at Haskell County Library, on the bulletin board in the atrium, 300 North Avenue E, Haskell, in Haskell 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/pendingpermits/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=-99.57379,33.142577&level=18

Further information may also be obtained from Homebound Group LLC at the address stated above or by calling Mr. Michael Montfort, External Manager, at 212-999-5800.

Item 8 – Due to the requested changes in the NORI, updated pages of the application are needed. The mailing address listed at the beginning of the NORI is the mailing address for the permit. What was listed is based on Section II, item 15 of the CDF. If you would like to change the mailing address, please provide an updated CDF to include the updated information. For the contact listed at the end of the NORI, what was listed is based on the individual listed in Section 8, item C of the administrative report. If you would like to change this information, please provide an updated section of the application to provide the updated information.

Acknowledged. An updated Core Data Form and section of the administrative application have been provided in Appendix F of this response letter.

9. 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.

Acknowledged. A PDF of the translated Spanish NORI has been attached and provided in a Microsoft Word document.

Item 9 – The Translated NORI was not provided in a Microsoft Word document. Please provide this in a Microsoft Word document.

Acknowledged. A Microsoft Word document of the translated Spanish NORI has been attached as a separate attachment.

If you have any questions regarding this project or our response, please contact me at 346-439-8113.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC. Texas Firm No. 928

Raul Dominguez, P.E. (Texas License No. 149364)

K:\HOU_Utilities\065017911_Project Journey WWTP\06_Permit\06_NOD

APPENDIX A

B. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, TX 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address:homeboundllctx@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

APPENDIX B

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.)*

Homebound Group Wastewater Treatment Plant

23. Street Address of the Regulated Entity:	N/A							
(No PO Boxes)	**City**		**State**		**ZIP**		**ZIP + 4**	
24. County								

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

25. Description to Physical Location:	The facility will be located at Red Creek Rd, approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the City of Haskell, in Haskell County, Texas 79521.

26. Nearest City	**State**	**Nearest ZIP Code**
Haskell	TX	79521

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:	33.14257778		**28. Longitude (W) In Decimal:**	99.57379167	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	33.28	99	34	25.65

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)
7374	4952	518210	221320

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

ndustrial Site for Computer Processing

34. Mailing Address:	**1301 6th Ave #40**							
	City	**New York**	**State**	**NY**	**ZIP**	**10019**	**ZIP + 4**	

35. E-Mail Address:	**homeboundllctx@gmail.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(212) 999-5800		**( ) -**

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

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

☒ Texas Land Application Permit (TLAP)

☐ State Only Concentrated Animal Feeding Operation (CAFO)

☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

The Homebound Group, LLC proposes to operate a wastewater treatment plant. The facility will be located approximately 20 miles east of Haskell, TX and near the intersection of Red Creek Rd & Loop Rd, in Haskell, Haskell County, Texas 79521.

The plant is sized to serve industrial & potable wastewater. The total average daily flow is projected to be ultimately 31,000 GPD.

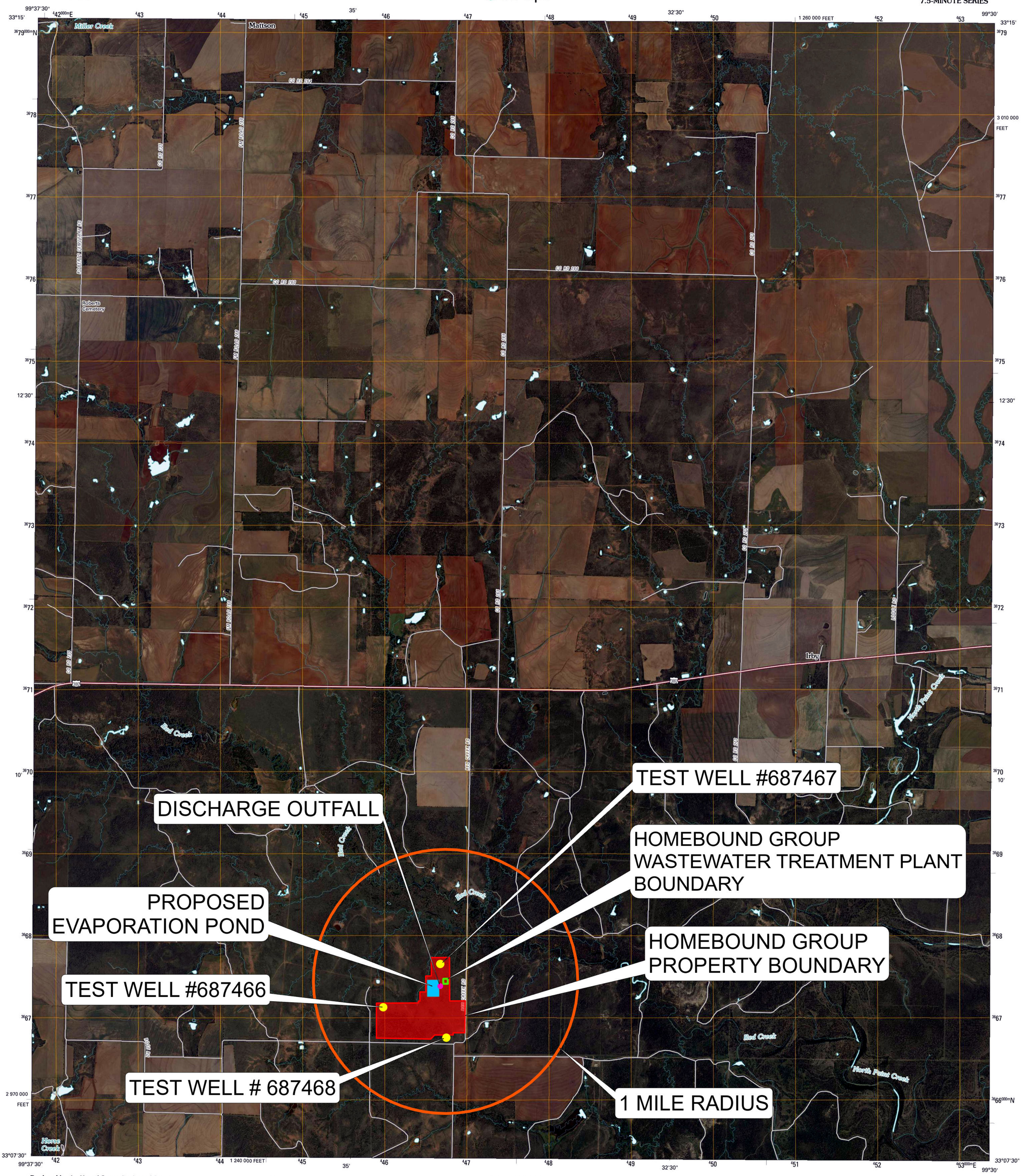
Discharges from the facility are expected to contain five-day biological oxygen demand (BOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), phosphorus (P), and dissolved oxygen (DO). The domestic wastewater will be treated by a conventional activated sludge process plant and the treatment units include a manual bar screen, aeration basins, clarifiers, chlorine contact basins, and sludge digesters.

APPENDIX C

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

The National Map US Topo

IRBY QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Texas Coordinate System of 1983
(north central zone)

Imagery.....NAIP, September 2008
Roads.....US Census Bureau TIGER data with limited USGS updates, 2008
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 1995
Contours.....National Elevation Dataset, 2005

UTM GRID AND 2010 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
MB
Grid Zone Designation
14S

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET

This map was produced to conform with version 0.5.10 of the draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is also draft version 0.5.10

QUADRANGLE LOCATION

Weinert	Mattson	Antelope Creek SW
Haskell	Irby	Reynolds Bend NW
Lake Stamford West	Lake Stamford East	Hoover Mountain

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION
Interstate Route
US Route
Ramp
State Route
Local Road
4WD

IRBY, TX
2010

Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

EX

ATTACHMENT 4

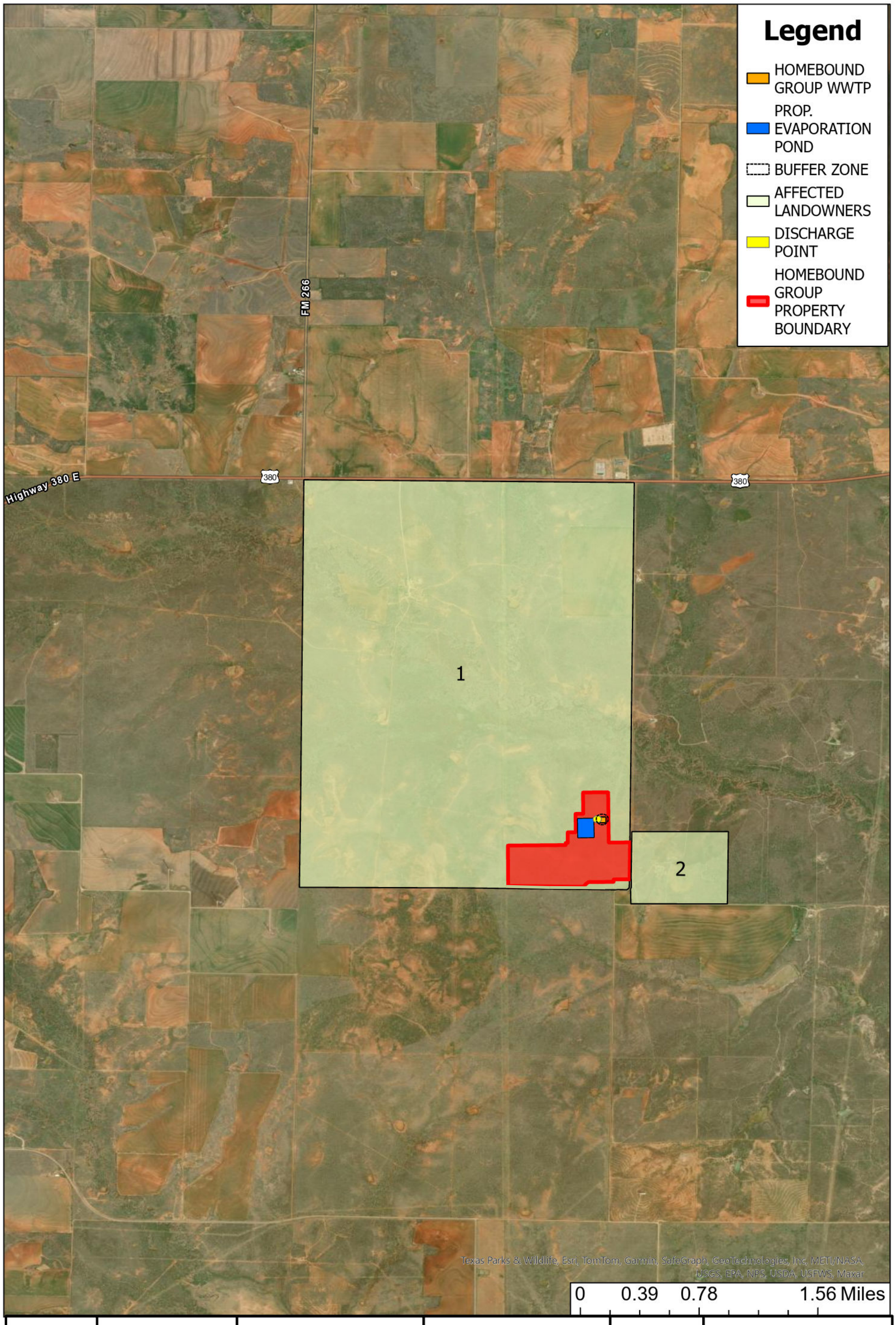
HOMEBOUND GROUP
WASTEWATER TREATMENT PLANT

ORIGINAL USGS MAP

DOMESTIC WASTEWATER PERMIT

DATE:	09/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

APPENDIX D



EX

DATE:	9/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

ATTACHMENT 5

TLAP PERMIT APPLICATION

AFFECTED LANDOWNER MAP

HOMEBOUND GROUP WWTP

No.	Revision	By	Date

APPENDIX E

4 NIETOS LTD
272 REIDS BEND
BASTROP, TX 78602-7791

FLAT TOP EIGHT RANCHES
PO BOX 2798
ALBANY, TX 76430-1616

APPENDIX F

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 606418077		RN

SECTION II: Customer Information

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

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

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:*

Homebound Group, 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)
805869228	32098447892	995141510	N/A

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:

1301 6th Ave #40

City	State	ZIP	ZIP + 4
New York	NY	10019	

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

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(212) 999-5800		( ) -

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.)*

Homebound Group Wastewater Treatment Plant

23. Street Address of the Regulated Entity:	N/A							
(No PO Boxes)	**City**		**State**		**ZIP**		**ZIP + 4**	
24. County								

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

25. Description to Physical Location:	The facility will be located at Red Creek Rd, approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the City of Haskell, in Haskell County, Texas 79521.

26. Nearest City	**State**	**Nearest ZIP Code**
Haskell	TX	79521

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:	33.14257778		**28. Longitude (W) In Decimal:**	99.57379167	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	33.28	99	34	25.65

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)
7374	4952	518210	221320

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

Industrial Site for Computer Processing

34. Mailing Address:	**1301 6th Ave #40**							
	City	**New York**	**State**	**NY**	**ZIP**	**10019**	**ZIP + 4**	

35. E-Mail Address:	**homeboundllctx@gmail.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(212) 999-5800		**( ) -**

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:

SECTION IV: Preparer Information

40. Name:	Raul Dominguez	**41. Title:**	P.E.

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(346 **)** 439-8113		**( ) -**	raul.dominguez@kimley-horn.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:	Homebound Group, LLC	**Job Title:**	External Manager
Name *(In Print):*	Michael Montfort	**Phone:**	**(** 212 **)** 999- **5800**
Signature:		**Date:**	

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: Click to enter text.

Name Printed on Check: Click to enter text.

EPAY Voucher Number: 783117 & 783118

Copy of Payment Voucher enclosed? Yes ☒ Attachment 23

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 Water Treatment

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

☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: N/A

f. **For existing permits**:

Permit Number: WQ00 N/A

EPA I.D. (TPDES only): TX N/A

Expiration Date: N/A

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

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

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

Homebound Group, 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: 606418077

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

Prefix: N/A

Last Name, First Name: Montfort, Michael

Title: External Manager

Credential: N/A

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

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

N/A

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

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

CN: N/A

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

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

Title: N/A Credential: N/A

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: N/A Last Name, First Name: Montfort, Michael

Title: Facility Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@gmail.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

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

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@gmail.com

B. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, TX 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address:homeboundllctx@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77090

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.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: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 100

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@gmail.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: Haskell County Library

Location within the building: On the bulletin board in the atrium

Physical Address of Building: 300 N Ave E

City: Haskell County: Haskell

Contact (Last Name, First Name): Joni Bullock, Library Assistant

Phone No.: (940) - 864- 2747 Ext.: N/A

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: Attachment 2

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: Attachment 3

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** N/A

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

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

Homebound Group Wastewater Treatment Plant

C. Owner of treatment facility: Homebound Group, 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: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A

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: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A

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

Prefix: XXX Last Name, First Name: XXX

Title: XXX Credential: XXX

Organization Name: XXX

Mailing Address: XXX City, State, Zip Code: XXX

Phone No.: XXX E-mail Address: XXX

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

Attachment:N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

N/A

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:

N/A

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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

APPENDIX G

Docusign Envelope ID: A2FD1760-6EF7-47B0-9249-96D3E98C28DD
Filing#:805869228 Document#:1444243740002 Filed On 1/17/2025 received by Upload

Form 304
(Revised 05/11)

Submit in duplicate to:
Secretary of State
P.O. Box 13697
Austin, TX 78711-3697
512 463-5555
FAX: 512/463-5709
Filing Fee: $750

This space reserved for office use.

Application for Registration of a Foreign Limited Liability Company

1. The entity is a foreign limited liability company. The name of the entity is:

Homebound Group LLC

Provide the full legal name of the entity as stated in the entity's formation document in its jurisdiction of formation.

2A. The name of the entity in its jurisdiction of formation does not contain the word "limited liability company" or "limited company" (or an abbreviation thereof). The name of the entity with the word or abbreviation that it elects to add for use in Texas is:

2B. The entity name is not available in Texas. The assumed name under which the entity will qualify and transact business in Texas is:

The assumed name must include an acceptable organizational identifier or an accepted abbreviation of one of these terms.

3. Its federal employer identification number is: 99-5141510

☐ Federal employer identification number information is not available at this time.

4. It is organized under the laws of: (set forth state or foreign country) Delaware

and the date of its formation in that jurisdiction is: 07/25/2024
mm/dd/yyyy

5. As of the date of filing, the undersigned certifies that the foreign limited liability company currently exists as a valid limited liability company under the laws of the jurisdiction of its formation.

6. The purpose or purposes of the limited liability company that it proposes to pursue in the transaction of business in Texas are set forth below.

land acquistion

The entity also certifies that it is authorized to pursue such stated purpose or purposes in the state or country under which it is organized.

7. The date on which the foreign entity intends to transact business in Texas, or the date on which the foreign entity first transacted business in Texas is: 12/17/2024
mm/dd/yyyy *Late fees may apply (see instructions).*

8. The principal office address of the limited liability company is:

2801 Centerville Rd, 1st Fl, PMB 811	Wilmington	DE	USA	19808
Address	*City*	*State*	*Country*	*Zip/Postal Code*

Docusign Envelope ID: A2FD1760-6EF7-47B0-9249-96D3E98C28DD

Complete item 9A or 9B, but not both. Complete item 9C.

☑ 9A. The registered agent is an organization (cannot be entity named above) by the name of:

Corporation Service Company d/b/a CSC-Lawyers Incorporating Service Company

OR

☐ 9B. The registered agent is an individual resident of the state whose name is:

First Name	*M.I.*	*Last Name*	*Suffix*

9C. The business address of the registered agent and the registered office address is:

Street Address	*City*	*State*	*Zip Code*
211 E. 7th Street, Suite 620	Austin	TX	78701-3218

10. The entity hereby appoints the Secretary of State of Texas as its agent for service of process under the circumstances set forth in section 5.251 of the Texas Business Organizations Code.

11. The name and address of each governing person is:

NAME AND ADDRESS OF GOVERNING PERSON (Enter the name of either an individual or an organization, but not both.)

IF INDIVIDUAL

First Name	*M.I.*	*Last Name*	*Suffix*
Michael		Montfort	

OR

IF ORGANIZATION

Organization Name

Street or Mailing Address	*City*	*State*	*Country*	*Zip Code*
2801 Centerville Road, 1st Floor, PMB 811	Wilmington	DE	USA	19808

NAME AND ADDRESS OF GOVERNING PERSON (Enter the name of either an individual or an organization, but not both.)

IF INDIVIDUAL

First Name	*M.I.*	*Last Name*	*Suffix*

OR

IF ORGANIZATION

Organization Name

Street or Mailing Address	*City*	*State*	*Country*	*Zip Code*

NAME AND ADDRESS OF GOVERNING PERSON (Enter the name of either an individual or an organization, but not both.)

IF INDIVIDUAL

First Name	*M.I.*	*Last Name*	*Suffix*

OR

IF ORGANIZATION

Organization Name

Street or Mailing Address	*City*	*State*	*Country*	*Zip Code*

Docusign Envelope ID: A2FD1760-6EF7-47B0-9249-96D3E98C28DD

Supplemental Provisions/Information

Text Area: [The attached addendum, if any, is incorporated herein by reference.]

Effectiveness of Filing (Select either A, B, or C.)

A. ☑ This document becomes effective when the document is filed by the secretary of state.

B. ☐ This document becomes effective at a later date, which is not more than ninety (90) days from the date of signing. The delayed effective date is: _____

C. ☐ This document takes effect upon the occurrence of a future event or fact, other than the passage of time. The 90th day after the date of signing is: _____

The following event or fact will cause the document to take effect in the manner described below:

Execution

The undersigned affirms that the person designated as registered agent has consented to the appointment. The undersigned signs this document subject to the penalties imposed by law for the submission of a materially false or fraudulent instrument and certifies under penalty of perjury that the undersigned is authorized under the provisions of law governing the entity to execute the filing instrument.

Date: 1/16/2025

Signed by:
Michael Montfort
64E7FE31F0244OA...
Signature of authorized person (see instructions)

Michael Montfort
Printed or typed name of authorized person.

Form 401-A
(Revised 12/09)

Acceptance of Appointment and Consent to Serve as Registered Agent §5.201(b) Business Organizations Code

The following form may be used when the person designated as registered agent in a registered agent filing is an individual.

Acceptance of Appointment and Consent to Serve as Registered Agent

I acknowledge, accept and consent to my designation or appointment as registered agent in Texas for

Name of represented entity

I am a resident of the state and understand that it will be my responsibility to receive any process, notice, or demand that is served on me as the registered agent of the represented entity; to forward such to the represented entity; and to immediately notify the represented entity and submit a statement of resignation to the Secretary of State if I resign.

x: _____

Signature of registered agent | *Printed name of registered agent* | *Date (mm/dd/yyyy)*

The following form may be used when the person designated as registered agent in a registered agent filing is an organization.

Acceptance of Appointment and Consent to Serve as Registered Agent

I am authorized to act on behalf of Corporation Service Company d/b/a CSC-Lawyers Incorporating Service Company

Name of organization designated as registered agent

The organization is registered or otherwise authorized to do business in Texas. The organization acknowledges, accepts and consents to its appointment or designation as registered agent in Texas for:

Homebound Group LLC

Name of represented entity

The organization takes responsibility to receive any process, notice, or demand that is served on the organization as the registered agent of the represented entity; to forward such to the represented entity; and to immediately notify the represented entity and submit a statement of resignation to the Secretary of State if the organization resigns.

x: By: _____ Brian Courtney, Asst. Vice President 1/16/2025

Signature of person authorized to act on behalf of organization | *Printed name of authorized person* | *Date (mm/dd/yyyy)*

Corporation Service Company d/b/a CSC-Lawyers Incorporating Service Company

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: N/A

Applicant: Homebound Group, 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 Montfort

Signatory title: External Manager

Signature: Michael Montfort Date: Oct. 14, 2025

(Use blue ink)

Subscribed and Sworn to before me by the said Michael Montfort

on this 14th day of October, 2025.

My commission expires on the 30th day of September, 2026.

Shelia L. Spruiell

Notary Public

[SEAL]

Washington, DC

County, Texas

DC

Section 14. Laboratory Accreditation (Instructions Page 55)

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 Montfort

Title: External Manager

Signature: Michael Montfort

Date: Oct. 14, 2025

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:

SECTION IV: Preparer Information

40. Name:	Raul Dominguez	41. Title:	P.E.

42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(346) 439-8113		( ) -	raul.dominguez@kimley-horn.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:	Homebound Group, LLC	**Job Title:**	External Manager
Name *(In Print):*	Michael Montfort	**Phone:**	(212) - 999 - 5800
Signature:	Michael Montfort	**Date:**	Oct. 14, 2025

Candice Calhoun

From: Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Sent: Friday, October 3, 2025 12:07 PM
To: Candice Calhoun
Cc: Dominguez, Raul; Qiu, Jessie; Moriarty, Michael
Subject: RE: TCEQ NOD Response Letter - Homebound Group WWTP
Attachments: Avery5160_Landowners Labels.docx; Municipal Disposal New Spanish NORI WQ0016881001.docx; 20251003_TCEQ_Transmittal_Homebound Group WWTP_NODResponse2.pdf

Good afternoon Candice,

I hope you are doing well.

Attached is the revised TCEQ NOD response letter addressing a few of the additional comments we received today.

Seeing as today is the deadline for a completed response letter, and we are still waiting to receive updated signature sheets and signatory authority documentation from the owner; we are expecting to need the additional 30 days to submit a full response.

As noted in the response, the complete TLAP Discharge Permit Application will be re-submitted and mailed once the updated signature sheets and signatory authority documentation have been received from the owner.

Please let me know if you have any questions or concerns.

Best,

Alyssa Thomas
Kimley-Horn | 11700 Katy Fwy #800, Houston, TX 77079
Direct: 346-439-0378
Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com

Celebrating 16 years as one of FORTUNE's 100 Best Companies to Work For

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From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Friday, October 3, 2025 8:11 AM
To: Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Cc: Dominguez, Raul <Raul.Dominguez@kimley-horn.com>; Qiu, Jessie <Jessie.Qiu@kimley-horn.com>; Moriarty, Michael <Michael.Moriarty@kimley-horn.com>
Subject: RE: TCEQ NOD Response Letter - Homebound Group WWTP
Importance: High

You don't often get email from candice.calhoun@tceq.texas.gov. Learn why this is important

Good morning, Alyssa,

Thank you for your email. Your response to items 2, 4, 5, and 6 is sufficient. However, more information is needed for items 1, 3, 7, 8, and 9. Please see below.

- Item 1 – I look forward to receiving the response to this item.

- Item 3 – I look forward to receiving the response to this item.

- Item 7 – The mailing labels were not provided in a Microsoft Word document as requested. Please provide the Microsoft word document.

- Item 8 – Due to the requested changes in the NORI, updated pages of the application are needed. The mailing address listed at the beginning of the NORI is the mailing address for the permit. What was listed is based on Section II, item 15 of the CDF. If you would like the change the mailing address, please provide an updated CDF to include the updated information. For the contact listed at the end of the NORI, what was listed is based on the individual listed in Section 8, item C of the administrative report. If you would like to change this information, please provide an updated section of the application to provide the updated information.

- Item 9 – The Translated NORI was not provided in a Microsoft Word document. Please provide this in a Microsoft Word document.

Please be advised that today is the deadline for a complete response. If a complete response is not received by close of business today, I will need to send this over to my supervisor to issue a 30-day notice, which essentially provides you with an additional 30 days to provide a complete response.

If you have any questions, please let me know.

Regards,

Candice Courville
License & Permit Specialist
ARP Team | Water Quality Division
Texas Commission on Environmental Quality
512-239-4312
candice.calhoun@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

From: Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Sent: Thursday, October 2, 2025 5:41 PM
To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>

Kimley»Horn

October 3, 2025

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC-148)
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

RE: **TLAP Discharge Permit for The Homebound Group WWTP (WQ0016881001)**
CN: 606418077
RN: 112285796

Dear Candice Calhoun:

This letter serves to transmit the response to the items requested for the administrative review of the TLAP Permit No. WQ0016881001.

---

1. Our records indicate that an original paper application was not received. The original paper application and the e-copy of the application are both required. Please submit the original paper copy of the application to: **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, WATER QUALITY DIVISION, APPLICATION REVIEW AND PROCESSING TEAM (MC 148), P.O. BOX 13087, AUSTIN, TEXAS 78711-3087.**

Acknowledged. An original paper application will be submitted once updated signature sheets and documentation of signatory authority have been received from the owner.

Item 1 - I look forward to receiving the response to this item.

Acknowledged. An original paper application will be submitted in the near future once updated signature sheets and documentation of signatory authority have been received from the owner.

2. Section 5 of the administrative report: A 2nd permit contract was not provided. This section requests two permit contacts to be provided. Please provide a revised section of the application to include a 2nd permit contract.

Acknowledged. The comments listed above have been addressed. Please see Appendix A of the response letter to locate Section 5 of the administrative report for the updated 2nd permit contact.

3. Section 14 of the administrative report – Signature Page: The individual that signed the application is insufficient. The individual must be at least the level of vice president or documentation that signatory authority has been delegated must be provided. Please provide an

updated section 3 and section 14 to show an individual that their title meets the requirements or provide the documentation that signatory authority has been delegated.

Acknowledged. A documentation of signatory authority will be submitted when it has been received from the owner.

Item 3 - I look forward to receiving the response to this item.

Acknowledged. A documentation of signatory authority will be submitted in the near future when it has been received from the owner.

4. Core Data Form (CDF), Section III, Item 25: Based on my verification of the location description provided, it seems the site is located southwest of the intersection as well as the intersection seems to be Red Creek Road and U.S. Highway 380, not FM 380. Please confirm if the updated description, listed in the NORI, matches the site's coordinates. If so, please provide a revised CDF and PLS to update the location description. If not, please provide a revised CDF with updated site coordinates.

Acknowledged. The comment listed above have been addressed. Please see Appendix B of the response letter for the updated location description located on the Core Data Form in Section III, item 25 and the Plain Language Summary Form.

5. USGS Topographic Map: The USGS map provided did not include the effluent disposal site location. Please provide a revised USGS map.

Acknowledged. The Homebound Group WWTP effluent will be disposed of in an evaporation pond. The effluent disposal site location is shown on the USGS Map and labeled as "Proposed Evaporation Pond." Please see Appendix C of the response letter to view the proposed USGS map.

6. Affected Landowner Map: The landowner map provided did not include the effluent disposal site location. Please provide a revised landowner map.

Acknowledged. The Homebound Group WWTP effluent will be disposed of in an evaporation pond. The effluent disposal site location is shown on the Affected Landowner Map and labeled as "Proposed Evaporation Pond." Please see Appendix D of the response letter to view the proposed Affected Landowners Map.

7. Affected Landowner Mailing Labels: Please provide the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

Acknowledged. The comment listed above has been addressed. Please see Appendix E of the response letter for the updated Affected Landowner Mailing Labels in Avery 5160 format.

Item 7 – The mailing labels were not provided in a Microsoft Word document as requested. Please provide the Microsoft word document.

Acknowledged. A Microsoft Word document of the mailing labels has been provided in a separate attachment.

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

   APPLICATION. Homebound Group LLC, 4581 Webb Street, Pryor Creek, Oklahoma 74361, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0016881001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 31,000 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the city of Haskell, in Haskell County, Texas 79521. TCEQ received this application on September 17, 2025. The permit application will be available for viewing and copying at Haskell County Library, on the bulletin board in the atrium, 300 North Avenue E, Haskell, in Haskell 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/pendingpermits/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=-99.57379,33.142577&level=18
   Further information may also be obtained from Homebound Group LLC at the address stated above or by calling Mr. Conner Morrow, Facility Manager, at 650-316-9172.

There were a couple of errors that were found in the NORI. Those errors have been updated in the NORI below and are blue in color for your reference.

APPLICATION. Homebound Group LLC, 1301 6th Ave #40, New York, New York 10019, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0016881001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 31,000 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the city of Haskell, in Haskell County, Texas 79521. TCEQ received this application on September 17, 2025. The permit application will be available for viewing and copying at Haskell County Library, on the bulletin board in the atrium, 300 North Avenue E, Haskell, in Haskell 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/pendingpermits/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=-99.57379,33.142577&level=18
Further information may also be obtained from Homebound Group LLC at the address stated above or by calling Mr. Michael Montfort, External Manager, at 212-999-5800.

Item 8 – Due to the requested changes in the NORI, updated pages of the application are needed. The mailing address listed at the beginning of the NORI is the mailing address for the permit. What was listed is based on Section II, item 15 of the CDF. If you would like to change the mailing address, please provide an updated CDF to include the updated information. For the contact listed at the end of the NORI, what was listed is based on the individual listed in Section 8, item C of the administrative report. If you would like to change this information, please provide an updated section of the application to provide the updated information.

Acknowledged. An updated Core Data Form and section of the administrative application have been provided in Appendix F of this response letter.

9. 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.

Acknowledged. A PDF of the translated Spanish NORI has been attached and provided in a Microsoft Word document.

Item 9 – The Translated NORI was not provided in a Microsoft Word document. Please provide this in a Microsoft Word document.

Acknowledged. A Microsoft Word document of the translated Spanish NORI has been attached as a separate attachment.

If you have any questions regarding this project or our response, please contact me at 346-439-8113.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC. Texas Firm No. 928

Raul Dominguez, P.E. (Texas License No. 149364)

K:\HOU_Utilities\065017911_Project Journey WWTP\06_Permit\06_NOD

APPENDIX A

B. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, TX 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address:homeboundllctx@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

APPENDIX B

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.)*

Homebound Group Wastewater Treatment Plant

23. Street Address of the Regulated Entity:	N/A							
(No PO Boxes)	**City**		**State**		**ZIP**		**ZIP + 4**	
24. County								

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

25. Description to Physical Location:	The facility will be located at Red Creek Rd, approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the City of Haskell, in Haskell County, Texas 79521.

26. Nearest City	**State**	**Nearest ZIP Code**
Haskell	TX	79521

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:	33.14257778		**28. Longitude (W) In Decimal:**	99.57379167	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	33.28	99	34	25.65

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)
7374	4952	518210	221320

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

ndustrial Site for Computer Processing

34. Mailing Address:	**1301 6th Ave #40**							
	City	**New York**	**State**	**NY**	**ZIP**	**10019**	**ZIP + 4**	

35. E-Mail Address:	**homeboundllctx@gmail.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(212) 999-5800		**( ) -**

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

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

☒ Texas Land Application Permit (TLAP)

☐ State Only Concentrated Animal Feeding Operation (CAFO)

☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

The Homebound Group, LLC proposes to operate a wastewater treatment plant. The facility will be located approximately 20 miles east of Haskell, TX and near the intersection of Red Creek Rd & Loop Rd, in Haskell, Haskell County, Texas 79521.

The plant is sized to serve industrial & potable wastewater. The total average daily flow is projected to be ultimately 31,000 GPD.

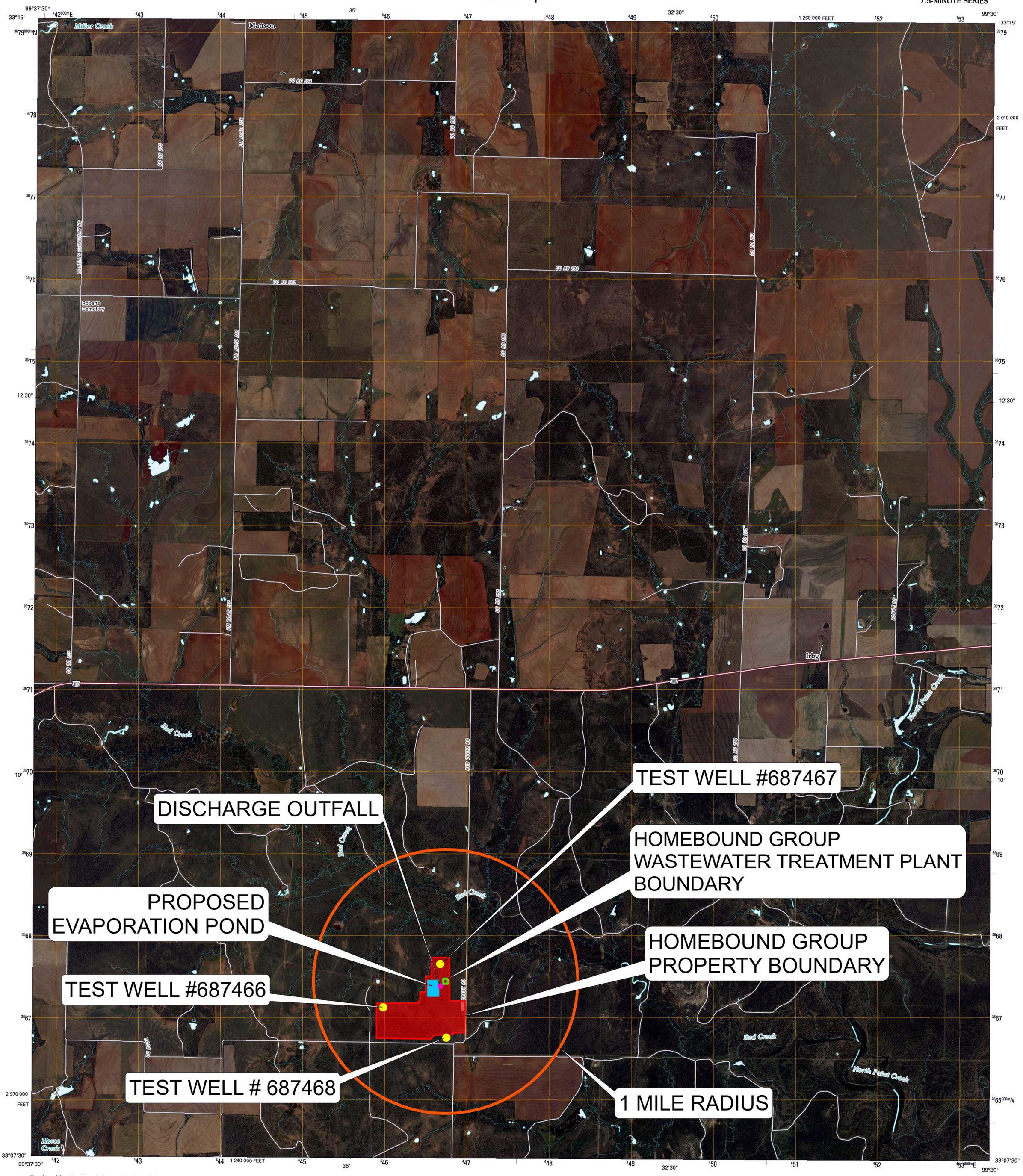
Discharges from the facility are expected to contain five-day biological oxygen demand (BOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), phosphorus (P), and dissolved oxygen (DO). The domestic wastewater will be treated by a conventional activated sludge process plant and the treatment units include a manual bar screen, aeration basins, clarifiers, chlorine contact basins, and sludge digesters.

APPENDIX C

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

The National Map US Topo

IRBY QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Texas Coordinate System of 1983
(north central zone)

Imagery.....NAIP, September 2008
Roads.....US Census Bureau TIGER data with limited USGS updates, 2008
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 1995
Contours.....National Elevation Dataset, 2005

UTM GRID AND 2010 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
MB
Grid Zone Designation
14S

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET

This map was produced to conform with version 0.5.10 of the draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is also draft version 0.5.10

QUADRANGLE LOCATION

Weinert	Mattson	Antelope Creek SW
Haskell	Irby	Reynolds Bend NW
Lake Stamford West	Lake Stamford East	Hoover Mountain

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION
Interstate Route
US Route
Ramp
State Route
Local Road
4WD

IRBY, TX
2010

Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

EX

ATTACHMENT 4

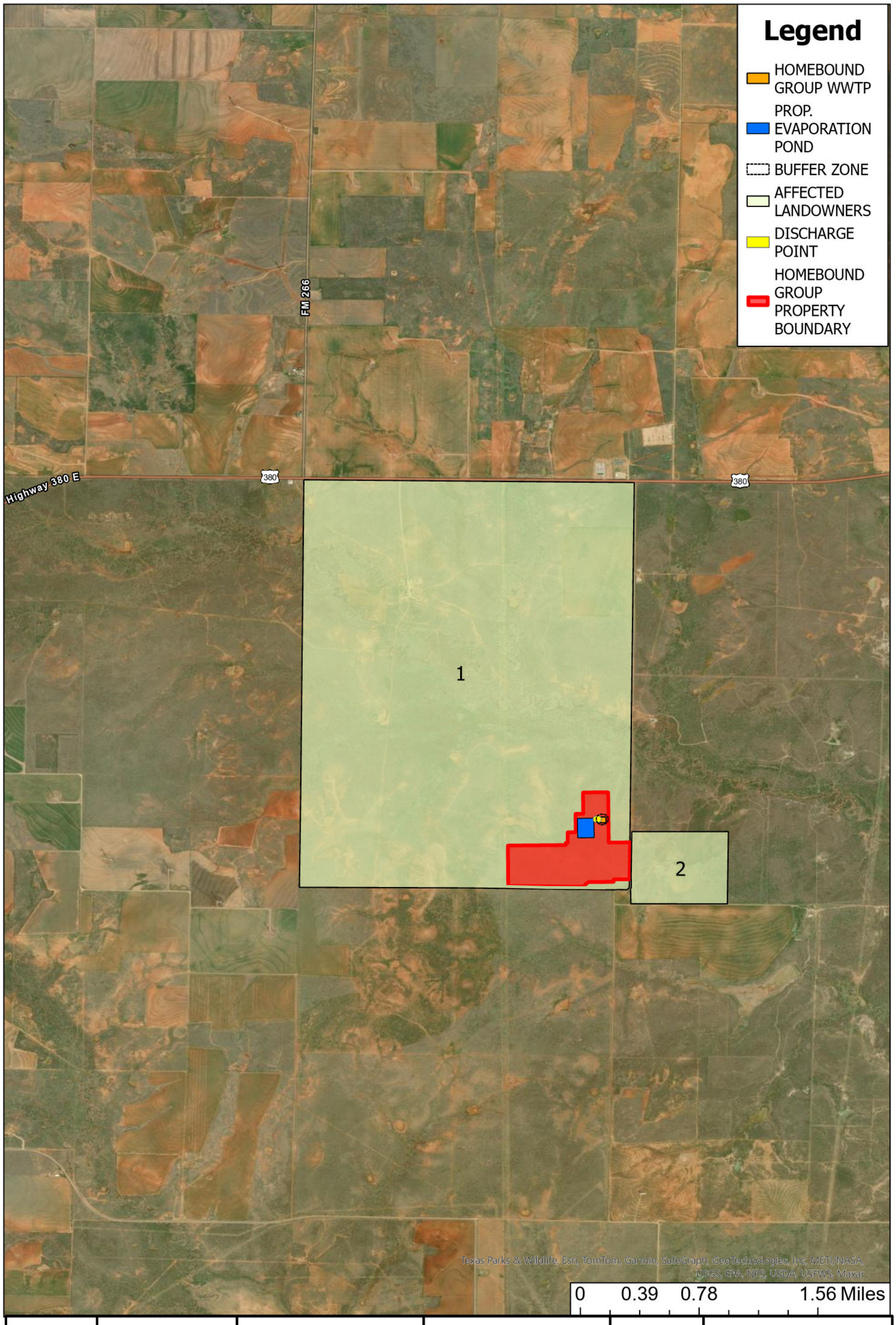
HOMEBOUND GROUP
WASTEWATER TREATMENT PLANT

ORIGINAL USGS MAP

DOMESTIC WASTEWATER PERMIT

DATE:	09/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

APPENDIX D



EX

DATE:	9/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

ATTACHMENT 5

TLAP PERMIT APPLICATION

AFFECTED LANDOWNER MAP

HOMEBOUND GROUP WWTP

No.	Revision	By	Date

APPENDIX E

4 NIETOS LTD
272 REIDS BEND
BASTROP, TX 78602-7791

FLAT TOP EIGHT RANCHES
PO BOX 2798
ALBANY, TX 76430-1616

APPENDIX F

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 606418077		RN

SECTION II: Customer Information

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

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

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:*

Homebound Group, 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)
805869228	32098447892	995141510	N/A

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:

1301 6th Ave #40

City	State	ZIP	ZIP + 4
New York	NY	10019	

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

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(212) 999-5800		( ) -

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.)*

Homebound Group Wastewater Treatment Plant

23. Street Address of the Regulated Entity:	N/A							
(No PO Boxes)	**City**		**State**		**ZIP**		**ZIP + 4**	
24. County								

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

25. Description to Physical Location:	The facility will be located at Red Creek Rd, approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the City of Haskell, in Haskell County, Texas 79521.

26. Nearest City	**State**	**Nearest ZIP Code**
Haskell	TX	79521

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:	33.14257778		**28. Longitude (W) In Decimal:**	99.57379167	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	33.28	99	34	25.65

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)
7374	4952	518210	221320

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

Industrial Site for Computer Processing

34. Mailing Address:	**1301 6th Ave #40**							
	City	**New York**	**State**	**NY**	**ZIP**	**10019**	**ZIP + 4**	

35. E-Mail Address:	**homeboundllctx@gmail.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(212) 999-5800		**( ) -**

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:

SECTION IV: Preparer Information

40. Name:	Raul Dominguez	**41. Title:**	P.E.

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(346 **)** 439-8113		**( ) -**	raul.dominguez@kimley-horn.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:	Homebound Group, LLC	**Job Title:**	External Manager
Name *(In Print):*	Michael Montfort	**Phone:**	**(** 212 **)** 999- **5800**
Signature:		**Date:**	

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: Click to enter text.

Name Printed on Check: Click to enter text.

EPAY Voucher Number: 783117 & 783118

Copy of Payment Voucher enclosed? Yes ☒ Attachment 23

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 Water Treatment

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

☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: N/A

f. **For existing permits**:

Permit Number: WQ00 N/A

EPA I.D. (TPDES only): TX N/A

Expiration Date: N/A

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

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

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

Homebound Group, 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: 606418077

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

Prefix: N/A

Last Name, First Name: Montfort, Michael

Title: External Manager

Credential: N/A

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

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

N/A

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

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

CN: N/A

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

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

Title: N/A Credential: N/A

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: N/A Last Name, First Name: Montfort, Michael

Title: Facility Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@gmail.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

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

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@gmail.com

B. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, TX 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address:homeboundllctx@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77090

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.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: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 100

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@gmail.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: Haskell County Library

Location within the building: On the bulletin board in the atrium

Physical Address of Building: 300 N Ave E

City: Haskell County: Haskell

Contact (Last Name, First Name): Joni Bullock, Library Assistant

Phone No.: (940) - 864- 2747 Ext.: N/A

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: Attachment 2

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: Attachment 3

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** N/A

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

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

Homebound Group Wastewater Treatment Plant

C. Owner of treatment facility: Homebound Group, 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: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A

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: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A

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

Prefix: XXX Last Name, First Name: XXX

Title: XXX Credential: XXX

Organization Name: XXX

Mailing Address: XXX City, State, Zip Code: XXX

Phone No.: XXX E-mail Address: XXX

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

Attachment:N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

N/A

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:

N/A

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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

4 NIETOS LTD
272 REIDS BEND
BASTROP TX 78602-7791

FLAT TOP EIGHT RANCHES
PO BOX 2798
ALBANY TX 76430-1616

Candice Calhoun

From: Thomas, Alyssa <Alyssa.Thomas@kimley-horn.com>
Sent: Thursday, October 2, 2025 5:41 PM
To: Candice Calhoun
Cc: Dominguez, Raul; Qiu, Jessie; Moriarty, Michael
Subject: TCEQ NOD Response Letter - Homebound Group WWTP
Attachments: Municipal Disposal New Spanish NORI WQ0016881001.pdf; TCEQ_Transmittal_Homebound Group WWTP_NODResponse.pdf

Good afternoon Candice,

I hope this email finds you well. My name is Alyssa Thomas with Kimley-Horn & Associates. We recently submitted The Homebound Group WWTP Discharge Permit TLAP Application (WQ0016881001) for TCEQ review on September 17, 2025.
On September 19, 2025, we received a Notice of Deficiency letter from your office, requesting comments to be addressed for the application to be considered administratively complete. Attached is the requested comment response, along with all supporting attachments, for your review.

Please let me know if you have any questions.

Best,

Alyssa Thomas
Kimley-Horn | 11700 Katy Fwy #800, Houston, TX 77079
Direct: 346-439-0378
Connect with us: Twitter | LinkedIn | Facebook | Instagram | Kimley-Horn.com

Celebrating 16 years as one of FORTUNE's 100 Best Companies to Work For

Kimley»Horn

October 2, 2025

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC-148)
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

RE: **TLAP Discharge Permit for The Homebound Group WWTP (WQ0016881001)**
CN: 606418077
RN: 112285796

Dear Candice Calhoun:

This letter serves to transmit the response to the items requested for the administrative review of the TLAP Permit No. WQ0016881001.

---

1. Our records indicate that an original paper application was not received. The original paper application and the e-copy of the application are both required. Please submit the original paper copy of the application to: **TEXAS COMMISSION ON ENVIRONMENTAL QUALITY, WATER QUALITY DIVISION, APPLICATION REVIEW AND PROCESSING TEAM (MC 148), P.O. BOX 13087, AUSTIN, TEXAS 78711-3087.**

Acknowledged. An original paper application will be submitted once updated signature sheets and documentation of signatory authority has been received from the owner.

2. Section 5 of the administrative report: A 2nd permit contract was not provided. This section requests two permit contacts to be provided. Please provide a revised section of the application to include a 2nd permit contract.

Acknowledged. The comments listed above have been addressed. Please see Appendix A of the response letter to locate Section 5 of the administrative report for the updated 2nd permit contact.

3. Section 14 of the administrative report – Signature Page: The individual that signed the application is insufficient. The individual must be at least the level of vice president or documentation that signatory authority has been delegated must be provided. Please provide an updated section 3 and section 14 to show an individual that their title meets the requirements or provide the documentation that signatory authority has been delegated.

Acknowledged. A documentation of signatory authority will be submitted when it has been received from the owner.

4. Core Data Form (CDF), Section III, Item 25: Based on my verification of the location description provided, it seems the site is located southwest of the intersection as well as the intersection seems to be Red Creek Road and U.S. Highway 380, not FM 380. Please confirm if the updated description, listed in the NORI, matches the site's coordinates. If so, please provide a revised CDF and PLS to update the location description. If not, please provide a revised CDF with updated site coordinates.

Acknowledged. The comment listed above have been addressed. Please see Appendix B of the response letter for the updated location description located on the Core Data Form in Section III, item 25 and the Plain Language Summary Form.

5. USGS Topographic Map: The USGS map provided did not include the effluent disposal site location. Please provide a revised USGS map.

Acknowledged. The Homebound Group WWTP effluent will be disposed of in an evaporation pond. The effluent disposal site location is shown on the USGS Map and labeled as "Proposed Evaporation Pond." Please see Appendix C of the response letter to view the proposed USGS map.

6. Affected Landowner Map: The landowner map provided did not include the effluent disposal site location. Please provide a revised landowner map.

Acknowledged. The Homebound Group WWTP effluent will be disposed of in an evaporation pond. The effluent disposal site location is shown on the Affected Landowner Map and labeled as "Proposed Evaporation Pond." Please see Appendix D of the response letter to view the proposed Affected Landowners Map.

7. Affected Landowner Mailing Labels: Please provide the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document.

Acknowledged. The comment listed above has been addressed. Please see Appendix E of the response letter for the updated Affected Landowner Mailing Labels in Avery 5160 format.

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

APPLICATION. Homebound Group LLC, 4581 Webb Street, Pryor Creek, Oklahoma 74361, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0016881001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 31,000 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the city of Haskell, in Haskell County, Texas 79521. TCEQ received this application on September 17, 2025. The permit application will be available for viewing and copying at Haskell County Library, on the bulletin board in the atrium, 300 North Avenue E, Haskell, in Haskell 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/pendingpermits/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=-99.57379,33.142577&level=18
Further information may also be obtained from Homebound Group LLC at the address stated above or by calling Mr. Conner Morrow, Facility Manager, at 650-316-9172.

There were a couple of errors that were found in the NORI. Those errors have been updated in the NORI below and are blue in color for your reference.

APPLICATION. Homebound Group LLC, 1301 6th Ave #40, New York, New York 10019, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0016881001 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 31,000 gallons per day via evaporation. The domestic wastewater treatment facility and disposal area will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the city of Haskell, in Haskell County, Texas 79521. TCEQ received this application on September 17, 2025. The permit application will be available for viewing and copying at Haskell County Library, on the bulletin board in the atrium, 300 North Avenue E, Haskell, in Haskell 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/pendingpermits/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=-99.57379,33.142577&level=18
Further information may also be obtained from Homebound Group LLC at the address stated above or by calling Mr. Michael Montfort, External Manager, at 212-999-5800.

9. 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.

Acknowledged. A PDF of the translated Spanish NORI has been attached and provided in a Microsoft Word document.

If you have any questions regarding this project or our response, please contact me at 346-439-8113.

Sincerely,
KIMLEY-HORN AND ASSOCIATES, INC. Texas Firm No. 928

Raul Dominguez, P.E. (Texas License No. 149364)

K:\HOU_Utilities\065017911_Project Journey WWTP\06_Permit\06_NOD

APPENDIX A

B. Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, TX 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address: homeboundllctx@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: N/A Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group, LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: 212-999-5800 E-mail Address:homeboundllctx@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Dominguez, Raul

Title: Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 11700 Katy Freeway Suite #800 City, State, Zip Code: Houston, Texas 77079

Phone No.: (346) 439-8113 E-mail Address: raul.dominguez@kimley-horn.com

APPENDIX B

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.)*

Homebound Group Wastewater Treatment Plant

23. Street Address of the Regulated Entity:	N/A							
(No PO Boxes)	**City**		**State**		**ZIP**		**ZIP + 4**	
24. County								

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

25. Description to Physical Location:	The facility will be located at Red Creek Rd, approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380, near the City of Haskell, in Haskell County, Texas 79521.

26. Nearest City	**State**	**Nearest ZIP Code**
Haskell	TX	79521

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:	33.14257778		**28. Longitude (W) In Decimal:**	99.57379167	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
33	8	33.28	99	34	25.65

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)
7374	4952	518210	221320

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

ndustrial Site for Computer Processing

34. Mailing Address:	**1301 6th Ave #40**							
	City	**New York**	**State**	**NY**	**ZIP**	**10019**	**ZIP + 4**	

35. E-Mail Address:	**homeboundllctx@gmail.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(212) 999-5800		**( ) -**

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

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

☒ Texas Land Application Permit (TLAP)

☐ State Only Concentrated Animal Feeding Operation (CAFO)

☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

The Homebound Group, LLC proposes to operate a wastewater treatment plant. The facility will be located approximately 20 miles east of Haskell, TX and near the intersection of Red Creek Rd & Loop Rd, in Haskell, Haskell County, Texas 79521.

The plant is sized to serve industrial & potable wastewater. The total average daily flow is projected to be ultimately 31,000 GPD.

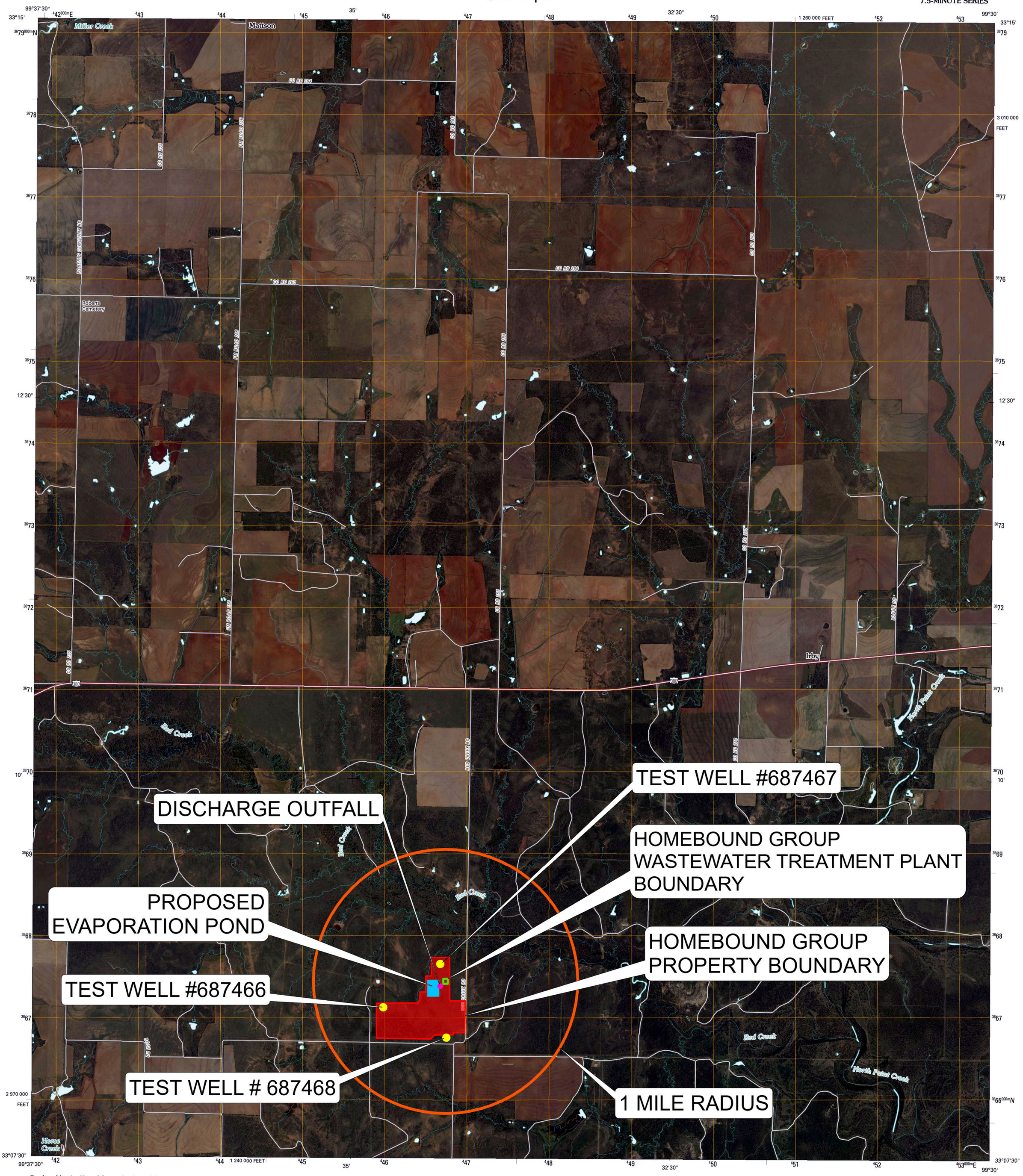
Discharges from the facility are expected to contain five-day biological oxygen demand (BOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), phosphorus (P), and dissolved oxygen (DO). The domestic wastewater will be treated by a conventional activated sludge process plant and the treatment units include a manual bar screen, aeration basins, clarifiers, chlorine contact basins, and sludge digesters.

APPENDIX C

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

The National Map US Topo

IRBY QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14S
10 000-foot ticks: Texas Coordinate System of 1983
(north central zone)

Imagery.....NAIP, September 2008
Roads.....US Census Bureau TIGER data with limited USGS updates, 2008
Names.....GNIS, 2008
Hydrography.....National Hydrography Dataset, 1995
Contours.....National Elevation Dataset, 2005

UTM GRID AND 2010 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
MB
Grid Zone Designation
14S

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 10 FEET

This map was produced to conform with version 0.5.10 of the draft USGS Standards for 7.5-Minute Quadrangle Maps.
A metadata file associated with this product is also draft version 0.5.10

QUADRANGLE LOCATION

Weinert	Mattson	Antelope Creek SW
Haskell	Irby	Reynolds Bend NW
Lake Stamford West	Lake Stamford East	Hoover Mountain

ADJOINING 7.5' QUADRANGLES

ROAD CLASSIFICATION
Interstate Route
US Route
Ramp
State Route
Local Road
4WD

IRBY, TX
2010

Esri, NASA, NGA, USGS, FEMA, Texas Parks & Wildlife, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS

EX

ATTACHMENT 4

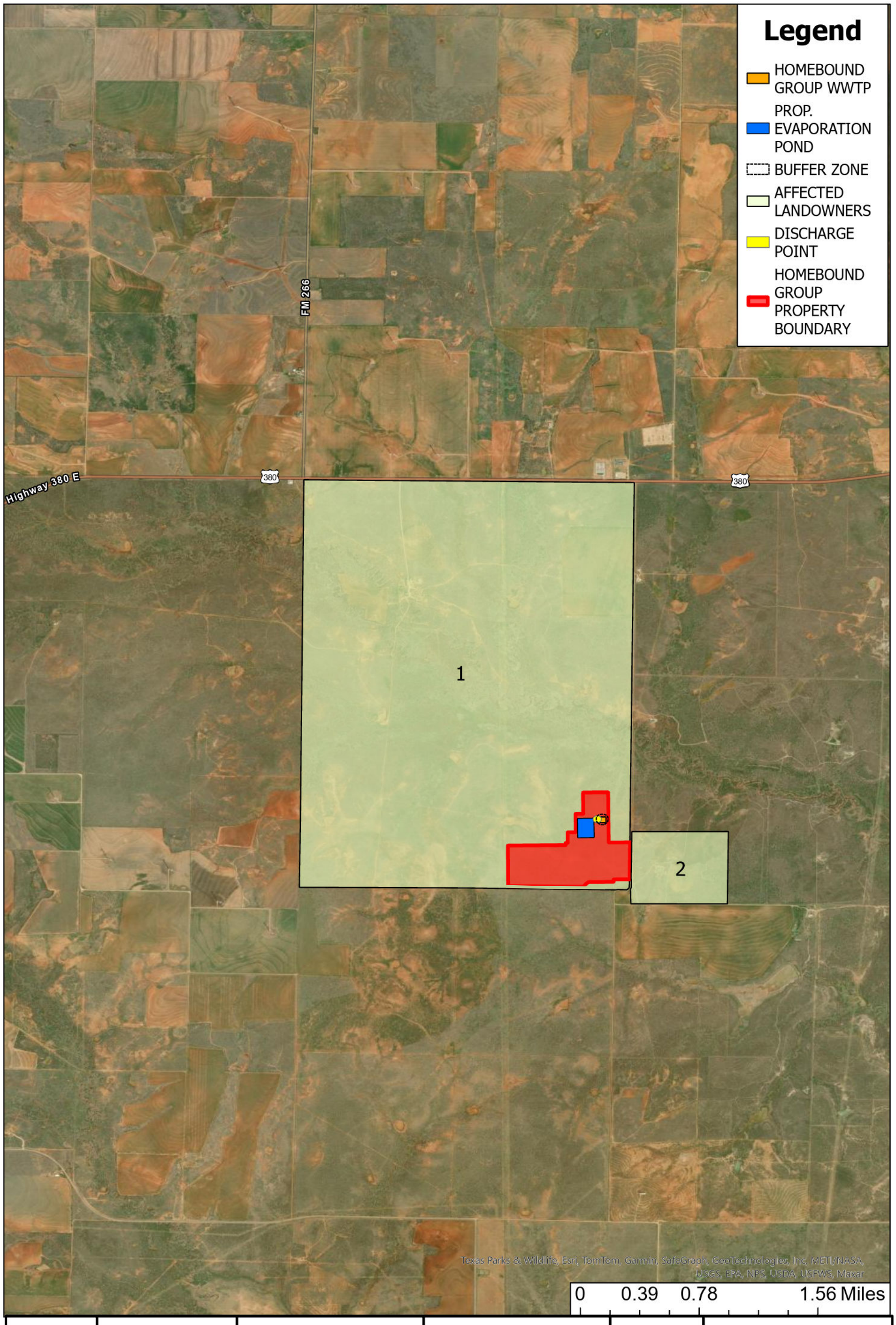
HOMEBOUND GROUP
WASTEWATER TREATMENT PLANT

ORIGINAL USGS MAP

DOMESTIC WASTEWATER PERMIT

DATE:	09/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

APPENDIX D



EX

DATE:	9/10/2025
DESIGN:	RED
DRAWN:	NMT
CHECKED:	MPM
KHA NO.:	065017911

ATTACHMENT 5

TLAP PERMIT APPLICATION

AFFECTED LANDOWNER MAP

HOMEBOUND GROUP WWTP

No.	Revision	By	Date

APPENDIX E

4 NIETOS LTD
272 REIDS BEND
BASTROP, TX 78602-7791

FLAT TOP EIGHT RANCHES
PO BOX 2798
ALBANY, TX 76430-1616

Comisión de Calidad Ambiental del Estado de Texas

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

PERMISO PROPUESTO NO. WQ00

SOLICITUD. *Homebound Group LLC, 1301 6th Ave #40, New York, New York 10019*, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016881001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de *31,000* galones por día mediante *una laguna de evaporacion*. La planta y el área de disposición estarán ubicados *aproximadamente 2.7 millas al suroeste de la intersección de la calle Red Creek y la autopista U.S. Highway 380, cerca de la ciudad de Haskell,* en el Condado de *Haskell*, Texas *79521*. La TCEQ recibió esta solicitud el *Septiembre 17, 2025.* La solicitud para el permiso estará disponible para leerla y copiarla en la biblioteca del Condado de Haskell, en el tablón de anuncios del atrio, 300 North Avenue E, Haskell, en el condado de Haskell, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications.
Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-99.57379,33.142577&level=18

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

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

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y

emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

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

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

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

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

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron

retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

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

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

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

También se puede obtener información adicional de Homebound Group LLC en la dirección indicada arriba o llamando a *al Señor Michael Montfort, Gerente Externo,* al teléfono 212-999-5800.

Fecha de emisión: *[Date notice issued]*

TCEQ TLAP PERMIT APPLICATION

Homebound Group Water/Wastewater Design

Haskell, TX

October 22, 2025

Prepared By:

HDR Engineering, Inc.
1917 S 67th Street
Omaha, NE 68106
P: (402) 392-6986

October 22nd, 2025

To:
Executive Director
Application Review and Processing Team (MC148)
Texas Commission on Environmental Quality
12100 Park 35 Circle
Austin, Texas 78753

On behalf of Homebound Group LLC, we are submitting this application for a Texas Land Application Permit (TLAP) for a new wastewater treatment system at the Haskell County project site. The proposed facility will treat approximately 37,000 gallons per day of domestic wastewater. Treatment will be provided through a packaged biological system followed by tertiary filtration and chlorination to meet effluent quality standards and meet odor concerns.

The treated effluent will be discharged to an on-site HDPE-lined evaporation pond designed with dual liners and leak detection to prevent groundwater impacts. The system includes provisions for buffer zone compliance and solids management through off-site hauling to a permitted facility. No discharge to waters of the state is proposed under this permit.

This application includes all required forms, technical reports, design calculations, and supporting documentation. We appreciate your review and look forward to working with TCEQ to ensure compliance with applicable regulations.

Please contact me at (402) 392-6986 or at Abhijeet.Saraf@hdrinc.com if you have any questions or require any additional information.

Respectfully submitted,

Abhijeet Saraf,
HDR Engineering, Inc.

List of Forms

Form TCEQ-10053: Domestic Wastewater Permit Application Administrative Report

Form TCEQ-10054: Domestic Wastewater Permit Application Technical Report

List of Attachments

Attachment 1: TCEQ ePay Receipt (Trace Number: 582EA000690537)

Attachment 2: Core Data Form (Domestic Administrative Report – Page 4)

Attachment 3: Summary of Application in Plain Language Form (Domestic Administrative Report – Page 7)

Attachment 4: Public Involvement Plan Form (Domestic Administrative Report – Page 7)

Attachment 5: Full-Size USGS Topographic Map (Domestic Administrative Report – Page 10)

Attachment 6: Affected Landowners Map (Domestic Administrative Report – Page 12)

Attachment 7: Cross-Referenced Landowners List (Domestic Administrative Report – Page 12)

Attachment 8: Original Photographs (Domestic Administrative Report – Page 13)

Attachment 9: Buffer Zone Map (Domestic Administrative Report – Page 13)

Attachment 10: Nuisance Odor Prevention TCEQ Correspondence

Attachment 11: Process Flow Diagram (Domestic Technical Report 1.0 – Page 2)

Attachment 12: Site Layout Drawing (Domestic Technical Report 1.0 – Page 3)

Attachment 13: Design Calculations (Domestic Technical Report 1.1 – Page 22)

Attachment 14: Wind Rose Diagram (Domestic Technical Report 1.1 – Page 23)

Attachment 15: Sludge Management Plan (Domestic Technical Report 1.1 – Page 24)

Attachment 16: Existing Well Logs (Worksheet 3.0 Land Disposal of Effluent – Page 33)

Attachment 17: Soil Map (Worksheet 3.0 Land Disposal of Effluent – Page 34)

Attachment 18: Evaporation Pond Calculations (Worksheet 3.1 Surface Land Disposal of Effluent – Page 37)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Homebound Group LLC.

PERMIT NUMBER (If new, leave blank): WQ00

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	☒	☐
Summary of Application (PLS)	☒	☐	Flow Diagram	☒	☐
Public Involvement Plan Form	☒	☐	Site Drawing	☒	☐
Technical Report 1.0	☒	☐	Original Photographs	☒	☐
Technical Report 1.1	☒	☐	Design Calculations	☒	☐
Worksheet 2.0	☐	☒	Solids Management Plan	☒	☐
Worksheet 2.1	☐	☒	Water Balance	☒	☐
Worksheet 3.0	☒	☐			
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: N/A

Check/Money Order Amount: N/A

Name Printed on Check: N/A

EPAY — Voucher Number: ePay Trace Number: 582EA000690537

Copy of Payment Voucher enclosed? Yes ☒ See Attachment 1.

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 Water Treatment

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

☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

e. For amendments or modifications, describe the proposed changes: N/A.

f. For existing permits:

Permit Number: WQ00 N/A.

EPA I.D. (TPDES only): TX N/A.

Expiration Date: N/A.

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

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

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

Homebound Group 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: 606418077.

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: Montfort, Michael

Title: External Manager Credential: N/A.

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

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

N/A.

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

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

CN: N/A.

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

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

Title: N/A. Credential: N/A.

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

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. See attachment 2.

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: Saraf, Abhijeet

Title: Water/Wastewater EIT Credential: N/A

Organization Name: HDR Engineering, Inc.

Mailing Address: 1917 S 67th Street City, State, Zip Code: Omaha, NE, 68106

Phone No.: (402) 392-6986 E-mail Address: Abhijeet.Saraf@hdrinc.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix: Mr Last Name, First Name: Corbin, Ian

Title: Project Manager Credential: PE

Organization Name: HDR Engineering, Inc.

Mailing Address: 5815 Council Street NE, Suite B City, State, Zip Code: Cedar Rapids, IA, 52402

Phone No.: (319) 423-6335 E-mail Address: Ian.Corbin@hdrinc.com

Check one or both: ☒ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

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

A. Prefix: Mr Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: (212) 999-5800 E-mail Address: homeboundllctx@gmail.com

B. Prefix: Mr Last Name, First Name: Saraf, Abhijeet

Title: Water/Wastewater EIT Credential: N/A.

Organization Name: HDR Engineering, Inc.

Mailing Address: 1917 S 67th Street City, State, Zip Code: Omaha, NE, 68106

Phone No.: (402) 392-6986 E-mail Address: Abhijeet.Saraf@hdrinc.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: (212) 999-5800 E-mail Address: homeboundllctx@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: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: (212) 999-5800 E-mail Address: homeboundllctx@gmail.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: (212) 999-5800 E-mail Address: homeboundllctx@gmail.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: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: (212) 999-5800 E-mail Address: homeboundllctx@gmail.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: Haskell County Library

Location within the building: Office of the Director

Physical Address of Building: 300 N. Avenue E

City: Haskell County: Haskell

Contact (Last Name, First Name): Solano, Ross

Phone No.: (940) 864-2747 Ext.: N/A

E. Bilingual Notice Requirements

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

F. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: See attachment 3.

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: See attachment 4.

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** N/A - New Entity.

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):

Homebound Group WWTP.

C. Owner of treatment facility: Homebound Group LLC

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

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

Prefix: Mr Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: (212) 999-5800 E-mail Address: homeboundllctx@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: Mr Last Name, First Name: Montfort, Michael

Title: External Manager Credential: N/A

Organization Name: Homebound Group LLC

Mailing Address: 1301 6th Ave #40 City, State, Zip Code: New York, NY 10019

Phone No.: (212) 999-5800 E-mail Address: homeboundllctx@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: N/A Last Name, First Name: N/A

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: N/A E-mail Address: N/A

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

Attachment: N/A

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☐ No

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

N/A.

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:

N/A.

City nearest the outfall(s): Click to enter text.

County in which the outfalls(s) is/are located: Click to enter text.

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

☐ Yes ☐ No

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

☐ Authorization granted ☐ Authorization pending

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

Attachment: N/A.

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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

☐ Yes ☐ No

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

This is a new permit application. The wastewater will be treated by a Packaged Biological Treatment System and the treated effluent will be discharged to an Evaporation Pond located within the project boundary.

B. City nearest the disposal site: City of Stamford, Texas

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

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

A Final Effluent Pump Station will collect effluent from the Packaged Biological Treatment System and discharge it to the Evaporation Pond through a 100ft Force Main piping.

E. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: The Evaporation Pond is designed to contain all precipitation falling on it. However, the nearest watercourse is land drainage to the California Creek located just north of the project site.

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.

Septage Hauler to remove the biosolids on a weekly basis Off-Site to the City of Stamford's Wastewater Treatment Plant by a registered hauler.

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

☐ Yes ☒ No

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

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: N/A.

Amount past due: N/A.

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

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

Enforcement order number: N/A.

Amount past due: N/A.

Section 13. Attachments (Instructions Page 33)

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

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

☒ See attachment 5. 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.

Attachment 1: TCEQ ePay Receipt (Trace Number: 582EA000690537)
Attachment 2: Core Data Form (Domestic Administrative Report – Page 4)
Attachment 3: Summary of Application in Plain Language Form (Domestic Administrative Report – Page 7)
Attachment 4: Public Involvement Plan Form (Domestic Administrative Report – Page 7)
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Attachment 18: Evaporation Pond Calculations (Worksheet 3.1 Surface Land Disposal of Effluent – Page 37)

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: N/A

Applicant: Homebound Group 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): Mr Michael Montfort

Signatory title: External Manager

Signature: Michael Montfort Date: Oct. 21, 2025

(Use blue ink)

Subscribed and Sworn to before me by the said Michael Montfort

on this 21st day of October, 20 25.

My commission expires on the 14th day of October, 20 28.

Notary Public

[SEAL]

PAMELA G. PARKER NOTARY PUBLIC DISTRICT OF COLUMBIA

P&P WASHINGTON

~~County, Texas~~ DISTRICT OF COLUMBIA P&P

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:

☒ See attachment 6. 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. ☒ See attachment 7. 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. ☒ See attachment 7. Indicate by a check mark that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

D. Provide the source of the landowners' names and mailing addresses: Haskell County Appraisal District - https://www.haskellcad.org/.

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

☐ Yes ☒ No

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

N/A.

Section 2. Original Photographs (Instructions Page 38)

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

☒ At least one original photograph of the new or expanded treatment unit location

☐ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.

☒ At least one photograph of the existing/proposed effluent disposal site

☒ See attachment 8. 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

☒ See attachment 9 for Buffer Zone Map. See Attachment 10 with TCEQ correspondence concerning nuisance odor prevention at Evaporation Ponds. 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: N/A.

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Waste Permit No:** Click to enter text.

1. Check or Money Order Number: ePay Trace Number: 582EA000690537.
2. Check or Money Order Amount: N/A.
3. Date of Check or Money Order: N/A.
4. Name on Check or Money Order: N/A.
5. APPLICATION INFORMATION

   Name of Project or Site: Homebound Group WWTP.

   Physical Address of Project or Site: A-231 H&TC RR. CO. SUR#1 – BLOCK 3 TRACT 1. The project is located along the intersection of Loop Road and Bean Road, approximately 3 miles south-east of Lake Stamford.

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

Prefix (Mr., Ms., Miss): N/A.

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

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

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

Electronic Application Submittal ☒ Yes
(See application submittal requirements on page 23 of the instructions.)

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)

Summary of Application (in Plain Language) ☒ 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 42)

A. Existing/Interim I Phase

Design Flow (MGD): N/A

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): N/A

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): 0.0370

2-Hr Peak Flow (MGD): 0.0555

Estimated construction start date: October 2026

Estimated waste disposal start date: April 2027

D. Current Operating Phase

Provide the startup date of the facility: N/A

Section 2. Treatment Process (Instructions Page 42)

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.**

The project involves construction of a new data center facility and the associated wastewater treatment system. The facility will consist of five (5) Data Center units and two (2) HUB units. The domestic wastewater from the restrooms in these units and from the operations building at the facility will be collected in lift stations located adjacent to these structures and then pumped to a packaged biological treatment system for secondary treatment. The packaged system will consist of influent screens, an equalization basin, an aeration zone, a clarification zone with Return Activated Sludge (RAS) return and a sludge holding zone and followed by a tertiary sand filter. The treated effluent will be chlorinated and discharged to an on-site HDPE lined evaporation pond using a force main pipe and the collected biological solids from the packaged system will be removed by a septage hauler. A secondary holding tank will be provided to hold the wastewater contents for 5 days in contingency conditions when the packaged system in non-functional/undergoing repair. A wastewater collection system and the wastewater treatment will be constructed at one time. No discharge to any water body is planned.

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)
Influent Lift Stations	5	6ft DIA x 30 ft D
Packaged Biological Treatment Systemg	1	100ft L x 16ft W x 14ft D
Evaporation Pond (Equalization Zone, Aeration Zone, clarification zone, sludge holding zone, tertiary filter, chlorine contact tank)	1	1050ft L x 575ft W x 10ft D (Area @ Top of Berm – 13.9Ac)
Secondary Holding Tank	1	40ft DIA x 20 ft D

C. Process Flow Diagram

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

Attachment: See attachment 11.

Section 3. Site Information and Drawing (Instructions Page 43)

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

- Latitude: N/A
- Longitude: N/A

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

- Latitude: 32° 59' 11.06" N
- Longitude: 99° 34' 41.05" 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: See attachment 12.
Provide the name **and** a description of the area served by the treatment facility.

The Wastewater Treatment system will be designed to serve domestic wastewater from the 5 Data Centers, 2 HUBs, a Wastewater Operations Building and a Water Operations Building at the project site.

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

Collection System Information

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

Section 4. Unbuilt Phases (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A.

Section 5. Closure Plans (Instructions Page 44)

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A.

Section 6. Permit Specific Requirements (Instructions Page 44)

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

A. Summary transmittal

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

☐ Yes ☒ No

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

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

N/A.

B. Buffer zones

Have the buffer zone requirements been met?

☐ Yes ☐ No

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

N/A.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

N/A.

D. Grit and grease treatment

1. *Acceptance of grit and grease waste*

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

☐ Yes ☒ No

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

2. *Grit and grease processing*

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

N/A.

3. *Grit disposal*

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

N/A.

4. *Grease and decanted liquid disposal*

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335.

Describe how the decant and grease are treated and disposed of after grit separation.

N/A.

E. Stormwater management

1. *Applicability*

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. *MSGP coverage*

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

☐ Yes ☐ No

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

TXR05 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:

N/A.

4. ***Existing coverage in individual permit***

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

☐ Yes ☐ No

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

N/A.

5. ***Zero stormwater discharge***

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

☐ Yes ☐ No

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

N/A.

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

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

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

☐ Yes ☐ No

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

N/A.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions.
N/A.

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

1. *Acceptance of sludge from other WWTPs*

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A.

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

2. *Acceptance of septic waste*

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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.

N/A.

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

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

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

☐ Yes ☒ No

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

N/A.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 49)

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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

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 49)

Facility Operator Name: TBD.

Facility Operator's License Classification and Level: TBD.

Facility Operator's License Number: TBD.

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 50)

A. WWTP's Sewage Sludge or 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 Sewage Sludge or 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: N/A.

C. Sewage Sludge or Biosolids Management

Provide information on the *intended* sewage sludge or biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all sewage sludge or 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
Removal by septage hauler	Off-site Third-Party Handler or Preparer	Bulk	~0.05 metric tons/day	N/A: Removal by septage hauler	N/A: Removal by septage hauler

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Septage Hauler to remove the biosolids on a weekly basis to the City of Stamford's Wastewater Treatment Plant by a registered hauler, to be determined.

D. Disposal site

Disposal site name: City of Stamford Wastewater Treatment Plant

TCEQ permit or registration number: TBD

County where disposal site is located: Haskell

E. Transportation method

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

Name of the hauler: TBD

Hauler registration number: TBD

Sludge is transported as a:

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

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 52)

A. Beneficial use authorization

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

☐ Yes ☒ No

If yes, are you requesting to continue this authorization to land apply biosolids 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 Biosolids	☐ 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:

N/A.

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: 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.

N/A.

D. Site development plan

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

N/A.

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)

  Attachment: 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 54)

A. Additional authorizations

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

☐ Yes ☒ No

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

N/A.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A.

Section 14. Laboratory Accreditation (Instructions Page 55)

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: Mr. Michael Montfort

Title: External Manager

Signature: Michael Montfort

Date: Oct. 21, 2025

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 56)

A. Justification of permit need

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

The new Wastewater Treatment Plant will be designed to provide the treatment for domestic waste from the Data Center site and capable of treating 37,000 GPD of wastewater flows. The anticipated start of construction is October 2026.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☒ No ☐ Not Applicable

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

If yes, attach correspondence from the city.

Attachment: N/A.

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

Attachment: N/A.

2. *Utility CCN areas*

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

☐ Yes ☒ No

[1] https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater

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

Attachment: N/A.

3. ***Nearby WWTPs or collection systems***

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

☐ 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: N/A.

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: N/A.

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

Attachment: N/A.

Section 2. Proposed Organic Loading (Instructions Page 58)

Is this facility in operation?

☐ Yes ☒ No

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

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

A. Current organic loading

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

Average Influent Organic Strength or BOD_5 Concentration in mg/l: N/A.

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34): N/A.

Provide the source of the average organic strength or BOD_5 concentration.

N/A.

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other	Data Center – 0.0370 MGD	133 – 400 mg/L. (Per Table 3-18 titled "Typical composition of untreated domestic wastewater" in MetCalf & Eddy, 5th Edition (2014))
TOTAL FLOW from all sources	0.0370 MGD	
AVERAGE BOD_5 from all sources		133 – 400 mg/L. (Per Table 3-18 titled "Typical composition of untreated domestic wastewater" in MetCalf & Eddy, 5th Edition (2014))

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 58)

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: 20

Total Suspended Solids, mg/l: 20

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.

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: mg/l after 30 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: N/A

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: See attachment 13.

Section 5. Facility Site (Instructions Page 59)

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 Flood Map Service Center. https://map1.msc.fema.gov/firm?id=4808510300B

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

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

B. Wind rose

Attach a wind rose: See attachment 14.

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 59)

A. Beneficial use authorization

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

☐ Yes ☒ No

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

B. Sludge processing authorization

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 60)

Attach a solids management plan to the application.

Attachment: See attachment 15. Septage Hauler to remove the biosolids on a weekly basis to the City of Stamford's Wastewater Treatment Plant by a registered hauler, to be determined.

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 63)

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

☐ Yes ☐ No

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

Owner of the drinking water supply: N/A.

Distance and direction to the intake: Click to enter text.

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

Attachment: Click to enter text.

Section 2. Discharge into Tidally Affected Waters (Instructions Page 63)

Does the facility discharge into tidally affected waters?

☐ Yes ☐ No

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

A. Receiving water outfall

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

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

N/A.

C. Sea grasses

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

☐ Yes ☐ No

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

N/A.

Section 3. Classified Segments (Instructions Page 63)

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

☐ Yes ☐ No

If yes, this Worksheet is complete.

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

Section 4. Description of Immediate Receiving Waters (Instructions Page 63)

Name of the immediate receiving waters: N/A.

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

Average depth of the entire water body, in feet: Click to enter text.

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

☐ Intermittent - dry for at least one week during most years

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

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☐ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

N/A.

D. Downstream characteristics

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

☐ Yes ☐ No

If yes, discuss how.

N/A.

E. Normal dry weather characteristics

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

N/A.

Date and time of observation: Click to enter text.

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

Section 5. General Characteristics of the Waterbody (Instructions Page 65)

A. Upstream influences

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

☐ Oil field activities
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☐ Agricultural runoff
☐ Other(s), specify: Click to enter text.

B. Waterbody uses

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

- ☐ Livestock watering
- ☐ Irrigation withdrawal
- ☐ Fishing
- ☐ Domestic water supply
- ☐ Park activities
- ☐ Contact recreation
- ☐ Non-contact recreation
- ☐ Navigation
- ☐ Industrial water supply
- ☐ Other(s), specify: Click to enter text.

C. Waterbody aesthetics

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 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 65)

Date of study: N/A. Time of study: N/A.

Stream name: N/A.

Location: N/A.

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: Click to enter text.

Number of stream bends that are moderately defined: Click to enter text.

Number of stream bends that are poorly defined: Click to enter text.

Number of riffles: Click to enter text.

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

N/A.

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	**Transect location**	**Water surface width (ft)**	**Stream depths (ft)** at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
N/A.			
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.			

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: N/A.

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): Click to enter text.

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: Click to enter text.

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: Click to enter text.

Average stream velocity, in feet/second: Click to enter text.

Instantaneous stream flow, in cubic feet/second: Click to enter text.

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): Click to enter text.

Size of pools (large, small, moderate, none): Click to enter text.

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 67)

Identify the method of land disposal:

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

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

For existing authorizations, provide Registration Number: N/A.

Section 2. Land Application Site(s) (Instructions Page 67)

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
N/A.			

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 67)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
1	13.9	~140 acre-feet	1050ft L x 575 ft W x 10ft D	60-MIL HDPE Primary and Secondary Dual Liner System

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: To be provided at a later stage.

Section 4. Flood and Runoff Protection (Instructions Page 67)

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.

N/A.

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

FEMA Flood Map Service Center. https://map1.msc.fema.gov/firm?id=4808510300B

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

The Evaporation Pond will be equipped with a dual 60-MIL HDPE Liner system along with a leak detection system to minimize the risk of infiltration of effluent into the groundwater. The Earthwork grading and the elevated berms at the Evaporation Pond will be designed to contain all precipitation falling into the Evaporation Pond and prevent any run-offs and evaporate all precipitation falling within its surface area.

Section 5. Annual Cropping Plan (Instructions Page 67)

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**: N/A.

- 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 68)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: See Buffer Zone Map attachment X with the Administrative Report.

- 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
682935	Monitoring	N	Cased/Indeterminate	Will be Plugged and Abandoned.

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

Attachment: See attachment 16 for well logs for the existing wells.

Section 7. Groundwater Quality (Instructions Page 68)

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: The Evaporation Pond will be provided with a 60-Mil HDPE dual-liner system along with leak detection within the lagoons.

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: N/A.

Section 8. Soil Map and Soil Analyses (Instructions Page 69)

A. Soil map

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

Attachment: See attachment 17.

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: The Evaporation Pond will be provided with a 60-Mil HDPE dual-liner system along with leak detection within the lagoons. This provision will eliminate any contact between the liquid in the evaporation lagoons and the groundwater.

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
N/A.				

Section 9. Effluent Monitoring Data (Instructions Page 70)

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

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

N/A.

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 71)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: N/A.

Design application frequency:

hours/day Click to enter text. **And** days/week Click to enter text.

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

Design application rate in acre-feet/acre/year: Click to enter text.

Design total nitrogen loading rate, in lbs N/acre/year: Click to enter text.

Soil conductivity (mmhos/cm): Click to enter text.

Method of application: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: 37,000.

Attach a separate engineering report with the water balance and storage volume calculations.

Attachment: See attachment 18.

C. Evapotranspiration beds

Number of beds: N/A.

Area of bed(s), in acres: Click to enter text.

Depth of bed(s), in feet: Click to enter text.

Void ratio of soil in the beds: Click to enter text.

Storage volume within the beds, in acre-feet: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

Attachment: Click to enter text.

D. Overland flow

Area used for application, in acres: N/A.

Slopes for application area, percent (%): Click to enter text.

Design application rate, in gpm/foot of slope width: Click to enter text.

Slope length, in feet: Click to enter text.

Design BOD_5 loading rate, in lbs BOD_5/acre/day: Click to enter text.

Design application frequency:

hours/day: Click to enter text. **And** days/week: Click to enter text.

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 72)

Is the facility subject to *30 TAC Chapter 213*, Edwards Aquifer Rules?

☐ Yes ☒ No

If **yes**, is the facility located on the Edwards Aquifer Recharge Zone?

☐ Yes ☐ No

If yes, attach a geological report addressing potential recharge features.

Attachment: N/A.

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 73)

Identify the type of system:

- ☐ Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD)
- ☐ Low Pressure Dosing
- ☐ Other, specify: N/A.

Application area, in acres: N/A.

Area of drainfield, in square feet: Click to enter text.

Application rate, in gal/square foot/day: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

Area of trench, in square feet: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Number of beds: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Infiltration rate, in inches/hour: Click to enter text.

Storage volume, in gallons: Click to enter text.

Area of bed(s), in square feet: Click to enter text.

Soil Classification: Click to enter text.

Attach a separate engineering report with the information required in *30 TAC § 309.20,* excluding the requirements of *§* 309.20 b(3)(A) and (B) design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

☐ Yes ☒ No

Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ?

☐ Yes ☐ No

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 74)

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. N/A. 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.

N/A.

C. Owner of the subsurface area drip dispersal system: N/A.

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.

N/A.

E. Owner of the land where the subsurface area drip dispersal system is located: N/A.

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.

N/A.

Section 2. Subsurface Area Drip Dispersal System (Instructions Page

74)

A. Type of system

☐ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: N/A.

B. Irrigation operations

Application area, in acres: N/A.

Infiltration Rate, in inches/hour: Click to enter text.

Average slope of the application area, percent (%): Click to enter text.

Maximum slope of the application area, percent (%): Click to enter text.

Storage volume, in gallons: Click to enter text.

Major soil series: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

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: N/A.

Nitrogen application rate, in lbs/gal/day: N/A.

D. Dosing information

Number of doses per day: N/A.

Dosing duration per area, in hours: Click to enter text.

Rest period between doses, in hours: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Number of zones: Click to enter text.

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: N/A.

Section 3. Required Plans (Instructions Page 74)

A. Recharge feature plan

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

Attachment: N/A.

B. Soil evaluation

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

Attachment: N/A.

C. Site preparation plan

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

Attachment: N/A.

D. Soil sampling/testing

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

Attachment: N/A.

Section 4. Floodway Designation (Instructions Page 75)

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: N/A.

Section 5. Surface Waters in the State (Instructions Page 75)

A. Buffer Map

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

Attachment: N/A.

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: N/A.

Section 6. Edwards Aquifer (Instructions Page 75)

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 76)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: N/A.

Table 4.0(1) – Toxics Analysis

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile				50
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform				10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Chlorodibromomethane				10
Chloroform				10
Chlorpyrifos				0.05
Chromium (Total)				3
Chromium (Tri) **(*1)**				N/A
Chromium (Hex)				3
Copper				2
Chrysene				5
p-Chloro-m-Cresol				10
4,6-Dinitro-o-Cresol				50
p-Cresol				10
Cyanide **(*2)**				10
4,4'- DDD				0.1
4,4'- DDE				0.1
4,4'- DDT				0.02
2,4-D				0.7
Demeton (O and S)				0.20
Diazinon				0.5/0.1
1,2-Dibromoethane				10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
Dichloromethane				20
1,2-Dichloropropane				10
1,3-Dichloropropene				10
Dicofol				1
Dieldrin				0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10
Diuron				0.09

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Endosulfan I (alpha)				0.01
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Epichlorohydrin				---
Ethylbenzene				10
Ethylene Glycol				---
Fluoride				500
Guthion				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)				0.05
Hexachlorocyclohexane (beta)				0.05
gamma-Hexachlorocyclohexane (Lindane)				0.05
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Hexachlorophene				10
4,4'-Isopropylidenediphenol				1
Lead				0.5
Malathion				0.1
Mercury				0.005
Methoxychlor				2
Methyl Ethyl Ketone				50
Methyl tert-butyl ether				---
Mirex				0.02
Nickel				2
Nitrate-Nitrogen				100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine				20

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Nonylphenol				333
Parathion (ethyl)				0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10
Polychlorinated Biphenyls (PCB's) **(*3)**				0.2
Pyridine				20
Selenium				5
Silver				0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Thallium				0.5
Toluene				10
Toxaphene				0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)				0.01
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
2,4,5-Trichlorophenol				50
TTHM (Total Trihalomethanes)				10
Vinyl Chloride				10
Zinc				5

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

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

(*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: N/A.

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

A. Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.

☐ 2,4,5-trichlorophenoxy acetic acid

Common Name 2,4,5-T, CASRN 93-76-5

☐ 2-(2,4,5-trichlorophenoxy) propanoic acid

Common Name Silvex or 2,4,5-TP, CASRN 93-72-1

☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate

Common Name Erbon, CASRN 136-25-4

☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate

Common Name Ronnel, CASRN 299-84-3

☐ 2,4,5-trichlorophenol

Common Name TCP, CASRN 95-95-4

☐ hexachlorophene

Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

N/A.

B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?

☐ Yes ☐ No

If **yes**, provide a brief description of the conditions for its presence.

N/A.

C. If any of the compounds in Subsection A **or** B are present, complete Table 4.0(2)F.

For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab ☐ Composite ☐

Date and time sample(s) collected: N/A.

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

The following **is required** for facilities with a current operating design flow of **1.0 MGD or greater**, with an EPA-approved **pretreatment** program (or those required to have one under 40 CFR Part 403), or are required to perform Whole Effluent Toxicity testing. See Page 86 of the instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

7-day Chronic: N/A.

48-hour Acute: N/A.

Section 2. Toxicity Reduction Evaluations (TREs)

Has this facility completed a TRE in the past four and a half years? Or is the facility currently performing a TRE?

☐ Yes ☐ No

If yes, describe the progress to date, if applicable, in identifying and confirming the toxicant.

N/A.

Section 3. Summary of WET Tests

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Table 5.0(1) Summary of WET Tests

Test Date	Test Species	NOEC Survival	NOEC Sub-lethal
N/A.			

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 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: N/A.

Average Daily Flows, in MGD: N/A.

Significant IUs – non-categorical:

Number of IUs: N/A.

Average Daily Flows, in MGD: N/A.

Other IUs:

Number of IUs: N/A.

Average Daily Flows, in MGD: N/A.

B. Treatment plant interference

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

☐ Yes ☐ No

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

N/A.

C. Treatment plant pass through

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

☐ Yes ☐ No

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

N/A.

D. Pretreatment program

Does your POTW have an approved pretreatment program?

☐ Yes ☒ No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

☐ Yes ☒ No

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

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

Section 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 87)

A. Substantial modifications

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

☐ Yes ☐ No

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

N/A.

B. Non-substantial modifications

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

☐ Yes ☐ No

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

N/A.

C. Effluent parameters above the MAL

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

Table 6.0(1) – Parameters Above the MAL

Pollutant	Concentration	MAL	Units	Date

D. Industrial user interruptions

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

☐ Yes ☐ No

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

N/A.

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 88)

A. General information

Company Name: Click to enter text.

SIC Code: Click to enter text.

Contact name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Telephone number: Click to enter text.

Email address: Click to enter text.

B. Process information

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

N/A.

C. Product and service information

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

N/A.

D. Flow rate information

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

Process Wastewater:

Discharge, in gallons/day: N/A.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: N/A.

Discharge Type: ☐ Continuous ☐ Batch ☐ Intermittent

E. Pretreatment standards

Is the SIU or CIU subject to technically based local limits as defined in the *i*nstructions?

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Category: Subcategories: Click to enter text.

Click or tap here to enter text. Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

Category: Click to enter text.

Subcategories: Click to enter text.

F. Industrial user interruptions

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

☐ Yes ☐ No

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

N/A.

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 90)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): N/A.

Program ID: Click to enter text.

Contact Name: Click to enter text.

Phone Number: Click to enter text.

2. Agent/Consultant Contact Information

Contact Name: N/A.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

3. Owner/Operator Contact Information

☐ Owner ☐ Operator

Owner/Operator Name: N/A.

Contact Name: Click to enter text.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

4. Facility Contact Information

Facility Name: N/A.

Address: Click to enter text.

City, State, and Zip Code: Click to enter text.

Location description (if no address is available): Click to enter text.

Facility Contact Person: Click to enter text.

Phone Number: Click to enter text.

5. **Latitude and Longitude, in degrees-minutes-seconds**

Latitude: N/A.

Longitude: N/A.

Method of determination (GPS, TOPO, etc.): Click to enter text.

Attach topographic quadrangle map as attachment A.

6. **Well Information**

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☐ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☐ Other, Specify: Click to enter text.

Number of Injection Wells: Click to enter text.

7. **Purpose**

Detailed Description regarding purpose of Injection System:

N/A.

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. **Water Well Driller/Installer**

Water Well Driller/Installer Name: N/A.

City, State, and Zip Code: Click to enter text.

Phone Number: Click to enter text.

License Number: Click to enter text.

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) – Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing					
Tubing					
Screen					

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

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: N/A.

System(s) Construction: N/A.

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: N/A.
2. Receiving Formation Name of Injection Zone: Click to enter text.
3. Well/Trench Total Depth: Click to enter text.
4. Surface Elevation: Click to enter text.
5. Depth to Ground Water: Click to enter text.
6. Injection Zone Depth: Click to enter text.
7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No

   Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

   Name: Click to enter text.

   Thickness: Click to enter text.
8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

   Attach as Attachment E.
9. Horizontal and Vertical extent of contamination and injection plume

   Attach as Attachment F.
10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.

    Attach as Attachment G.
11. Injection Fluid Chemistry in PPM at point of injection

    Attach as Attachment H.
12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: Click to enter text.
13. Maximum injection Rate/Volume/Pressure: Click to enter text.
14. Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.
15. Injection wells within 1/4 mile radius (attach map as Attachment J): Click to enter text.
16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.
17. Sampling frequency: Click to enter text.
18. Known hazardous components in injection fluid: Click to enter text.

Section 5. Site History

1. Type of Facility: N/A.
2. Contamination Dates: Click to enter text.
3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): Click to enter text.
4. Previous Remediation (attach results of any previous remediation as attachment M): Click to enter text.

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
5D02 Storm Water Drainage (IW designed for the disposal of rain water)
5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
5F01 Agricultural Drainage (IW that receive agricultural runoff)
5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
5W09 Untreated Sewage
5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
5W12 WTTP disposal
5W20 Industrial Process Waste Disposal Wells
5W31 Septic System (Well Disposal method)
5W32 Septic System Drainfield Disposal
5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
5X26 Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
5X27 Other Wells
5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site - These are currently banned)
5X29 Abandoned Drinking Water Wells (waste disposal)

ATTACHMENTS TO
DOMESTIC ADMINISTRATIVE REPORT AND
DOMESTIC TECHNICAL REPORT

ATTACHMENT 1
TCEQ ePAY RECEIPT
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 2

Saraf, Abhijeet

From: steers@tceq.texas.gov
Sent: Tuesday, October 21, 2025 10:01 AM
To: Saraf, Abhijeet
Subject: TCEQ ePay Receipt for 582EA000690537

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

This is an automated message from the TCEQ ePay system. Please do not reply.
Trace Number: 582EA000690537
Date: 10/21/2025 10:00 AM
Payment Method: CC - Authorization 0000839487 TCEQ Amount: $350.00 Texas.gov Fee: $8.13 Texas.gov Price: $358.13*

* 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.

Actor: ABHIJEET SARAF
Email: abhijeet.saraf@hdrinc.com

Payment Contact: ABHIJEET SARAF
Phone: 402-392-6986
Company: HDR ENGINEERING INC
Address: 1917 S 67TH STREET, OMAHA, NE 68106

Fees Paid:
Fee Description AR Number Amount
WW PERMIT - FACILITY WITH FLOW < .05 MGD - NEW AND MAJOR AMENDMENTS $300.00
30 TAC 305.53B WQ NOTIFICATION FEE $50.00

TCEQ Amount: $350.00

==========
Voucher: 789201
Trace Number: 582EA000690537
Date: 10/21/2025 10:00 AM
Payment Method: CC - Authorization 0000839487 Voucher Amount: $300.00 Fee Paid: WW PERMIT - FACILITY WITH FLOW < .05 MGD - NEW AND MAJOR AMENDMENTS Site Name: HOMEBOUND GROUP WWTP Site Location: ALONG INTERSECTION OF LOOP RD AND BEAN RD APPROX 3 MILES SE OF LAKE STAMFORD Customer Name: HOMEBOUND GROUP LLC Customer Address: 1301 6TH AVE 40, NEW YORK, NY 10019

Voucher: 789202
Trace Number: 582EA000690537
Date: 10/21/2025 10:00 AM
Payment Method: CC - Authorization 0000839487 Voucher Amount: $50.00 Fee Paid: 30 TAC 305.53B WQ NOTIFICATION FEE

==========

To print out a copy of the receipt and vouchers for this transaction either click on or copy and paste the following url into your browser:
https://nam12.safelinks.protection.outlook.com/?url=https%3A%2F%2Fwww3.tceq.texas.gov%2Fepay%2Findex.cfm%3Ffuseaction%3Dcor.search%26trace_num_txt%3D582EA000690537&data=05%7C02%7Cabhijeet.saraf%40hdrinc.com%7C0b691ed4196748b4338a08de10b29f06%7C3667e201cbdc48b39b425d2d3f16e2a9%7C0%7C0%7C638966556548667431%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAuMDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=jn35bh2uiuVcRNTMXB6koBRqFdnEUWOT6cNqoF%2BbacQ%3D&reserved=0.

This e-mail transmission and any attachments are believed to have been sent free of any virus or other defect that might affect any computer system into which it is received and opened. It is, however, the recipient's responsibility to ensure that the e-mail transmission and any attachments are virus free, and the sender accepts no responsibility for any damage that may in any way arise from their use.

ATTACHMENT 2
CORE DATA FORM
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 4

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 606418077		**RN N/A.**

SECTION II: Customer Information

4. General Customer Information	**5. Effective Date for Customer Information Updates** (mm/dd/yyyy)	10/7/2025

☒ 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:*

Homebound Group 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)*
805869228	32098447892	99-5141510	N/A.

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:	1301 6th Ave #40						
	City	New York	**State**	NY	**ZIP**	10019	**ZIP + 4**

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

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(212) 999-5800		( ) -

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.)*

Homebound Group WWTP

23. Street Address of the Regulated Entity: ***(No PO Boxes)***							
	City		**State**		**ZIP**		**ZIP + 4**
24. County							

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

25. Description to Physical Location:	A-231 H&TC RR. CO. SUR #1 - BLOCK 3 TRACT 1. The project is located along the intersection of Loop Road and Bean Road, approximately 3 miles South-East of Lake Stamford.

26. Nearest City	State	Nearest ZIP Code
Stamford	TX	79533

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:			28. Longitude (W) In Decimal:		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
32	59	11.06	99	34	41.05

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)
7374		518210	

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

This entity will serve as a data center.

34. Mailing Address:	**1301 6th Ave #40**						
	City	**New York**	**State**	**NY**	**ZIP**	**10019**	**ZIP + 4**
35. E-Mail Address:	**homeboundllctx@gmail.com**						

36. Telephone Number	37. Extension or Code	38. Fax Number *(if applicable)*
(212) 999-5800		**(0) -**

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:

SECTION IV: Preparer Information

40. Name:	Abhijeet Saraf	**41. Title:**	Water/Wastewater EIT
42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(402) 392-6986		( ) -	Abhijeet.Saraf@hdrinc.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:	Homebound Group LLC	**Job Title:**	External Manager
Name *(In Print):*	Mr Michael Montfort	**Phone:**	(212) 999- 5800
Signature:	Michael Montfort	**Date:**	Oct. 21, 2025

ATTACHMENT 3
SUMMARY OF APPLICATION IN PLAIN LANGUAGE FORM
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 7

TLAP NEW APPLICATION
DOMESTIC WASTEWATER

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.

Homebound Group (CN606418077) proposes to operate a new wastewater treatment system at their new data center facility at the Haskell project site, which will be located approximately 2.7 miles southwest of the intersection of Red Creek Road and U.S. Highway 380 in Haskell County, TX. (ZIP #79533).

This application is for the new wastewater treatment system at the facility that will treat nearly 37,000 gallons/day of domestic wastewater.

Treated effluent from the facility is expected to contain concentrations of five-day carbonaceous biochemical demand ($CBOD_5$) and total suspended solids (TSS) lower than the effluent limitations provided in 30 TAC §309.1(b). Wastewater will be collected by Lift Stations located adjacent to the Data Centers and the Operations Buildings and will be pumped to a Packaged Biological Treatment System for treatment. The packaged biological treatment system will consist of an influent screen, flow equalization basin, aeration zone and a final clarifier with Return Activated Sludge (RAS) return and a sludge storage zone followed by tertiary sand filtration and chlorination. Septage Hauler to remove the biosolids on a weekly basis to the City of Stamford's Wastewater Treatment Plant by a registered hauler. The treated effluent will be collected in a final effluent pump station and pumped to an on-site HDPE Lined evaporation pond.

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

SOLICITUDES NUEVAS DE TLAP
AQUAS RESIDUALES DOMESTICAS

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.

Homebound Group (CN606418077) propone operar un nuevo sistema de tratamiento de aguas residuales en su nueva instalación de centro de datos en el sitio del proyecto Haskell, que estará ubicado aproximadamente 2.7 millas al suroeste de la intersección de la calle Red Creek y la autopista U.S. Highway 380 en el Condado de Haskell, Texas (código postal 79533).

Esta solicitud corresponde al nuevo sistema de tratamiento de aguas residuales en la instalación, el cual tratará aproximadamente 37,000 galones por día de aguas residuales domésticas.

Se espera que el efluente tratado de la instalación contenga concentraciones de demanda bioquímica de oxígeno carbonosa de cinco días ($CBOD_5$) y sólidos suspendidos totales (TSS) bajo los límites de efluentes establecidos en 30 TAC §309.1(b).

Las aguas residuales serán recolectadas mediante estaciones de bombeo ubicadas al lado de los centros de datos y los edificios de operaciones, y serán bombeadas a un sistema de tratamiento biológico empaquetado para su tratamiento.

El sistema de tratamiento biológico empaquetado consistirá de una rejilla de afluente, un tanque de igualación de flujo, una zona de aireación, y un clarificador final con retorno de lodos activados (RAS) y una zona de almacenamiento de lodos, seguido por filtración terciaria con arena y cloración.

Un transportista autorizado retirará los biosólidos semanalmente hacia la Planta de Tratamiento de Aguas Residuales de la Ciudad de Stamford.

El efluente tratado será recolectado en una estación de bombeo final y bombeado a un estanque de evaporación revestida con HDPE ubicada en el sitio.

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

ATTACHMENT 4
PUBLIC INVOLVEMENT PLAN FORM
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 7

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

☒ New Permit or Registration Application

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

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

Section 2. Secondary Screening

☒ Requires public notice,

☐ Considered to have significant public interest, **and**

☐ Located within any of the following geographical locations:

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

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

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

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

☒ Texas Land Application Permit (TLAP)

☐ State Only Concentrated Animal Feeding Operation (CAFO)

☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

The Homebound Group, LLC proposes to operate a wastewater treatment plant. The facility will be located approximately 20 miles east of Haskell, TX and near the intersection of Red Creek Rd & Loop Rd, in Haskell, Haskell County, Texas 79521.

The plant is sized to serve industrial & potable wastewater. The total average daily flow is projected to be ultimately 31,000 GPD.

Discharges from the facility are expected to contain five-day biological oxygen demand (BOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N), phosphorus (P), and dissolved oxygen (DO). The domestic wastewater will be treated by a conventional activated sludge process plant and the treatment units include a manual bar screen, aeration basins, clarifiers, chlorine contact basins, and sludge digesters.

Section 5. Community and Demographic Information

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

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

Haskell

(City)

Haskell County

(County)

Haskell County, Texas United States Census Tract #48207950300

(Census Tract)

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

☐ City ☐ County ☒ Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

83.3%

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

$30,665

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

Minority 28.65%: American Indian 0.8%, Asian 0.4%, Black or African American 3.55%, Hispanic or Latino 23.8%, Other 0.086% I Remaining: White 71.35%

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

20.5% (Language Other Than English Spoken at Home in Haskell County, Texas)

(e) Languages commonly spoken in area by percentage

English: 79.5%
Spanish: 19.2%

(f) Community and/or Stakeholder Groups

Unknown

(g) Historic public interest or involvement

Unknown

Section 6. Planned Public Outreach Activities

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If Yes, please describe.

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

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

☐ Yes ☐ No

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

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

☑ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ TCEQ Regional Office ☐ TCEQ Central Office

☑ Public Place (specify) Haskell County Library

Section 7. Voluntary Submittal

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

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

☐ Yes ☐ No

What types of notice will be provided?

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

ATTACHMENT 5

FULL-SIZE USGS TOPOGRAPHIC MAP

REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 10

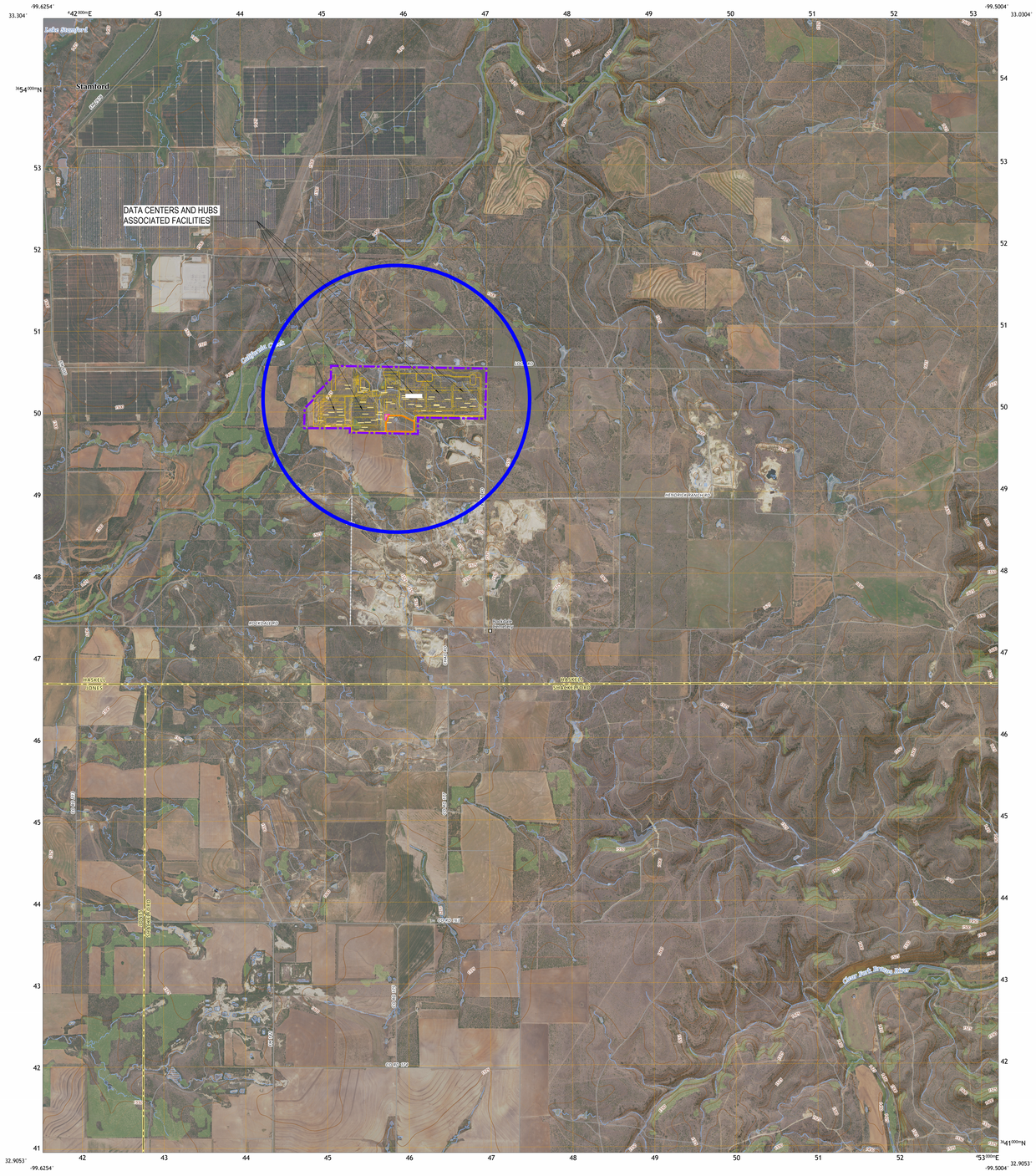
LEGEND

- APPLICANT PROPERTY BOUNDARY
- 1 MILE RADIUS FROM FACILITY
- TREATMENT FACILITY BOUNDARY
- EVAPORATION POND BOUNDARY

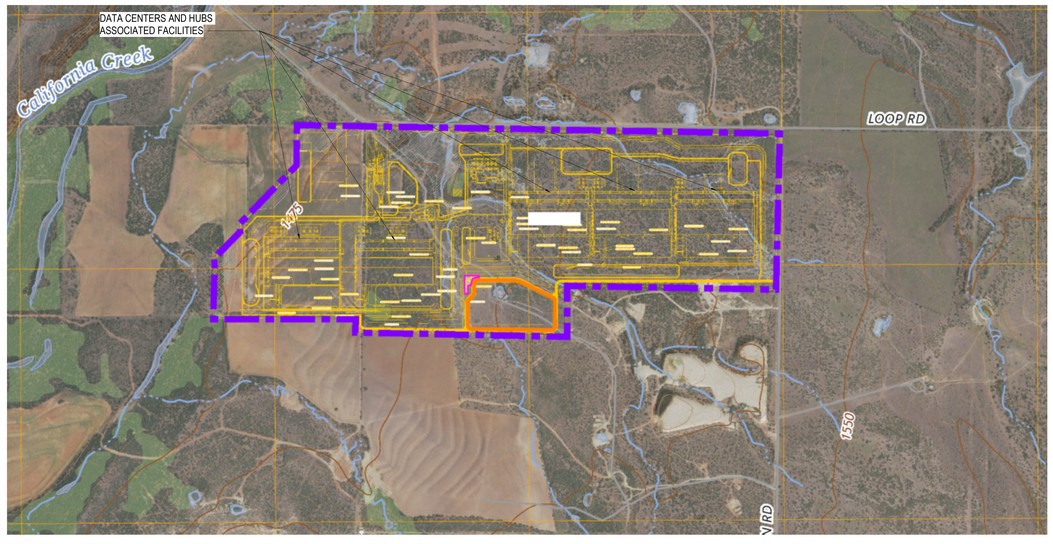
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map OnDemand Topo

7.5-MINUTE TOPO QUADRANGLE
TEXAS - CUSTOM EXTENT
7.5-MINUTE TOPO



1 USGS TOPOGRAPHIC MAP
NOT TO SCALE



2 USGS TOPOGRAPHIC MAP - ENLARGED
NOT TO SCALE

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: UNIVERSAL TRANSVERSE MERCATOR, ZONE 14S
Data is provided by The National Map (TNM), is the best available at the time of map generation, and includes data content from supporting themes of Elevation, Hydrography, Geographic Names, Boundaries, Transportation, Structures, Land Cover, and Orthoimagery. Refer to associated Federal Geographic Data Committee (FGDC) Metadata for additional source data information.

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands. Temporal changes may have occurred since these data were collected and some data may no longer represent actual surface conditions.

Learn About The National Map: https://nationalmap.gov

UTM GRID AND 2025 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
MB
Grid Zone Designation
14S

SCALE 1:24 000

KILOMETERS 1 0.5 0 1 2
METERS 1000 500 0 1000 2000
MILES 1 0.5 0 1
FEET 1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000

CONTOUR INTERVAL 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

QUADRANGLE LOCATION

ADJOINING QUADRANGLES
Lake Stamford West
Lake Stamford East
Lueders NW
Lueders NE

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

7.5-MINUTE TOPO, TX
2025

HDR, INC.
1917 SOUTH 67th STREET
OMAHA, NEBRASKA 68106
(402) 399-1000

CONFIDENTIAL
60% DESIGN

REVISIONS		
NO.	DATE	DESCRIPTION
0.1	2025-08-22	60% DESIGN

DRAWN:
APPRV'D:

THM WWTP
HASKELL COUNTY, TX
PROJ. NO. 10429295

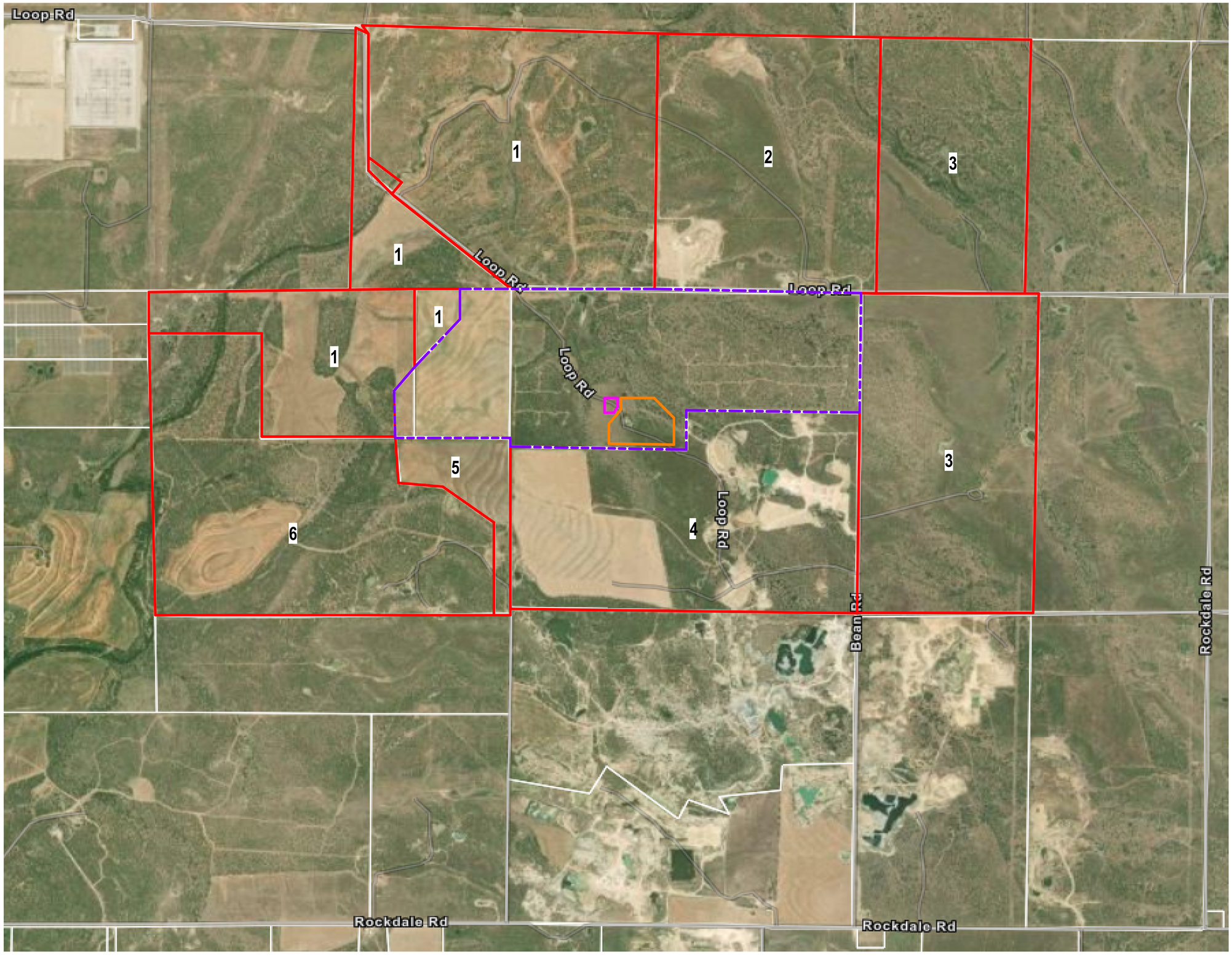
USGS TOPOGRAPHIC MAP
SCALE: NOT TO SCALE

SHEET NUMBER:
00G002
PHASE: 60% DESIGN

ATTACHMENT 6

AFFECTED LANDOWNERS MAP

REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 12



LEGEND

- APPLICANT PROPERTY BOUNDARY
- LAND PARCEL BOUNDARY
- WASTEWATER TREATMENT UNITS
- EVAPORATION POND BOUNDARY

1. JAMES M RAUGHTON
   7060 FM 618
   HASKELL, TX 79521
2. CLARENCE RUDY RAUGHTON
   P.O. BOX 781
   ROSCOE, TX 79545
3. DONALD L COBB
   526 EN 19TH
   ABILENE, TX 79601
4. LEUDERS STONE QUARRY LLC
   4865 HILL STREET #7854
   ABILENE, TX 79602
5. VGER HOLDINGS LLC
   2139 WALNUT ST
   MURPHYSBORO, IL 62966
6. JIM & SHERRIE RAUGHTON
   6996 FM 618
   HASKELL, TX 79521

1 ADJACENT LANDOWNERS MAP
NOT TO SCALE

HDR, INC.
1917 SOUTH 67th STREET
OMAHA, NEBRASKA 68106
(402) 399-1000

CONFIDENTIAL
60% DESIGN

REVISIONS		
NO.	DATE	DESCRIPTION
0.1	2025-08-22	60% DESIGN

DRAWN:
APPRV'D:

THM WWTP
HASKELL COUNTY, TX
PROJ. NO. 10429295

ADJACENT LANDOWNERS MAP
SCALE: NOT TO SCALE

SHEET NUMBER:
00G001
PHASE: 60% DESIGN

ATTACHMENT 7
CROSS-REFERENCED LANDOWNERS LIST
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 12

CROSS-REFERENCED LANDOWNER'S LIST

JAMES M RAUGHTON
7060 FM 618
HASKELL, TX 79521

CLARENCE RUDY RAUGHTON
P.O. BOX 781
ROSCOE, TX 79545

DONALD L COBB
526 EN 19TH
ABILENE, TX 79601

LEUDERS STONE QUARRY LLC
4865 HILL STREET #7854
ABILENE, TX 79602

VGER HOLDINGS LLC
2139 WALNUT ST
MURPHYSBORO, IL 62966

JIM & SHERRIE RAUGHTON
6996 FM 618
HASKELL, TX 79521

ATTACHMENT 8
ORIGINAL PHOTOGRAPHS
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 13

PHOTO 1 - PHOTOGRAPH FOR LOCATION OF EVAPORATION POND AND WASTEWATER TREATMENT FACILITY

N

200 0 200 400
SCALE IN FEET

TRACT 2
EASEMENT AND
RIGHT-OF-WAY
VOL. 691, PG. 363

LOOP ROAD
(R.O.W. VARIES)

JAMES M. RAUGHTON
14.08 ACRES
VOL. 691, PG. 452

JAMES M RAUGHTON
161 ACRES
VOL. 555, PG. 272

MUSSELMAN TECH HOLDINGS LLC
3650.5 ACRES
VOL. 709, PG. 845

BEAN ROAD
(R.O.W. VARIES)

DONALD L COBB
326.0 ACRES
VOL. 608, PG. 514

LUEDERS STONE QUARRY LLC
365-1/2 ACRES
VOL. 692, PG. 323

JIM AND SHERRIE RAUGHTON
435.8 ACRES
VOL. 693, PG. 662

S89° 27' 18"E
811.68'

S88° 43' 50"E
5382.10'

N01° 21' 57"E
509.23'

N43° 34' 32"E
1035.70'

N01° 12' 37"E
84.35'

N01° 35' 37"E
304.55'

N01° 04' 24"E
771.82'

S01° 54' 59"W
1967.34'

2672.28'
N88° 46' 38"W

2693.90'
N88° 48' 08"W

N88° 48' 08"W
2672.28'

WWTP-DWTR-1
WWTP-DWTR-2
WWTP-DWTR-3
WWTP-DWTR-5
WWTP-DWTR-9
WWTP-DWTR-10
WWTP-DWTR-11
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WWTP-FM-2
WWTP-FM-3
WWTP-FM-4
WWTP-SSWR-1
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WWTP-SSWR-4
WWTP-SSWR-5
WWTP-SSWR-6
WWTP-SSWR-7
WWTP-SSWR-8
WWTP-SSWR-9

1

2025-08-22 2:07:09 PM D:\5647\10003280\10423900\6.0_CAD_BIM\6.2_WIP\DWG\03_PRODUCTION-DWGS\WWTP & TANK FARM\THM-WWTP-C-OVERALL UTILITY PLAN.DWG

HDR, INC.
1917 SOUTH 67th STREET
OMAHA, NEBRASKA 68106
(402) 399-1000

CONFIDENTIAL
60% DESIGN

REVISIONS		
NO.	DATE	DESCRIPTION
0.1	2025-08-22	60% DESIGN

DRAWN:
APPRV'D:

THM WWTP
HASKELL COUNTY, TX
PROJ. NO. 10429295

WWTP OVERALL UTILITY PLAN
SCALE: 1" = 200'

SHEET NUMBER:
01C500
PHASE: 60% DESIGN

ATTACHMENT 9
BUFFER ZONE MAP
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 13

LEGEND

APPLICANT PROPERTY BOUNDARY

N

PROPERTY BOUNDARY

PROPERTY BOUNDARY

PROPERTY BOUNDARY

PROPERTY BOUNDARY

WATER OPERATIONS BUILDING LIFT STATION

NORTH LIFT STATION

905' - 0"

WASTEWATER OPERATIONS BUILDING

WASTEWATER DRAIN LIFT STATION

SECONDARY HOLDING TANK

PACKAGED BIOLOGICAL TREATMENT SYSTEM

EVAPORATION POND

525' - 0"

EXISTING MONITORING WELL #682935 (WILL BE PLUGGED AND ABANDONED)

WEST LIFT STATION

EAST LIFT STATION

500' RADIUS

HDR, INC.
1917 SOUTH 67th STREET
OMAHA, NEBRASKA 68106
(402) 399-1000

CONFIDENTIAL
60% DESIGN

REVISIONS		
NO.	DATE	DESCRIPTION
0.1	2025-08-22	60% DESIGN

DRAWN:

APPRV'D:

THM WWTP

HASKELL COUNTY, TX

PROJ. NO. 10429295

BUFFER ZONE MAP

SCALE: NOT TO SCALE

SHEET NUMBER:
00G003

PHASE: 60% DESIGN

ATTACHMENT 10
NUISANCE ODOR PREVENTION - TCEQ CORRESPONDENCE
REFERENCE: DOMESTIC ADMINISTRATIVE REPORT - PAGE 13

Saraf, Abhijeet

From: Baltazar Lucero-Ramirez <Baltazar.Lucero-Ramirez@tceq.texas.gov>
Sent: Thursday, October 2, 2025 9:12 AM
To: Saraf, Abhijeet; Deba Dutta
Cc: Corbin, Ian; Sumitra Pokharel
Subject: RE: Haskell County Project: Draft Email for Clarifications on Buffer Zone Requirement

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Abhijeet,

The state of Texas standards for BOD and TSS are 20/20. If your plant will be able to meet these standards, this could suffice for nuisance odor prevention for the Evaporation Pond.

For effluent concentrations higher than 20 mg/L for BOD and TSS, we will require a nuisance odor control plan for the Evaporation Pond.

Baltazar Lucero-Ramirez, PE
TCEQ
512-239-4924

From: Saraf, Abhijeet <Abhijeet.Saraf@hdrinc.com>
Sent: Thursday, October 2, 2025 9:03 AM
To: Deba Dutta <Deba.Dutta@tceq.texas.gov>; Baltazar Lucero-Ramirez <Baltazar.Lucero-Ramirez@tceq.texas.gov>
Cc: Corbin, Ian <Ian.Corbin@hdrinc.com>; Sumitra Pokharel <Sumitra.Pokharel@tceq.texas.gov>
Subject: RE: Haskell County Project: Draft Email for Clarifications on Buffer Zone Requirement

Baltazar,

Good morning,
I wanted to gently follow-up on this question regarding buffer zone requirements and odor nuisance prevention around evaporation pond.
Can you please respond to us at your earliest convenience?

Thank you very much Baltazar,

Abhijeet Saraf
Water/Wastewater EIT

HDR
1917 South 67th Street
D 402.392.6986 **M** 217.979.6333
Abhijeet.Saraf@hdrinc.com

hdrinc.com/follow-us

From: Deba Dutta <Deba.Dutta@tceq.texas.gov>
Sent: Tuesday, September 30, 2025 8:10 AM
To: Baltazar Lucero-Ramirez <Baltazar.Lucero-Ramirez@tceq.texas.gov>
Cc: Corbin, Ian <Ian.Corbin@hdrinc.com>; Sumitra Pokharel <Sumitra.Pokharel@tceq.texas.gov>; Saraf, Abhijeet <Abhijeet.Saraf@hdrinc.com>
Subject: RE: Haskell County Project: Draft Email for Clarifications on Buffer Zone Requirement

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Baltazar,
Could you please respond to the yellow highlighted below?

Thanks.
Deba Dutta
Deba P. Dutta, P.E.
Team Leader, Domestic Permits Team
Domestic Wastewater Section
Water Quality Division, TCEQ. MC-148
Texas Commission on Environmental Quality
12100 Park 35 Circle, Austin, Texas 78753
Phone: 512-239-4608
Email: Deba.Dutta@tceq.texas.gov

Registration is open for the 2025 Water Quality / Stormwater Seminar scheduled for Oct. 21, 2025.

From: Saraf, Abhijeet <Abhijeet.Saraf@hdrinc.com>
Sent: Wednesday, September 24, 2025 3:34 PM
To: Sumitra Pokharel <Sumitra.Pokharel@tceq.texas.gov>; Deba Dutta <Deba.Dutta@tceq.texas.gov>; Baltazar Lucero-Ramirez <Baltazar.Lucero-Ramirez@tceq.texas.gov>
Cc: Corbin, Ian <Ian.Corbin@hdrinc.com>
Subject: Haskell County Project: Draft Email for Clarifications on Buffer Zone Requirement

Hello Sumitra, Deba, Baltazar,

Good afternoon,
I wanted to reach out to you regarding one of our new projects in Texas and ask a couple of questions.

In this project,
We are planning the construction of a new wastewater treatment facility treating domestic wastewater from the buildings.
The process will involve the following steps:

- Packaged Extended Aeration Activated Sludge Treatment System (Treating the wastewater to <30 mg/L BOD, < 30 mg/L TSS).
- Provision for disinfection by tablet chlorination
- Discharging the treated effluent to Evaporation Pond.
- There will be no direct discharge.

The package WWTP will be more than 150 ft away from the property boundary. However, we are constrained on space at the project and are not able to meet the required 150 ft separation distance for buffer zone requirements between the Nearest Property Line and the Evaporation Pond.

Since the packaged biological treatment system is treating the wastewater influent system to below 30 mg/L BOD/TSS, does this suffice for nuisance odor prevention for the Evaporation Pond if it is receiving effluent with BOD/TSS < 30 mg/TSS.

We look forward to your responses.

Abhijeet Saraf
Water/Wastewater EIT

HDR
1917 South 67th Street
D 402.392.6986 **M** 217.979.6333
Abhijeet.Saraf@hdrinc.com

hdrinc.com/follow-us

Saraf, Abhijeet

From: Jose Alfonso Martinez <Jose.Martinez@tceq.texas.gov>
Sent: Thursday, October 9, 2025 10:01 AM
To: Saraf, Abhijeet
Cc: Corbin, Ian; Zell, Daniel; Erwin Madrid; Leah Whallon
Subject: RE: Homebound Group Project: Question regarding Buffer Zone Requirements

CAUTION: [EXTERNAL] This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Good Morning Abhijeet,

I was forwarded this message to respond to. I am the Work Leader for the Domestic Permits Team. So regarding your questions about the documentation, that would be sufficient for the as the easement requirement. Also to make sure to include that no residential structures will be constructed by the current landowner until that time of purchase as some clause or something in that agreement if they are ok with that.

Just to be clear to make sure that the evaporation pond does not require the 150 ft buffer zone requirement and only is for the facility. So if it is the pond that is on the 60 ft side then that is no issue as long at the facility still meets that 150 ft requirement. If you have any additional questions let me know. Have a wonderful day!

Sincerely,

J. Alfonso Martinez III

Texas Commission on Environmental Quality
Work Leader, Domestic Permits Team
Water Quality Division
Direct|512.239.4668
jose.martinez@tceq.texas.gov

Please consider whether it is necessary to print this e-mail

From: Saraf, Abhijeet <Abhijeet.Saraf@hdrinc.com>
Sent: Wednesday, October 8, 2025 3:48 PM
To: Erwin Madrid <Erwin.Madrid@tceq.texas.gov>
Cc: Corbin, Ian <Ian.Corbin@hdrinc.com>; Zell, Daniel <Daniel.Zell@hdrinc.com>
Subject: Homebound Group Project: Question regarding Buffer Zone Requirements

Erwin,

Good afternoon,

Thank you very much for speaking with me today.

As discussed,

I wanted to reach out to you regarding one of our new projects for the Homebound Group (client) in Haskell County, TX.
We are designing a wastewater treatment system for the domestic wastewater generated from the facility and will be submitting a Wastewater Permit Application soon.
Our treatment system includes collection of wastewater in influent lift stations that will pump it to a packaged biological treatment system followed by effluent discharge to Evaporation Pond.

I wanted to ask a question regarding Buffer Zone requirements.

Per 30 TAC §309.13.(e).(1),
Wastewater Treatment plant units may not be located within 150 feet to the nearest property line.

We are a little limited on the space on site and nearly 60 feet of this necessary buffer zone requirement of 150 feet falls under the adjacent property owner's boundary.

The adjacent property owner has agreed to sell us this land in future but it will take some time to purchase the additional land.
Per 30 TAC §309.13.(e).(3),
"The permittee must submit sufficient evidence of legal restrictions prohibiting residential structures within the part of the buffer zone not owned by the applicant. Sufficient evidence of legal restriction may, among others, take the form of a suitable restrictive easement, right-of-way, covenant, deed restriction, deed recorded, or a private agreement provided as a certified copy of the original document. The request shall be submitted, prior to construction, either with a permit application and subject to review during the permitting process or submitted for executive director approval after the permitting process is completed."
If we submit a notarized legal document signed by the client and the adjacent property owner, confirming that the additional land will be sold to the client in near future,
Will that suffice as a "covenant" or "private agreement" under 30 TAC §309.13.(e).(3) and meet the necessary requirements for buffer zone to submit this permit application?

Please advise us at your earliest convenience.
We will sincerely appreciate your input and support.

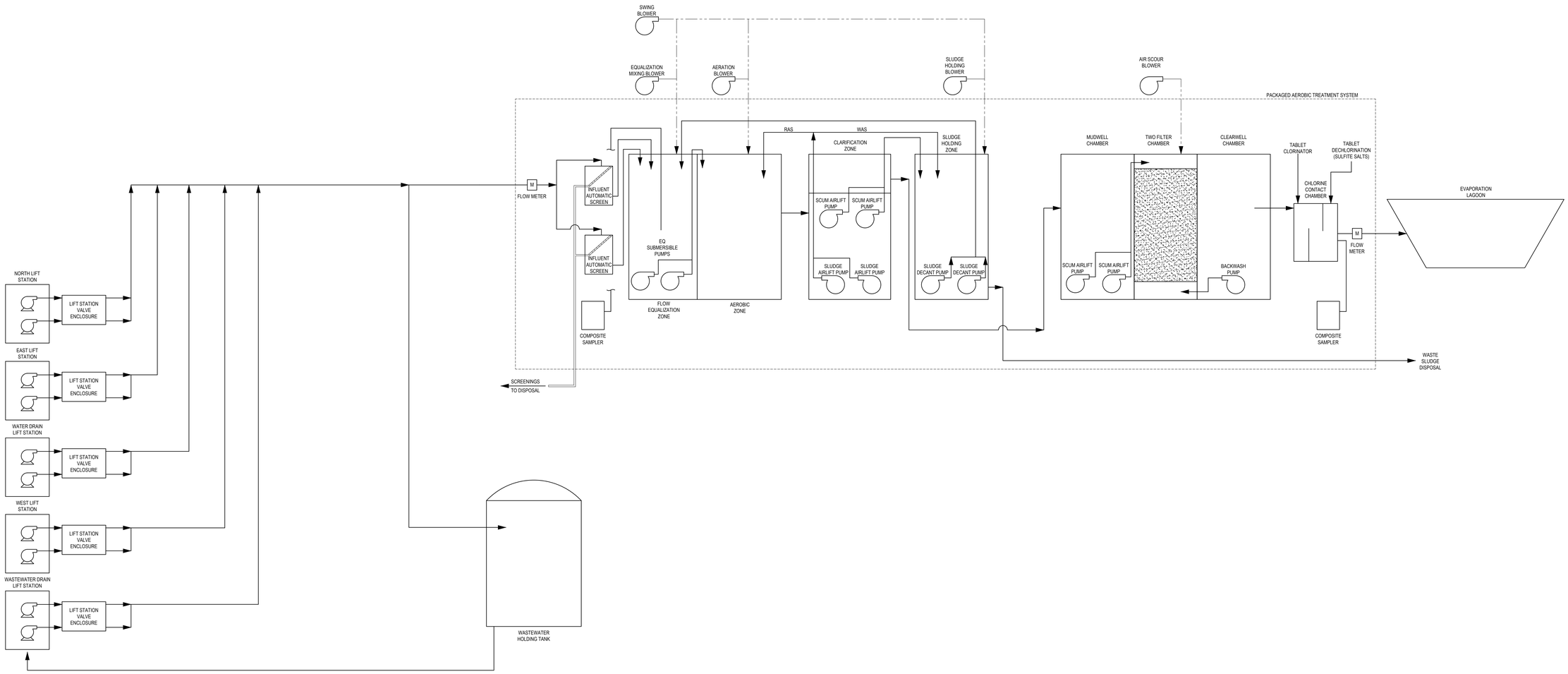
Thank you very much Erwin,

Abhijeet Saraf
Water/Wastewater EIT

HDR
1917 South 67th Street
D 402.392.6986 **M** 217.979.6333
Abhijeet.Saraf@hdrinc.com

hdrinc.com/follow-us

ATTACHMENT 11
PROCESS FLOW DIAGRAM
REFERENCE: DOMESTIC TECHNICAL REPORT 1.0 - PAGE 2



HDR, INC.
1917 SOUTH 67th STREET
OMAHA, NE 68106
(402) 399-1000
TEXAS FIRM #: F-754

This Sheet is included for Informational Purposes Only

05/08/24

TRADE SECRETS

NOTE: THIS DOCUMENT CONTAINS TRADE SECRETS AND PROPRIETARY/COMMERCIAL/FINANCIAL INFORMATION - EXEMPT FROM DISCLOSURE UNDER THE FREEDOM OF INFORMATION ACT, 5 U.S.C. §552

CONFIDENTIAL CLIENT
NOT FOR CONSTRUCTION

REVISIONS

NO.	DATE	DESCRIPTION
0.1	2025-09-22	60% DESIGN
0.2	2025-10-22	PERMIT APPLICATION

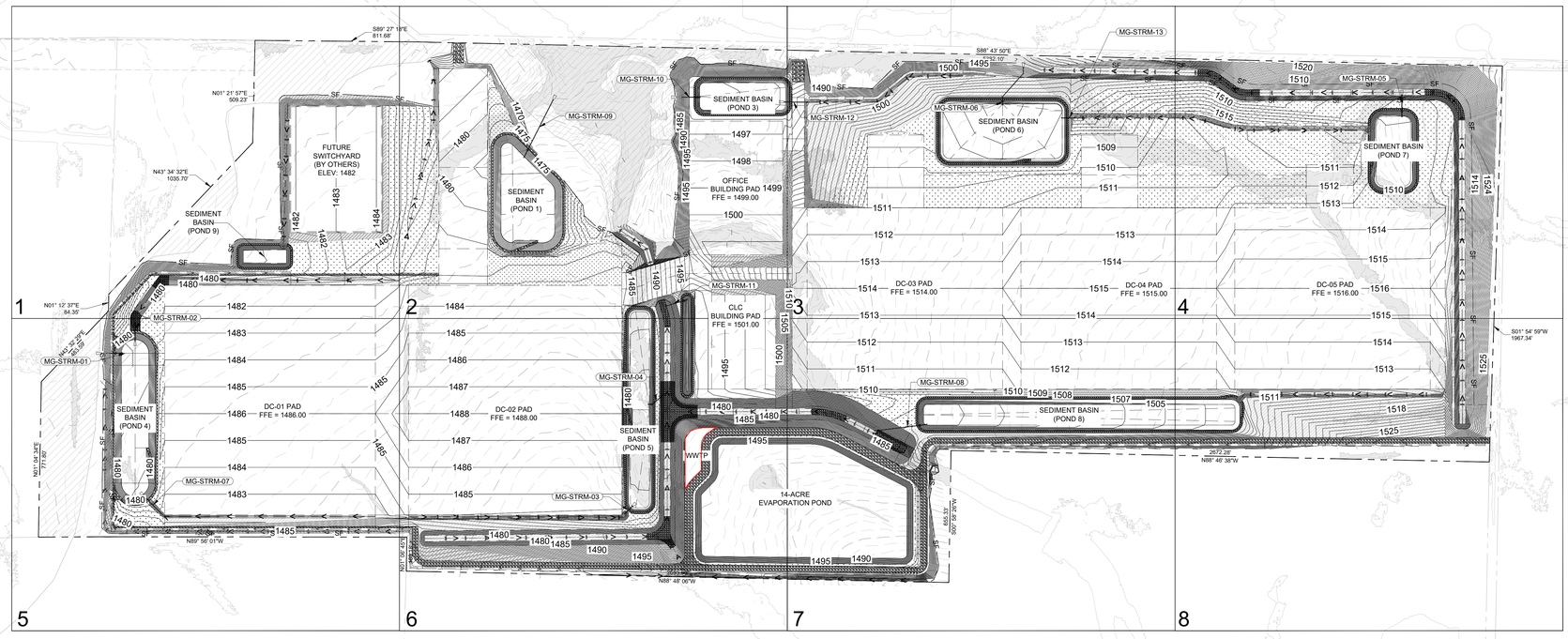
DRAWN: ADH
APPRV'D: EIS

THM W-WW
HASKELL COUNTY, TX
PROJ. NO. 10429295

PROCESS FLOW DIAGRAM - WASTEWATER TREATMENT SYSTEM
SCALE: NOT TO SCALE

SHEET NUMBER:
OOD602
PHASE: 95% DETAILED DESIGN

ATTACHMENT 12
SITE LAYOUT DRAWING
REFERENCE: DOMESTIC TECHNICAL REPORT 1.0 - PAGE 3



N

250 0 250 500

SCALE IN FEET

GENERAL NOTES:

1. REFER TO SHEET MG-C-0001 FOR GENERAL NOTES, LEGENDS AND ABBREVIATIONS.
2. REFER TO SHEET MG-C-3001 FOR OVERALL MASS GRADING CUT AND FILL QUANTITIES.
3. EXISTING TOPOGRAPHIC AND SURVEY INFORMATION IS BASED ON SURVEY PROVIDED BY MANHARD CONSULTING. ENGINEER DOES NOT GUARANTEE THE ACCURACY OF THE EXISTING SITE INFORMATION. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATIONS OF UTILITIES PRIOR TO CONSTRUCTION.
4. EROSION CONTROL MEASURES AND BEST MANAGEMENT PRACTICES SHALL BE INSTALLED PRIOR TO ANY LAND DISTURBANCE AND MAINTAINED THROUGHOUT THE DURATION OF CONSTRUCTION.
5. SITE SHALL BE STRIPPED OF ALL VEGETATION AND ORGANIC TOPSOIL. TREE ROOTS GREATER THAN 1 INCH IN DIAMETER TO BE GRUBBED AND REMOVED.
6. EXPOSED SUBGRADES SHALL BE THOROUGHLY PROOFROLLED WITH A MINIMUM OF 5 PASSES OF A FULLY LOADED DUMP TRUCK, OR SIMILAR HEAVILY-LOADED PIECE OF CONSTRUCTION EQUIPMENT. PROOFROLLING OPERATIONS SHALL BE OBSERVED BY THE ON SITE GEOTECHNICAL ENGINEER. ALL SOFT AND/OR UNSTABLE SOILS SHALL BE STABILIZED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.
7. PRIOR TO FILL PLACEMENT OR SLAB CONSTRUCTION, THE EXPOSED SUBGRADE SHALL BE MOISTURE CONDITIONED BY SCARIFYING TO A MINIMUM DEPTH OF 6 INCHES AND RECOMPACTING TO A MINIMUM OF 95 PERCENT OF THE MAXIMUM DENSITY DETERMINED FROM ASTM D698.
8. FILL MATERIALS SHALL BE FREE OF ROOTS AND OTHER ORGANIC OR DEGRADABLE MATERIAL. MAXIMUM PARTICLE SIZE SHALL NOT EXCEED 4 INCHES OR ONE HALF THE LIFT THICKNESS, WHICHEVER IS SMALLER.
9. IF UTILITY TRENCHES OR OTHER EXCAVATIONS EXTEND TO OR BELOW A DEPTH OF 5 FEET BELOW CONSTRUCTION GRADE, THE CONTRACTOR SHALL DEVELOP A TRENCH SAFETY PLAN TO PROTECT PERSONNEL ENTERING THE TRENCH OR TRENCH VICINITY. ANY SUCH DESIGNS AND SAFETY PLANS SHALL BE DEVELOPED IN ACCORDANCE WITH CURRENT OSHA GUIDELINES AND OTHER APPLICABLE INDUSTRY STANDARDS.

LEGEND:

100-YEAR FEMA FLOOD PLAIN

100-YEAR INDUNATION

HDR, INC.
1711 PRESTON RD
DALLAS, TX 75248
(972) S960-4400

CONFIDENTIAL
65% REVIEW

REVISIONS			DRAWN:
NO.	DATE	DESCRIPTION	APPRV'D:
	07-09-2021	MASS GRADING €	

THM1A MASS GRADING - 5 DC

PROJ. NO.

OVERALL STORM AND GRADING PLAN

SCALE: NTS

SHEET NUMBER:
MG-C-3000

PHASE: 65% DELIVERABLE

ATTACHMENT 13
DESIGN CALCULATIONS
REFERENCE: DOMESTIC TECHNICAL REPORT 1.1 - PAGE 22

DESIGN CALCULATIONS

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

Parameter	Concentration
BOD5	400 mg/L
TSS	385 mg/L

The facility process and hydraulic design for this facility are as follows:

Design Calculations

Flow	**Gallons Per Day**	**Gallons Per Minute**
Average Daily Flow (Q_{ave})	37,000	26
Peak 2-Hour Flow (Q_{pk})		39

Loading	**Pounds Per Day**
BOD_5	124
TSS	119

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

$CBOD_5$ = 20 mg/L; TSS = 20 mg/L;

In order to achieve the required removal efficiencies, the packaged treatment system which runs as an activated sludge process will be operated. The packaged treatment system will include an automatic screen, a flow equalization zone, an aeration zone and a sludge holding zone followed by a clarifier unit. The liquid temperature is expected to be 15°C. The anticipated ranges of MLSS and RAS are 4,500 mg/L and 14,000 mg/L respectively.

Treatment Units

Aeration Basin

Aeration Basin	TCEQ Requires	Actual Provided
Organic loading rate (lbs/day/1000 ft^3)	25 (Max)	21
Total aeration volume (ft^3)		6,000
Freeboard (in)	18	24

Clarifier

Clarifier	TCEQ Requires	Actual Provided
Inlet Velocity through Stilling Well (ft/s)	0.15 (Max)	0.027
Surface loading rate (Q_{pk}) (gallons/day/ ft^2)	1200 (Max)	360
Detention time (Q_{pk}) (hr)	1.8 (Min)	4.0
Side-water depth (ft)	8 (Min)	8
Maximum weir loading (Q_{pk}) (gallons/day/ft)	20,000 (Max)	1262
Freeboard (in)	12	24

Air Requirements

Aeration Basin

Aeration Basin	TCEQ Requires	Actual Provided
Aeration requirements (SCF/day/lb BOD_5)	3,200	3,830
Oxygen required (lb O_2/lb BOD_5)	2.2	2.2
Oxygen required (lb/day)	272	272
Air provided (SCFM)	330	330

Sludge Holding Zone

Sludge Holding Zone	TCEQ Requires	Actual Provided
Aeration requirements (SCFM/1,000CF)	20	33
Air Flow Rate (SCFM)	21	35

The expected wet sludge production at the packaged treatment plant is nearly 1,352 gallons/day.

Disinfection

An in-line automatic tablet chlorinator with Calcium Hypochlorite tablets will be used upstream of the chlorine contact chamber to provide chlorination to the wastewater effluent discharging to the evaporation pond.

Tablet Chlorination	**TCEQ Requires**	**Actual Provided**
Chlorine Concentration (mg/L)	8	15
Average Flow (MGD)		0.037
Chlorine Dosage (lbs/day)	2.5	4.63
Chlorine Tablets Required/Day (0.5 pounds each)		15

An automatic tablet dechlorinator with Sodium Bisulfite tablets will be used for dechlorination with Sodium Sulfite tablets to the wastewater effluent discharging to the evaporation pond.

Tablet Dechlorination	**TCEQ Requires**	**Actual Provided**
Sodium Bisulfite Required (lbs/lbs Chlorine)	1.465	2
Average Flow (MGD)		0.037
Sodium Bisulfite Tablets Required/Day (0.5 pounds each)		3

Facility design features

A. Emergency Power Requirements

In accordance with *30 TAC § 217.36*, the treatment facility must incorporate an on-site 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. 1 – Packaged Treatment System including influent screen, solids handling pumps, transfer pumps, scraper and skimming mechanisms in clarifier
2. 3 – Blowers, one (1) each for Aeration Zone, Equalization Zone and Sludge Handling Zone within the Packaged Treatment System.
3. Lighting Panels and Control Equipment

Additionally, a provision for portable generators will be made for influent lift stations pumping raw domestic wastewater into the packaged treatment system.

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(s) Wet Well High High Levels.
3. Influent Lift Station(s) Pump Seal Failure and High Temperature.
4. Packaged Treatment System Alarms:
    a. Influent Screen Failure
    b. Equalization Zone Transfer Pump Failure
    c. Clarifier Skimming Mechanism Failure
    d. Clarifier Sludge Scraper Mechanism Failure
5. Equalization Blower Failure
6. Sludge Holding Zone Blower Failure
7. Aeration Zone Blower Failure

The autodialer will store prerecorded messages concerning each alarm condition and the procedure to be followed and will call up different phone numbers until the alarm condition is acknowledged.

C. Design Features for Reliability And Operating Flexibility

1. Influent lift stations: The influent lift stations 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 wet well levels. High High wet well level will result in an alarm condition.
2. Packaged Treatment System: A swing blower will be provided for back-up aeration to the flow equalization, sludge holding zone and aeration zone within the packaged treatment system.

D. Overflow prevention

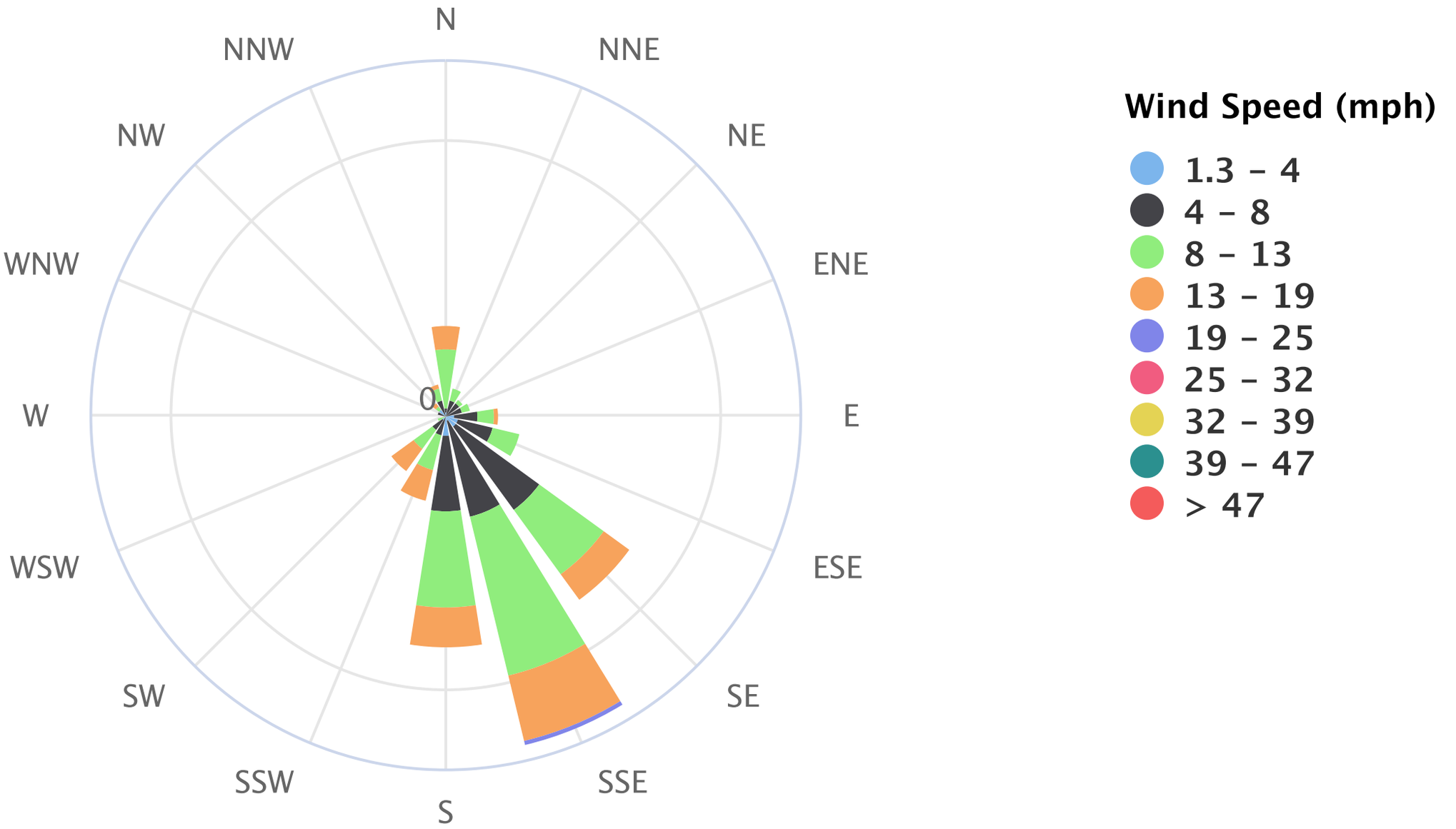
The following design features will be used to prevent the overflow of wastewater from treatment units.

1. The influent lift station will be designed with the capacity to pump peak flow with the largest single pump out of service.
2. The facility hydraulic design, including piping, channels, weirs, troughs and other features, will be sized to allow the 2-hour peak flow to pass through the facility without exceeding minimum freeboard requirements with any single treatment unit out of service.

ATTACHMENT 14
WIND ROSE DIAGRAM
REFERENCE: DOMESTIC TECHNICAL REPORT 1.1 - PAGE 23

ABILENE REGIONAL AP (TX) Wind Rose

9/1/2025 - 9/16/2025
Sub-Interval: Jan 1 - Dec 31, 00:00 - 23:59



Highcharts.com

ATTACHMENT 15
SLUDGE MANAGEMENT PLAN
REFERENCE: DOMESTIC TECHNICAL REPORT 1.1 - PAGE 24

Sludge Management Plan

Influent Design Flow = 0.037 mgd Influent

BOD Concentration = 400 mg/L Sludge

Holding Zone Volume: 6,800 gallons

Aeration Basin MLSS: 4,500 mg/L

Sludge Production

Solids Generated	100% flow	75% flow	50% flow	25% flow
Pounds Influent BOD_5	124	93	62	31
Pounds of dry sludge produced*	124	93	62	31
Pounds of wet sludge produced	11,272	8,455	5,637	2,818
Gallons of wet sludge produced	1,352	1,014	676	338

***Assuming 1.00 pounds of digested dry sludge produced per pound of influent BOD_5 at average temperatures and 1.1% solids concentration in the sludge holding zone.**

Waste Activated Sludge (WAS) will be collected from the sludge and scum pumps at the clarifier unit and sent to the sludge holding zone.

Table EX5(2) – Sludge Removal Schedule

Removal Schedule (days)	100% flow	75% flow	50% flow	25% flow
Days between Sludge Removal	7	10	14	30

WAS will be regularly removed from the sludge holding zone by a septage hauler and hauled to the City of Stamford's Wastewater Treatment Plant.

ATTACHMENT 16
EXISTING WELL LOGS

REFERENCE: WORKSHEET 3.0 LAND DISPOSAL OF EFFLUENT - PAGE 33

STATE OF TEXAS WELL REPORT for Tracking #682935

Owner:	**Google. LLC**	Owner Well #:	**No Data**
Address:	**710 Hesters Crossing, Suite 150 Round Rock, TX 78681**	Grid #:	**30-04-2**
Well Location:	**Loop Road Haskell, TX**	Latitude:	**32° 59' 10.93" N**
		Longitude:	**099° 34' 50.12" W**
	.75 miles southwest of intersection of Bean Road and Loop Road.	Elevation:	**No Data**
Well County:	**Haskell**		
Type of Work:	**New Well**	Proposed Use:	**Monitor**

Drilling Start Date: **11/12/2024** Drilling End Date: **11/13/2024**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
7	**0**	**60**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
10	**60**	**Sand**	

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**10**	**Cement 6 Bags/Sacks**
10	**60**	**Sand 20 Bags/Sacks**

Seal Method: **Hand Mixed**

Sealed By: **Driller**

Distance to Property Line (ft.): **No Data**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

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

Method of Verification: **No Data**

Surface Completion: **Surface Slab Installed** **Surface Completion by Driller**

Water Level: **11 ft.** below land surface on **2024-11-13**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	**No Data**

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: **SKG Engineering, LLC**

706 South Abe Street
San Angelo, TX 76903

Driller Name: **Clifford Jason Clinton** License Number: **59545**

Apprentice Name: **Cody Kennemer**

Comments: **No Data**

Report Amended on 11/20/2024 by Request #43819

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Brown Sandy Clay**
3	**17**	**Tan limestone with clay seams**
17	**60**	**gray shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
4		**New Plastic (PVC)**		**0**	**20**
4		**New screen**		**20**	**60**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

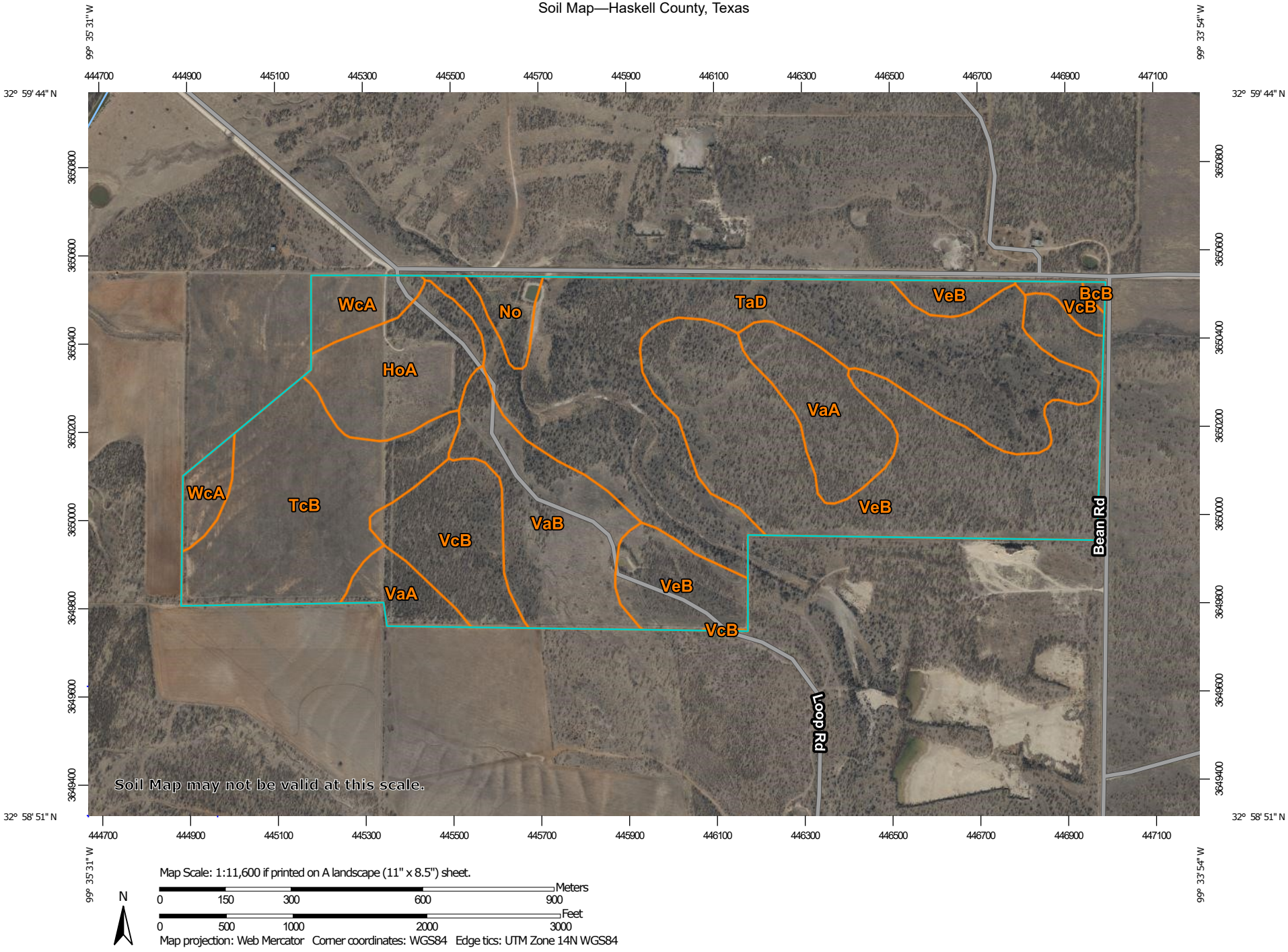
TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail,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

ATTACHMENT 17
SOIL MAP
REFERENCE: WORKSHEET 3.0 LAND DISPOSAL OF EFFLUENT - PAGE 34

Soil Map—Haskell County, Texas



Map Scale: 1:11,600 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 150 300 600 900

Feet: 0 500 1000 2000 3000

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 14N WGS84

MAP LEGEND

Area of Interest (AOI)

- Area of Interest (AOI)

Soils

- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features

- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features

- Streams and Canals

Transportation

- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background

- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Haskell County, Texas
Survey Area Data: Version 21, Aug 30, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 17, 2022—Jan 22, 2022

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
BcB	Rowden clay, 1 to 3 percent slopes	0.6	0.2%
HoA	Hollister clay loam, 0 to 1 percent slopes	22.3	6.5%
No	Wheatwood silty clay loam	5.0	1.5%
TaD	Lueders stony clay, 0 to 8 percent slopes	92.4	27.1%
TcB	Tillman clay loam, 1 to 3 percent slopes	44.5	13.1%
VaA	Valera clay, 0 to 1 percent slopes	24.1	7.1%
VaB	Valera clay, 1 to 3 percent slopes	29.6	8.7%
VcB	Kavett clay, shallow, 0 to 3 percent slopes	22.2	6.5%
VeB	Kavett stony clay, 0 to 3 percent slopes	88.3	25.9%
WcA	Wichita clay loam, 0 to 1 percent slopes	12.2	3.6%
Totals for Area of Interest		**341.0**	**100.0%**

ATTACHMENT 18
EVAPORATION POND CALCULATIONS
REFERENCE: WORKSHEET 3.1 SURFACE LAND DISPOSAL OF EFFLUENT - PAGE 37

Evaporation Lagoon Design Calculation - 25-year CRITICAL

Vadelay THM - Haskell County, TX

Input Values in red

Bottom width of lagoon (Wo)	1000	ft
Bottom Length of lagoon (Lo)	510	ft
Lagoon width at initial water depth	1012	ft
Lagoon Length at initial water depth	522	
Surface Area at Top of lagoon Dike (AT)	604,200	ft^2
Surface Area at bottom of lagoon (Ao)	510,000	ft^2
Water surface area at max. water depth (A2)	584,784	ft^2
Water surface area at the initial water depth	528,264	ft^2
Interior Dike Slope	3	to 1
Minimum Water Depth	0	ft
Maximum Water Depth	8	ft
Lagoon Freeboard	2	ft
Total Depth of lagoon	10	ft
Initial depth of water	2	ft
Initial Lagoon Volume	1,020,987	ft^3

Volume = H/6 {A_o+4*A1+Ai}

Ao =(Lo*Wo)

A1= {Lo+(slope *H)}*{Wo+(slope *H)}

Net Volume Change = Q +Vprec-Vevap

A_T = Surface area at top of the lagoon

Ai = Surface area at the water depth

Ve = Monthly Evaporation volume

Vp = Monthly Precipitation volume

A1 = Water Surface Area at Average Water Depth

Ao = Water Surface Area at Bottom of lagoon

H = Lagoon Water Depth

	Bottom	Max WS	Top Berm	
Surface Area	510,000	584,784	604,200	ft^2
	11.71	13.42	13.87	acre
Length	1,000	1,048	1,060	ft
Width	510	558	570	ft
Lagoon Volume	0	4,179,954	5,257,302	ft^3
Lagoon Volume	0	31,268,143	39,327,248	gal

Production	37,000	gal/day
Water Usage	365	Days/year
Flow	13,505,000	Gal/Yr
Salinity Evap. Correction	1.00000	

Equations Reference:	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13.00*	*14*	*15*
Month	**Month**	**No. Days per month**	**Gal per day**	**Monthly Flow (Q) (cf)**	**Pure Water Pan Evap. (in/month)**	**Salinity Monthly Evap. (in)**	**Monthly Precip. (in)**	**Monthly Evaporation (ft)**	**Monthly Precipitation (ft)**	**Starting Volume (ft3)**	**Starting Depth (ft)**	**Net Volume Inflow (Q + Precip - Evap) (ft3)**	**End Volume (ft3)**	**Ending Depth (ft)**	**Volume Less than Maximum WS**	**Max WS**
1	Jan-1999	31	37,000	153,332	5.15	5.15	2.56	0.43	0.213	1,020,987	1.99	39,772	1,060,759	2.06	Yes	8.00
2	Feb-1999	28	37,000	138,493	3.95	3.95	0.03	0.33	0.003	1,060,759	2.06	-33,262	1,027,497	2.00	Yes	8.00
3	Mar-1999	31	37,000	153,332	3.67	3.67	3.98	0.31	0.332	1,027,497	2.00	166,984	1,194,480	2.32	Yes	8.00
4	Apr-1999	30	37,000	148,386	5.21	5.21	2.31	0.43	0.193	1,194,480	2.32	20,566	1,215,047	2.36	Yes	8.00
5	May-1999	31	37,000	153,332	5.65	5.65	4.81	0.47	0.401	1,215,047	2.36	116,173	1,331,220	2.59	Yes	8.00
6	June-1999	30	37,000	148,386	7.16	7.16	5.23	0.60	0.436	1,331,220	2.59	62,801	1,394,020	2.71	Yes	8.00
7	July-1999	31	37,000	153,332	10.43	10.43	0.58	0.87	0.048	1,394,020	2.71	-279,379	1,114,642	2.17	Yes	8.00
8	Aug-1999	31	37,000	153,332	9.94	9.94	0.87	0.83	0.073	1,114,642	2.17	-241,853	872,789	1.70	Yes	8.00
9	Sept-1999	30	37,000	148,386	7.29	7.29	0.70	0.61	0.058	872,789	1.70	-137,437	735,352	1.43	Yes	8.00
10	Oct-1999	31	37,000	153,332	6.14	6.14	1.46	0.51	0.122	735,352	1.43	-49,258	686,094	1.33	Yes	8.00
11	Nov-1999	30	37,000	148,386	4.80	4.80	0.06	0.40	0.005	686,094	1.33	-56,405	629,689	1.23	Yes	8.00
12	Dec-1999	31	37,000	153,332	4.84	4.84	0.47	0.40	0.039	629,689	1.23	-35,240	594,449	1.16	Yes	8.00
13	Jan-2000	31	37,000	153,332	6.29	6.29	0.40	0.52	0.033	594,449	1.16	-99,936	494,513	0.96	Yes	8.00
14	Feb-2000	28	37,000	138,493	2.39	2.39	0.58	0.20	0.048	494,513	0.96	60,472	554,985	1.08	Yes	8.00
15	Mar-2000	31	37,000	153,332	4.78	4.78	3.88	0.40	0.323	554,985	1.08	114,400	669,385	1.30	Yes	8.00
16	Apr-2000	30	37,000	148,386	5.12	5.12	2.27	0.43	0.189	669,385	1.30	24,970	694,355	1.35	Yes	8.00
17	May-2000	31	37,000	153,332	7.74	7.74	1.63	0.65	0.136	694,355	1.35	-110,231	584,124	1.14	Yes	8.00
18	June-2000	30	37,000	148,386	7.40	7.40	5.27	0.62	0.439	584,124	1.14	56,311	640,435	1.25	Yes	8.00
19	July-2000	31	37,000	153,332	10.04	10.04	0.69	0.84	0.058	640,435	1.25	-247,367	393,068	0.76	Yes	8.00
20	Aug-2000	31	37,000	153,332	12.36	12.36	0.00	1.03	0.000	393,068	0.76	153,332	546,400	1.06	Yes	8.00
21	Sept-2000	30	37,000	148,386	9.56	9.56	0.04	0.80	0.003	546,400	1.06	-258,085	288,316	0.56	Yes	8.00
22	Oct-2000	31	37,000	153,332	6.04	6.04	4.25	0.50	0.354	288,316	0.56	76,702	365,018	0.71	Yes	8.00
23	Nov-2000	30	37,000	148,386	2.30	2.30	4.24	0.19	0.353	365,018	0.71	232,114	597,132	1.16	Yes	8.00
24	Dec-2000	31	37,000	153,332	3.06	3.06	0.93	0.26	0.078	597,132	1.16	61,225	658,357	1.28	Yes	8.00
25	Jan-2001	31	37,000	153,332	1.48	1.48	1.89	0.12	0.158	658,357	1.28	171,165	829,522	1.61	Yes	8.00
26	Feb-2001	28	37,000	138,493	2.15	2.15	2.73	0.18	0.228	829,522	1.61	163,871	993,392	1.93	Yes	8.00
27	Mar-2001	31	37,000	153,332	2.67	2.67	3.28	0.22	0.273	993,392	1.93	180,176	1,173,568	2.28	Yes	8.00
28	Apr-2001	30	37,000	148,386	5.21	5.21	0.41	0.43	0.034	1,173,568	2.28	-62,441	1,111,127	2.16	Yes	8.00
29	May-2001	31	37,000	153,332	5.41	5.41	3.24	0.45	0.270	1,111,127	2.16	57,854	1,168,981	2.27	Yes	8.00
30	June-2001	30	37,000	148,386	9.04	9.04	0.62	0.75	0.052	1,168,981	2.27	-219,443	949,538	1.85	Yes	8.00
31	July-2001	31	37,000	153,332	11.76	11.76	0.10	0.98	0.008	949,538	1.85	-349,903	599,635	1.17	Yes	8.00
32	Aug-2001	31	37,000	153,332	8.63	8.63	1.56	0.72	0.130	599,635	1.17	-150,246	449,389	0.87	Yes	8.00
33	Sept-2001	30	37,000	148,386	5.64	5.64	2.45	0.47	0.204	449,389	0.87	11,362	460,751	0.90	Yes	8.00
34	Oct-2001	31	37,000	153,332	6.30	6.30	0.78	0.53	0.065	460,751	0.90	-83,105	377,646	0.73	Yes	8.00
35	Nov-2001	30	37,000	148,386	4.27	4.27	3.46	0.36	0.288	377,646	0.73	113,556	491,202	0.96	Yes	8.00
36	Dec-2001	31	37,000	153,332	2.58	2.58	0.73	0.22	0.061	491,202	0.96	73,586	564,788	1.10	Yes	8.00
37	Jan-2002	31	37,000	153,332	2.92	2.92	0.87	0.24	0.073	564,788	1.10	64,778	629,566	1.22	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
38	Feb-2002	28	37,000	138,493	2.89	2.89	0.98	0.24	0.082	629,566	1.22	55,783	685,350	1.33	Yes	8.00
39	Mar-2002	31	37,000	153,332	4.99	4.99	2.59	0.42	0.216	685,350	1.33	49,275	734,625	1.43	Yes	8.00
40	Apr-2002	30	37,000	148,386	4.94	4.94	3.65	0.41	0.304	734,625	1.43	92,268	826,893	1.61	Yes	8.00
41	May-2002	31	37,000	153,332	5.33	5.33	1.19	0.44	0.099	826,893	1.61	-26,576	800,317	1.56	Yes	8.00
42	June-2002	30	37,000	148,386	6.74	6.74	2.28	0.56	0.190	800,317	1.56	-45,156	755,161	1.47	Yes	8.00
43	July-2002	31	37,000	153,332	7.88	7.88	6.36	0.66	0.530	755,161	1.47	87,186	842,347	1.64	Yes	8.00
44	Aug-2002	31	37,000	153,332	8.68	8.68	1.07	0.72	0.089	842,347	1.64	-175,861	666,486	1.30	Yes	8.00
45	Sept-2002	30	37,000	148,386	6.12	6.12	1.06	0.51	0.088	666,486	1.30	-69,999	596,486	1.16	Yes	8.00
46	Oct-2002	31	37,000	153,332	3.62	3.62	5.22	0.30	0.435	596,486	1.16	222,898	819,385	1.59	Yes	8.00
47	Nov-2002	30	37,000	148,386	3.58	3.58	0.84	0.30	0.070	819,385	1.59	29,107	848,492	1.65	Yes	8.00
48	Dec-2002	31	37,000	153,332	2.74	2.74	2.65	0.23	0.221	848,492	1.65	149,395	997,887	1.94	Yes	8.00
49	Jan-2003	31	37,000	153,332	2.37	2.37	0.17	0.20	0.014	997,887	1.94	56,905	1,054,792	2.05	Yes	8.00
50	Feb-2003	28	37,000	138,493	2.07	2.07	0.63	0.17	0.053	1,054,792	2.05	75,190	1,129,982	2.20	Yes	8.00
51	Mar-2003	31	37,000	153,332	4.34	4.34	0.93	0.36	0.078	1,129,982	2.20	3,452	1,133,434	2.20	Yes	8.00
52	Apr-2003	30	37,000	148,386	6.42	6.42	1.41	0.54	0.118	1,133,434	2.20	-71,320	1,062,114	2.06	Yes	8.00
53	May-2003	31	37,000	153,332	5.45	5.45	2.18	0.45	0.182	1,062,114	2.06	9,931	1,072,046	2.08	Yes	8.00
54	June-2003	30	37,000	148,386	6.33	6.33	6.62	0.53	0.552	1,072,046	2.08	161,174	1,233,220	2.40	Yes	8.00
55	July-2003	31	37,000	153,332	9.78	9.78	0.04	0.82	0.003	1,233,220	2.40	-272,310	960,910	1.87	Yes	8.00
56	Aug-2003	31	37,000	153,332	8.93	8.93	1.94	0.74	0.162	960,910	1.87	-150,532	810,378	1.58	Yes	8.00
57	Sept-2003	30	37,000	148,386	5.85	5.85	1.55	0.49	0.129	810,378	1.58	-38,344	772,034	1.50	Yes	8.00
58	Oct-2003	31	37,000	153,332	6.05	6.05	0.17	0.50	0.014	772,034	1.50	-101,070	670,964	1.31	Yes	8.00
59	Nov-2003	30	37,000	148,386	4.06	4.06	1.39	0.34	0.116	670,964	1.31	32,724	703,688	1.37	Yes	8.00
60	Dec-2003	31	37,000	153,332	3.28	3.28	0.03	0.27	0.003	703,688	1.37	12,521	716,209	1.39	Yes	8.00
61	Jan-2004	31	37,000	153,332	2.27	2.27	1.38	0.19	0.115	716,209	1.39	114,622	830,831	1.62	Yes	8.00
62	Feb-2004	28	37,000	138,493	2.82	2.82	3.43	0.24	0.286	830,831	1.62	165,193	996,024	1.94	Yes	8.00
63	Mar-2004	31	37,000	153,332	4.60	4.60	1.97	0.38	0.164	996,024	1.94	38,118	1,034,142	2.01	Yes	8.00
64	Apr-2004	30	37,000	148,386	4.99	4.99	3.10	0.42	0.258	1,034,142	2.01	65,402	1,099,544	2.14	Yes	8.00
65	May-2004	31	37,000	153,332	6.50	6.50	0.88	0.54	0.073	1,099,544	2.14	-92,651	1,006,893	1.96	Yes	8.00
66	June-2004	30	37,000	148,386	5.86	5.86	5.97	0.49	0.498	1,006,893	1.96	153,225	1,160,117	2.25	Yes	8.00
67	July-2004	31	37,000	153,332	8.47	8.47	4.77	0.71	0.398	1,160,117	2.25	-9,379	1,150,738	2.24	Yes	8.00
68	Aug-2004	31	37,000	153,332	6.87	6.87	2.58	0.57	0.215	1,150,738	2.24	-35,128	1,115,611	2.17	Yes	8.00
69	Sept-2004	30	37,000	148,386	6.79	6.79	0.96	0.57	0.080	1,115,611	2.17	-106,833	1,008,777	1.96	Yes	8.00
70	Oct-2004	31	37,000	153,332	4.09	4.09	3.99	0.34	0.333	1,008,777	1.96	148,934	1,157,711	2.25	Yes	8.00
71	Nov-2004	30	37,000	148,386	2.91	2.91	7.49	0.24	0.624	1,157,711	2.25	352,225	1,509,936	2.93	Yes	8.00
72	Dec-2004	31	37,000	153,332	2.81	2.81	0.56	0.23	0.047	1,509,936	2.93	53,002	1,562,938	3.03	Yes	8.00
73	Jan-2005	31	37,000	153,332	2.36	2.36	1.28	0.20	0.107	1,562,938	3.03	105,015	1,667,953	3.23	Yes	8.00
74	Feb-2005	28	37,000	138,493	2.27	2.27	1.69	0.19	0.141	1,667,953	3.23	112,433	1,780,386	3.45	Yes	8.00
75	Mar-2005	31	37,000	153,332	4.39	4.39	1.36	0.37	0.113	1,780,386	3.45	17,167	1,797,553	3.48	Yes	8.00
76	Apr-2005	30	37,000	148,386	6.09	6.09	0.21	0.51	0.018	1,797,553	3.48	-114,900	1,682,653	3.26	Yes	8.00
77	May-2005	31	37,000	153,332	5.07	5.07	2.33	0.42	0.194	1,682,653	3.26	30,538	1,713,191	3.32	Yes	8.00
78	June-2005	30	37,000	148,386	8.26	8.26	2.55	0.69	0.213	1,713,191	3.32	-106,671	1,606,520	3.12	Yes	8.00
79	July-2005	31	37,000	153,332	8.42	8.42	3.82	0.70	0.318	1,606,520	3.12	-51,752	1,554,768	3.02	Yes	8.00
80	Aug-2005	31	37,000	153,332	7.19	7.19	8.18	0.60	0.682	1,554,768	3.02	197,753	1,752,521	3.40	Yes	8.00
81	Sept-2005	30	37,000	148,386	6.70	6.70	2.01	0.56	0.168	1,752,521	3.40	-61,689	1,690,832	3.28	Yes	8.00
82	Oct-2005	31	37,000	153,332	4.47	4.47	2.31	0.37	0.193	1,690,832	3.28	56,431	1,747,263	3.39	Yes	8.00
83	Nov-2005	30	37,000	148,386	5.26	5.26	0.01	0.44	0.001	1,747,263	3.39	-86,569	1,660,694	3.22	Yes	8.00
84	Dec-2005	31	37,000	153,332	3.67	3.67	0.11	0.31	0.009	1,660,694	3.22	-5,907	1,654,786	3.21	Yes	8.00
85	Jan-2006	31	37,000	153,332	5.26	5.26	0.43	0.44	0.036	1,654,786	3.21	-62,267	1,592,519	3.09	Yes	8.00
86	Feb-2006	28	37,000	138,493	3.76	3.76	0.77	0.31	0.064	1,592,519	3.09	4,935	1,597,454	3.10	Yes	8.00
87	Mar-2006	31	37,000	153,332	5.03	5.03	1.89	0.42	0.158	1,597,454	3.10	13,097	1,610,551	3.12	Yes	8.00
88	Apr-2006	30	37,000	148,386	6.37	6.37	1.65	0.53	0.138	1,610,551	3.12	-62,012	1,548,540	3.00	Yes	8.00
89	May-2006	31	37,000	153,332	7.05	7.05	3.23	0.59	0.269	1,548,540	3.00	-16,830	1,531,710	2.97	Yes	8.00
90	June-2006	30	37,000	148,386	8.95	8.95	1.07	0.75	0.089	1,531,710	2.97	-200,383	1,331,326	2.59	Yes	8.00
91	July-2006	31	37,000	153,332	10.26	10.26	0.88	0.86	0.073	1,331,326	2.59	-258,157	1,073,170	2.09	Yes	8.00
92	Aug-2006	31	37,000	153,332	9.93	9.93	1.68	0.83	0.140	1,073,170	2.09	-206,062	867,108	1.69	Yes	8.00
93	Sept-2006	30	37,000	148,386	6.83	6.83	2.99	0.57	0.249	867,108	1.69	-18,808	848,300	1.65	Yes	8.00
94	Oct-2006	31	37,000	153,332	5.94	5.94	5.76	0.50	0.480	848,300	1.65	145,459	993,759	1.93	Yes	8.00
95	Nov-2006	30	37,000	148,386	4.24	4.24	0.74	0.35	0.062	993,759	1.93	-4,699	989,060	1.92	Yes	8.00
96	Dec-2006	31	37,000	153,332	2.38	2.38	1.53	0.20	0.128	989,060	1.92	116,018	1,105,078	2.15	Yes	8.00
97	Jan-2007	31	37,000	153,332	2.36	2.36	1.72	0.20	0.143	1,105,078	2.15	125,114	1,230,191	2.39	Yes	8.00
98	Feb-2007	28	37,000	138,493	3.60	3.60	0.32	0.30	0.027	1,230,191	2.39	-6,176	1,224,016	2.38	Yes	8.00
99	Mar-2007	31	37,000	153,332	3.92	3.92	3.84	0.33	0.320	1,224,016	2.38	149,788	1,373,803	2.67	Yes	8.00
100	Apr-2007	30	37,000	148,386	4.39	4.39	2.44	0.37	0.203	1,373,803	2.67	61,794	1,435,597	2.79	Yes	8.00
101	May-2007	31	37,000	153,332	3.55	3.55	5.43	0.30	0.453	1,435,597	2.79	237,454	1,673,051	3.24	Yes	8.00
102	June-2007	30	37,000	148,386	5.27	5.27	8.85	0.44	0.738	1,673,051	3.24	310,211	1,983,261	3.84	Yes	8.00
103	July-2007	31	37,000	153,332	5.90	5.90	1.72	0.49	0.143	1,983,261	3.84	-35,485	1,947,777	3.77	Yes	8.00
104	Aug-2007	31	37,000	153,332	8.76	8.76	3.21	0.73	0.268	1,947,777	3.77	-96,552	1,851,224	3.59	Yes	8.00
105	Sept-2007	30	37,000	148,386	5.82	5.82	1.93	0.49	0.161	1,851,224	3.59	-26,638	1,824,587	3.53	Yes	8.00
106	Oct-2007	31	37,000	153,332	6.73	6.73	0.23	0.56	0.019	1,824,587	3.53	-137,716	1,686,871	3.27	Yes	8.00
107	Nov-2007	30	37,000	148,386	3.93	3.93	0.54	0.33	0.045	1,686,871	3.27	-3,407	1,683,465	3.26	Yes	8.00
108	Dec-2007	31	37,000	153,332	3.57	3.57	1.20	0.30	0.100	1,683,465	3.26	47,065	1,730,530	3.35	Yes	8.00
109	Jan-2008	31	37,000	153,332	2.53	2.53	0.02	0.21	0.002	1,730,530	3.35	40,632	1,771,162	3.43	Yes	8.00
110	Feb-2008	28	37,000	138,493	3.44	3.44	1.04	0.29	0.087	1,771,162	3.43	30,584	1,801,746	3.49	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
111	Mar-2008	31	37,000	153,332	5.43	5.43	2.21	0.45	0.184	1,801,746	3.49	8,554	1,810,300	3.51	Yes	8.00
112	Apr-2008	30	37,000	148,386	6.38	6.38	2.00	0.53	0.167	1,810,300	3.51	-48,277	1,762,022	3.41	Yes	8.00
113	May-2008	31	37,000	153,332	7.05	7.05	4.33	0.59	0.361	1,762,022	3.41	31,119	1,793,141	3.47	Yes	8.00
114	June-2008	30	37,000	148,386	9.95	9.95	2.67	0.83	0.223	1,793,141	3.47	-176,913	1,616,229	3.13	Yes	8.00
115	July-2008	31	37,000	153,332	9.95	9.95	0.85	0.83	0.071	1,616,229	3.13	-249,854	1,366,374	2.65	Yes	8.00
116	Aug-2008	31	37,000	153,332	7.93	7.93	2.18	0.66	0.182	1,366,374	2.65	-100,545	1,265,830	2.46	Yes	8.00
117	Sept-2008	30	37,000	148,386	5.89	5.89	2.76	0.49	0.230	1,265,830	2.46	10,140	1,275,970	2.48	Yes	8.00
118	Oct-2008	31	37,000	153,332	5.94	5.94	2.79	0.50	0.233	1,275,970	2.48	14,155	1,290,125	2.51	Yes	8.00
119	Nov-2008	30	37,000	148,386	3.92	3.92	0.04	0.33	0.003	1,290,125	2.51	-22,956	1,267,169	2.46	Yes	8.00
120	Dec-2008	31	37,000	153,332	3.09	3.09	0.05	0.26	0.004	1,267,169	2.46	19,038	1,286,208	2.50	Yes	8.00
121	Jan-2009	31	37,000	153,332	3.14	3.14	0.19	0.26	0.016	1,286,208	2.50	22,901	1,309,109	2.54	Yes	8.00
122	Feb-2009	28	37,000	138,493	4.31	4.31	0.48	0.36	0.040	1,309,109	2.54	-30,758	1,278,351	2.48	Yes	8.00
123	Mar-2009	31	37,000	153,332	6.19	6.19	0.78	0.52	0.065	1,278,351	2.48	-84,910	1,193,441	2.32	Yes	8.00
124	Apr-2009	30	37,000	148,386	6.74	6.74	3.15	0.56	0.263	1,193,441	2.32	-9,708	1,183,733	2.30	Yes	8.00
125	May-2009	31	37,000	153,332	4.64	4.64	2.80	0.39	0.233	1,183,733	2.30	72,134	1,255,867	2.44	Yes	8.00
126	June-2009	30	37,000	148,386	8.32	8.32	3.90	0.69	0.325	1,255,867	2.44	-46,429	1,209,438	2.35	Yes	8.00
127	July-2009	31	37,000	153,332	8.90	8.90	3.58	0.74	0.298	1,209,438	2.35	-80,457	1,128,981	2.19	Yes	8.00
128	Aug-2009	31	37,000	153,332	10.36	10.36	0.81	0.86	0.068	1,128,981	2.19	-262,621	866,360	1.69	Yes	8.00
129	Sept-2009	30	37,000	148,386	5.83	5.83	5.41	0.49	0.451	866,360	1.69	130,009	996,369	1.94	Yes	8.00
130	Oct-2009	31	37,000	153,332	3.43	3.43	3.55	0.29	0.296	996,369	1.94	158,609	1,154,978	2.24	Yes	8.00
131	Nov-2009	30	37,000	148,386	4.48	4.48	0.01	0.37	0.001	1,154,978	2.24	-47,913	1,107,065	2.15	Yes	8.00
132	Dec-2009	31	37,000	153,332	2.53	2.53	1.75	0.21	0.146	1,107,065	2.15	118,947	1,226,012	2.38	Yes	8.00
133	Jan-2010	31	37,000	153,332	1.96	1.96	2.75	0.16	0.229	1,226,012	2.38	188,376	1,414,389	2.75	Yes	8.00
134	Feb-2010	28	37,000	138,493	2.69	2.69	2.20	0.22	0.183	1,414,389	2.75	116,659	1,531,048	2.97	Yes	8.00
135	Mar-2010	31	37,000	153,332	4.83	4.83	2.05	0.40	0.171	1,531,048	2.97	29,390	1,560,437	3.03	Yes	8.00
136	Apr-2010	30	37,000	148,386	6.56	6.56	5.42	0.55	0.452	1,560,437	3.03	97,385	1,657,822	3.21	Yes	8.00
137	May-2010	31	37,000	153,332	5.57	5.57	3.50	0.46	0.292	1,657,822	3.21	60,565	1,718,387	3.33	Yes	8.00
138	June-2010	30	37,000	148,386	8.23	8.23	1.94	0.69	0.162	1,718,387	3.33	-132,384	1,586,002	3.08	Yes	8.00
139	July-2010	31	37,000	153,332	6.50	6.50	7.17	0.54	0.598	1,586,002	3.08	183,410	1,769,412	3.43	Yes	8.00
140	Aug-2010	31	37,000	153,332	9.53	9.53	1.51	0.79	0.126	1,769,412	3.43	-204,413	1,564,999	3.04	Yes	8.00
141	Sept-2010	30	37,000	148,386	6.05	6.05	4.81	0.50	0.401	1,564,999	3.04	92,911	1,657,910	3.21	Yes	8.00
142	Oct-2010	31	37,000	153,332	5.86	5.86	1.10	0.49	0.092	1,657,910	3.21	-59,179	1,598,731	3.10	Yes	8.00
143	Nov-2010	30	37,000	148,386	5.44	5.44	0.31	0.45	0.026	1,598,731	3.10	-80,090	1,518,640	2.95	Yes	8.00
144	Dec-2010	31	37,000	153,332	4.71	4.71	0.67	0.39	0.056	1,518,640	2.95	-26,412	1,492,229	2.90	Yes	8.00
145	Jan-2011	31	37,000	153,332	3.84	3.84	0.08	0.32	0.007	1,492,229	2.90	-13,867	1,478,362	2.87	Yes	8.00
146	Feb-2011	28	37,000	138,493	4.75	4.75	0.56	0.40	0.047	1,478,362	2.87	-47,633	1,430,728	2.78	Yes	8.00
147	Mar-2011	31	37,000	153,332	5.23	5.23	0.04	0.44	0.003	1,430,728	2.78	-76,497	1,354,231	2.63	Yes	8.00
148	Apr-2011	30	37,000	148,386	8.07	8.07	0.09	0.67	0.008	1,354,231	2.63	-202,665	1,151,566	2.24	Yes	8.00
149	May-2011	31	37,000	153,332	8.28	8.28	1.36	0.69	0.113	1,151,566	2.24	-149,498	1,002,068	1.95	Yes	8.00
150	June-2011	30	37,000	148,386	12.67	12.67	0.09	1.06	0.008	1,002,068	1.95	-394,843	607,225	1.18	Yes	8.00
151	July-2011	31	37,000	153,332	13.23	13.23	0.05	1.10	0.004	607,225	1.18	-407,614	199,611	0.39	Yes	8.00
152	Aug-2011	31	37,000	153,332	13.73	13.73	0.79	1.14	0.066	199,611	0.39	153,332	352,943	0.69	Yes	8.00
153	Sept-2011	30	37,000	148,386	8.39	8.39	0.49	0.70	0.041	352,943	0.69	-187,543	165,399	0.32	Yes	8.00
154	Oct-2011	31	37,000	153,332	6.85	6.85	3.94	0.57	0.328	165,399	0.32	29,503	194,903	0.38	Yes	8.00
155	Nov-2011	30	37,000	148,386	4.82	4.82	0.98	0.40	0.082	194,903	0.38	-14,988	179,914	0.35	Yes	8.00
156	Dec-2011	31	37,000	153,332	1.71	1.71	1.81	0.14	0.151	179,914	0.35	157,608	337,523	0.66	Yes	8.00
157	Jan-2012	31	37,000	153,332	2.79	2.79	1.31	0.23	0.109	337,523	0.66	89,839	427,361	0.83	Yes	8.00
158	Feb-2012	28	37,000	138,493	3.04	3.04	0.81	0.25	0.068	427,361	0.83	42,638	470,000	0.91	Yes	8.00
159	Mar-2012	31	37,000	153,332	4.91	4.91	1.68	0.41	0.140	470,000	0.91	14,492	484,492	0.94	Yes	8.00
160	Apr-2012	30	37,000	148,386	6.75	6.75	0.76	0.56	0.063	484,492	0.94	-108,183	376,309	0.73	Yes	8.00
161	May-2012	31	37,000	153,332	7.43	7.43	2.44	0.62	0.203	376,309	0.73	-59,912	316,397	0.61	Yes	8.00
162	June-2012	30	37,000	148,386	8.59	8.59	2.51	0.72	0.209	316,397	0.61	-110,473	205,923	0.40	Yes	8.00
163	July-2012	31	37,000	153,332	11.06	11.06	1.37	0.92	0.114	205,923	0.40	153,332	359,255	0.70	Yes	8.00
164	Aug-2012	31	37,000	153,332	9.87	9.87	2.29	0.82	0.191	359,255	0.70	-169,161	190,094	0.37	Yes	8.00
165	Sept-2012	30	37,000	148,386	7.84	7.84	4.14	0.65	0.345	190,094	0.37	-9,032	181,062	0.35	Yes	8.00
166	Oct-2012	31	37,000	153,332	5.31	5.31	0.73	0.44	0.061	181,062	0.35	153,332	334,394	0.65	Yes	8.00
167	Nov-2012	30	37,000	148,386	4.88	4.88	0.06	0.41	0.005	334,394	0.65	-57,338	277,056	0.54	Yes	8.00
168	Dec-2012	31	37,000	153,332	3.46	3.46	0.28	0.29	0.023	277,056	0.54	17,533	294,589	0.57	Yes	8.00
169	Jan-2013	31	37,000	153,332	3.59	3.59	1.10	0.30	0.092	294,589	0.57	46,829	341,418	0.66	Yes	8.00
170	Feb-2013	28	37,000	138,493	3.44	3.44	2.01	0.29	0.168	341,418	0.66	77,134	418,552	0.81	Yes	8.00
171	Mar-2013	31	37,000	153,332	6.24	6.24	0.29	0.52	0.024	418,552	0.81	-100,937	317,615	0.62	Yes	8.00
172	Apr-2013	30	37,000	148,386	6.05	6.05	1.57	0.50	0.131	317,615	0.62	-42,827	274,788	0.53	Yes	8.00
173	May-2013	31	37,000	153,332	7.42	7.42	0.96	0.62	0.080	274,788	0.53	153,332	428,120	0.83	Yes	8.00
174	June-2013	30	37,000	148,386	10.42	10.42	4.63	0.87	0.386	428,120	0.83	-99,177	328,943	0.64	Yes	8.00
175	July-2013	31	37,000	153,332	9.27	9.27	4.84	0.77	0.403	328,943	0.64	-35,847	293,096	0.57	Yes	8.00
176	Aug-2013	31	37,000	153,332	9.52	9.52	1.49	0.79	0.124	293,096	0.57	153,332	446,428	0.87	Yes	8.00
177	Sept-2013	30	37,000	148,386	8.08	8.08	2.13	0.67	0.178	446,428	0.87	-106,154	340,274	0.66	Yes	8.00
178	Oct-2013	31	37,000	153,332	5.45	5.45	0.85	0.45	0.071	340,274	0.66	-43,107	297,167	0.58	Yes	8.00
179	Nov-2013	30	37,000	148,386	4.66	4.66	0.61	0.39	0.051	297,167	0.58	-24,474	272,693	0.53	Yes	8.00
180	Dec-2013	31	37,000	153,332	2.39	2.39	1.08	0.20	0.090	272,693	0.53	97,241	369,934	0.72	Yes	8.00
181	Jan-2014	31	37,000	153,332	3.43	3.43	0.02	0.29	0.002	369,934	0.72	7,298	377,232	0.73	Yes	8.00
182	Feb-2014	28	37,000	138,493	2.33	2.33	0.46	0.19	0.038	377,232	0.73	58,212	435,444	0.85	Yes	8.00
183	Mar-2014	31	37,000	153,332	4.69	4.69	0.50	0.39	0.042	435,444	0.85	-26,328	409,116	0.80	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
184	Apr-2014	30	37,000	148,386	6.75	6.75	1.21	0.56	0.101	409,116	0.80	-88,446	320,670	0.62	Yes	8.00
185	May-2014	31	37,000	153,332	7.07	7.07	2.83	0.59	0.236	320,670	0.62	-27,701	292,969	0.57	Yes	8.00
186	June-2014	30	37,000	148,386	7.89	7.89	4.26	0.66	0.355	292,969	0.57	-6,603	286,366	0.56	Yes	8.00
187	July-2014	31	37,000	153,332	8.02	8.02	2.55	0.67	0.213	286,366	0.56	-79,556	206,810	0.40	Yes	8.00
188	Aug-2014	31	37,000	153,332	8.64	8.64	2.48	0.72	0.207	206,810	0.40	153,332	360,142	0.70	Yes	8.00
189	Sept-2014	30	37,000	148,386	6.54	6.54	2.27	0.55	0.189	360,142	0.70	-34,187	325,955	0.63	Yes	8.00
190	Oct-2014	31	37,000	153,332	6.99	6.99	1.62	0.58	0.135	325,955	0.63	-75,623	250,332	0.49	Yes	8.00
191	Nov-2014	30	37,000	148,386	3.58	3.58	2.45	0.30	0.204	250,332	0.49	100,028	350,360	0.68	Yes	8.00
192	Dec-2014	31	37,000	153,332	2.11	2.11	0.64	0.18	0.053	350,360	0.68	90,245	440,605	0.86	Yes	8.00
193	Jan-2015	31	37,000	153,332	1.81	1.81	1.66	0.15	0.138	440,605	0.86	146,862	587,466	1.14	Yes	8.00
194	Feb-2015	28	37,000	138,493	2.42	2.42	0.97	0.20	0.081	587,466	1.14	75,758	663,225	1.29	Yes	8.00
195	Mar-2015	31	37,000	153,332	4.42	4.42	1.56	0.37	0.130	663,225	1.29	29,505	692,730	1.35	Yes	8.00
196	Apr-2015	30	37,000	148,386	4.64	4.64	3.64	0.39	0.303	692,730	1.35	104,930	797,660	1.55	Yes	8.00
197	May-2015	31	37,000	153,332	3.50	3.50	10.38	0.29	0.865	797,660	1.55	456,837	1,254,497	2.44	Yes	8.00
198	June-2015	30	37,000	148,386	6.44	6.44	3.96	0.54	0.330	1,254,497	2.44	38,773	1,293,270	2.51	Yes	8.00
199	July-2015	31	37,000	153,332	8.74	8.74	3.40	0.73	0.283	1,293,270	2.51	-81,991	1,211,279	2.35	Yes	8.00
200	Aug-2015	31	37,000	153,332	9.11	9.11	1.28	0.76	0.107	1,211,279	2.35	-189,501	1,021,778	1.99	Yes	8.00
201	Sept-2015	30	37,000	148,386	8.08	8.08	0.65	0.67	0.054	1,021,778	1.99	-175,116	846,662	1.65	Yes	8.00
202	Oct-2015	31	37,000	153,332	6.32	6.32	5.50	0.53	0.458	846,662	1.65	117,498	964,159	1.87	Yes	8.00
203	Nov-2015	30	37,000	148,386	4.04	4.04	3.98	0.34	0.332	964,159	1.87	145,751	1,109,910	2.16	Yes	8.00
204	Dec-2015	31	37,000	153,332	3.10	3.10	3.00	0.26	0.250	1,109,910	2.16	148,918	1,258,829	2.45	Yes	8.00
205	Jan-2016	31	37,000	153,332	2.30	2.30	0.26	0.19	0.022	1,258,829	2.45	63,104	1,321,933	2.57	Yes	8.00
206	Feb-2016	28	37,000	138,493	3.97	3.97	1.28	0.33	0.107	1,321,933	2.57	19,372	1,341,305	2.60	Yes	8.00
207	Mar-2016	31	37,000	153,332	5.10	5.10	1.04	0.43	0.087	1,341,305	2.60	-26,208	1,315,097	2.55	Yes	8.00
208	Apr-2016	30	37,000	148,386	4.59	4.59	4.10	0.38	0.342	1,315,097	2.55	126,627	1,441,723	2.80	Yes	8.00
209	May-2016	31	37,000	153,332	5.07	5.07	4.78	0.42	0.398	1,441,723	2.80	140,394	1,582,117	3.07	Yes	8.00
210	June-2016	30	37,000	148,386	4.92	4.92	2.71	0.41	0.226	1,582,117	3.07	49,600	1,631,718	3.16	Yes	8.00
211	July-2016	31	37,000	153,332	9.89	9.89	1.81	0.82	0.151	1,631,718	3.16	-205,346	1,426,372	2.77	Yes	8.00
212	Aug-2016	31	37,000	153,332	8.11	8.11	3.70	0.68	0.308	1,426,372	2.77	-42,160	1,384,211	2.69	Yes	8.00
213	Sept-2016	30	37,000	148,386	5.72	5.72	5.75	0.48	0.479	1,384,211	2.69	149,722	1,533,934	2.98	Yes	8.00
214	Oct-2016	31	37,000	153,332	5.53	5.53	2.17	0.46	0.181	1,533,934	2.98	3,635	1,537,569	2.98	Yes	8.00
215	Nov-2016	30	37,000	148,386	3.89	3.89	2.71	0.32	0.226	1,537,569	2.98	95,641	1,633,210	3.17	Yes	8.00
216	Dec-2016	31	37,000	153,332	2.63	2.63	1.21	0.22	0.101	1,633,210	3.17	89,672	1,722,882	3.34	Yes	8.00
217	Jan-2017	31	37,000	153,332	3.02	3.02	1.53	0.25	0.128	1,722,882	3.34	86,350	1,809,232	3.51	Yes	8.00
218	Feb-2017	28	37,000	138,493	3.82	3.82	1.51	0.32	0.126	1,809,232	3.51	34,470	1,843,702	3.57	Yes	8.00
219	Mar-2017	31	37,000	153,332	5.49	5.49	1.76	0.46	0.147	1,843,702	3.57	-14,464	1,829,238	3.54	Yes	8.00
220	Apr-2017	30	37,000	148,386	5.32	5.32	1.04	0.44	0.087	1,829,238	3.54	-43,920	1,785,318	3.46	Yes	8.00
221	May-2017	31	37,000	153,332	6.77	6.77	2.48	0.56	0.207	1,785,318	3.46	-39,157	1,746,161	3.38	Yes	8.00
222	June-2017	30	37,000	148,386	7.02	7.02	3.40	0.59	0.283	1,746,161	3.38	-13,957	1,732,203	3.36	Yes	8.00
223	July-2017	31	37,000	153,332	9.57	9.57	2.47	0.80	0.206	1,732,203	3.36	-163,375	1,568,828	3.04	Yes	8.00
224	Aug-2017	31	37,000	153,332	6.61	6.61	3.91	0.55	0.326	1,568,828	3.04	32,790	1,601,618	3.11	Yes	8.00
225	Sept-2017	30	37,000	148,386	6.54	6.54	4.09	0.55	0.341	1,601,618	3.11	38,835	1,640,453	3.18	Yes	8.00
226	Oct-2017	31	37,000	153,332	6.13	6.13	0.76	0.51	0.063	1,640,453	3.18	-86,081	1,554,371	3.02	Yes	8.00
227	Nov-2017	30	37,000	148,386	4.08	4.08	0.36	0.34	0.030	1,554,371	3.02	-17,379	1,536,993	2.98	Yes	8.00
228	Dec-2017	31	37,000	153,332	2.46	2.46	0.25	0.21	0.021	1,536,993	2.98	54,700	1,591,693	3.09	Yes	8.00
229	Jan-2018	31	37,000	153,332	3.23	3.23	0.13	0.27	0.011	1,591,693	3.09	14,884	1,606,577	3.12	Yes	8.00
230	Feb-2018	28	37,000	138,493	3.04	3.04	1.17	0.25	0.098	1,606,577	3.12	54,790	1,661,367	3.22	Yes	8.00
231	Mar-2018	31	37,000	153,332	1.58	1.58	1.56	0.13	0.130	1,661,367	3.22	152,433	1,813,800	3.51	Yes	8.00
232	Apr-2018	30	37,000	148,386	6.14	6.14	0.41	0.51	0.034	1,813,800	3.51	-108,405	1,705,394	3.31	Yes	8.00
233	May-2018	31	37,000	153,332	7.56	7.56	3.69	0.63	0.308	1,705,394	3.31	-19,953	1,685,441	3.27	Yes	8.00
234	June-2018	30	37,000	148,386	11.05	11.05	1.95	0.92	0.163	1,685,441	3.27	-255,781	1,429,660	2.77	Yes	8.00
235	July-2018	31	37,000	153,332	10.36	10.36	1.76	0.86	0.147	1,429,660	2.77	-225,587	1,204,073	2.34	Yes	8.00
236	Aug-2018	31	37,000	153,332	7.93	7.93	1.78	0.66	0.148	1,204,073	2.34	-116,555	1,087,518	2.11	Yes	8.00
237	Sept-2018	30	37,000	148,386	4.27	4.27	7.88	0.36	0.657	1,087,518	2.11	308,442	1,395,960	2.71	Yes	8.00
238	Oct-2018	31	37,000	153,332	2.59	2.59	9.41	0.22	0.784	1,395,960	2.71	460,238	1,856,199	3.60	Yes	8.00
239	Nov-2018	30	37,000	148,386	3.31	3.31	1.36	0.28	0.113	1,856,199	3.60	60,392	1,916,591	3.71	Yes	8.00
240	Dec-2018	31	37,000	153,332	2.48	2.48	2.47	0.21	0.206	1,916,591	3.71	152,879	2,069,470	4.00	Yes	8.00
241	Jan-2019	31	37,000	153,332	2.20	2.20	0.80	0.18	0.067	2,069,470	4.00	89,668	2,159,137	4.18	Yes	8.00
242	Feb-2019	28	37,000	138,493	2.46	2.46	0.19	0.21	0.016	2,159,137	4.18	35,072	2,194,209	4.24	Yes	8.00
243	Mar-2019	31	37,000	153,332	1.03	1.03	1.50	0.09	0.125	2,194,209	4.24	174,848	2,369,057	4.58	Yes	8.00
244	Apr-2019	30	37,000	148,386	5.41	5.41	4.04	0.45	0.337	2,369,057	4.58	85,466	2,454,523	4.74	Yes	8.00
245	May-2019	31	37,000	153,332	4.20	4.20	6.87	0.35	0.573	2,454,523	4.74	277,003	2,731,525	5.27	Yes	8.00
246	June-2019	30	37,000	148,386	6.47	6.47	3.95	0.54	0.329	2,731,525	5.27	31,485	2,763,010	5.33	Yes	8.00
247	July-2019	31	37,000	153,332	9.24	9.24	1.25	0.77	0.104	2,763,010	5.33	-214,875	2,548,135	4.92	Yes	8.00
248	Aug-2019	31	37,000	153,332	7.50	7.50	0.46	0.63	0.038	2,548,135	4.92	-169,279	2,378,857	4.60	Yes	8.00
249	Sept-2019	30	37,000	148,386	2.61	2.61	2.67	0.22	0.223	2,378,857	4.60	151,148	2,530,005	4.88	Yes	8.00
250	Oct-2019	31	37,000	153,332	6.06	6.06	0.24	0.51	0.020	2,530,005	4.88	-113,645	2,416,360	4.67	Yes	8.00
251	Nov-2019	30	37,000	148,386	3.20	3.20	2.51	0.27	0.209	2,416,360	4.67	116,615	2,532,975	4.89	Yes	8.00
252	Dec-2019	31	37,000	153,332	2.73	2.73	0.35	0.23	0.029	2,532,975	4.89	43,597	2,576,573	4.97	Yes	8.00
253	Jan-2020	31	37,000	153,332	2.51	2.51	2.29	0.21	0.191	2,576,573	4.97	143,144	2,719,716	5.24	Yes	8.00
254	Feb-2020	28	37,000	138,493	2.73	2.73	1.75	0.23	0.146	2,719,716	5.24	92,955	2,812,671	5.42	Yes	8.00
255	Mar-2020	31	37,000	153,332	3.47	3.47	4.70	0.29	0.392	2,812,671	5.42	210,846	3,023,517	5.82	Yes	8.00
256	Apr-2020	30	37,000	148,386	4.59	4.59	0.65	0.38	0.054	3,023,517	5.82	-35,752	2,987,765	5.75	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
257	May-2020	31	37,000	153,332	5.97	5.97	3.49	0.50	0.291	2,987,765	5.75	37,331	3,025,096	5.82	Yes	8.00
258	June-2020	30	37,000	148,386	9.03	9.03	2.96	0.75	0.247	3,025,096	5.82	-134,438	2,890,658	5.57	Yes	8.00
259	July-2020	31	37,000	153,332	8.38	8.38	1.60	0.70	0.133	2,890,658	5.57	-160,921	2,729,737	5.26	Yes	8.00
260	Aug-2020	31	37,000	153,332	9.72	9.72	0.90	0.81	0.075	2,729,737	5.26	-252,158	2,477,580	4.78	Yes	8.00
261	Sept-2020	30	37,000	148,386	4.71	4.71	5.88	0.39	0.490	2,477,580	4.78	202,496	2,680,076	5.17	Yes	8.00
262	Oct-2020	31	37,000	153,332	4.48	4.48	1.76	0.37	0.147	2,680,076	5.17	27,388	2,707,464	5.22	Yes	8.00
263	Nov-2020	30	37,000	148,386	4.03	4.03	1.32	0.34	0.110	2,707,464	5.22	22,799	2,730,262	5.26	Yes	8.00
264	Dec-2020	31	37,000	153,332	3.19	3.19	0.75	0.27	0.063	2,730,262	5.26	40,142	2,770,404	5.34	Yes	8.00
265	Jan-2021	31	37,000	153,332	2.22	2.22	1.58	0.19	0.132	2,770,404	5.34	123,527	2,893,932	5.57	Yes	8.00
266	Feb-2021	28	37,000	138,493	2.02	2.02	0.34	0.17	0.028	2,893,932	5.57	60,071	2,954,002	5.69	Yes	8.00
267	Mar-2021	31	37,000	153,332	4.88	4.88	0.90	0.41	0.075	2,954,002	5.69	-32,236	2,921,766	5.63	Yes	8.00
268	Apr-2021	30	37,000	148,386	3.28	3.28	4.23	0.27	0.353	2,921,766	5.63	192,942	3,114,708	5.99	Yes	8.00
269	May-2021	31	37,000	153,332	4.39	4.39	4.95	0.37	0.413	3,114,708	5.99	179,743	3,294,451	6.33	Yes	8.00
270	June-2021	30	37,000	148,386	4.98	4.98	4.84	0.42	0.403	3,294,451	6.33	141,752	3,436,203	6.60	Yes	8.00
271	July-2021	31	37,000	153,332	6.96	6.96	2.45	0.58	0.204	3,436,203	6.60	-60,046	3,376,157	6.49	Yes	8.00
272	Aug-2021	31	37,000	153,332	8.21	8.21	1.60	0.68	0.133	3,376,157	6.49	-157,884	3,218,273	6.19	Yes	8.00
273	Sept-2021	30	37,000	148,386	8.23	8.23	0.46	0.69	0.038	3,218,273	6.19	-215,054	3,003,218	5.78	Yes	8.00
274	Oct-2021	31	37,000	153,332	6.32	6.32	1.30	0.53	0.108	3,003,218	5.78	-80,766	2,922,453	5.63	Yes	8.00
275	Nov-2021	30	37,000	148,386	4.09	4.09	0.57	0.34	0.048	2,922,453	5.63	-15,679	2,906,774	5.60	Yes	8.00
276	Dec-2021	31	37,000	153,332	3.83	3.83	0.12	0.32	0.010	2,906,774	5.60	-19,472	2,887,302	5.56	Yes	8.00
277	Jan-2022	31	37,000	153,332	2.85	2.85	0.21	0.24	0.018	2,887,302	5.56	30,283	2,917,585	5.62	Yes	8.00
278	Feb-2022	28	37,000	138,493	2.46	2.46	1.15	0.21	0.096	2,917,585	5.62	77,249	2,994,834	5.77	Yes	8.00
279	Mar-2022	31	37,000	153,332	5.46	5.46	0.56	0.46	0.047	2,994,834	5.77	-75,170	2,919,665	5.62	Yes	8.00
280	Apr-2022	30	37,000	148,386	1.71	1.71	1.63	0.14	0.136	2,919,665	5.62	144,639	3,064,304	5.90	Yes	8.00
281	May-2022	31	37,000	153,332	8.25	8.25	2.78	0.69	0.232	3,064,304	5.90	-102,095	2,962,209	5.70	Yes	8.00
282	June-2022	30	37,000	148,386	9.07	9.07	2.68	0.76	0.223	2,962,209	5.70	-148,594	2,813,615	5.42	Yes	8.00
283	July-2022	31	37,000	153,332	11.23	11.23	1.42	0.94	0.118	2,813,615	5.42	-298,286	2,515,329	4.86	Yes	8.00
284	Aug-2022	31	37,000	153,332	10.14	10.14	3.12	0.85	0.260	2,515,329	4.86	-168,033	2,347,296	4.54	Yes	8.00
285	Sept-2022	30	37,000	148,386	8.58	8.58	0.62	0.72	0.052	2,347,296	4.54	-213,530	2,133,766	4.13	Yes	8.00
286	Oct-2022	31	37,000	153,332	5.99	5.99	3.16	0.50	0.263	2,133,766	4.13	24,617	2,158,383	4.17	Yes	8.00
287	Nov-2022	30	37,000	148,386	3.72	3.72	1.75	0.31	0.146	2,158,383	4.17	58,617	2,217,000	4.29	Yes	8.00
288	Dec-2022	31	37,000	153,332	2.41	2.41	1.08	0.20	0.090	2,217,000	4.29	92,550	2,309,550	4.46	Yes	8.00
289	Jan-2023	31	37,000	153,332	2.84	2.84	0.78	0.24	0.065	2,309,550	4.46	59,012	2,368,562	4.58	Yes	8.00
290	Feb-2023	28	37,000	138,493	2.80	2.80	1.63	0.23	0.136	2,368,562	4.58	84,741	2,453,303	4.74	Yes	8.00
291	Mar-2023	31	37,000	153,332	3.97	3.97	2.33	0.33	0.194	2,453,303	4.74	77,832	2,531,135	4.89	Yes	8.00
292	Apr-2023	30	37,000	148,386	4.52	4.52	1.44	0.38	0.120	2,531,135	4.89	6,521	2,537,656	4.90	Yes	8.00
293	May-2023	31	37,000	153,332	3.88	3.88	4.88	0.32	0.407	2,537,656	4.90	199,666	2,737,322	5.28	Yes	8.00
294	June-2023	30	37,000	148,386	6.03	6.03	2.40	0.50	0.200	2,737,322	5.28	-19,779	2,717,543	5.24	Yes	8.00
295	July-2023	31	37,000	153,332	9.37	9.37	2.45	0.78	0.204	2,717,543	5.24	-165,565	2,551,978	4.93	Yes	8.00
296	Aug-2023	31	37,000	153,332	11.70	11.70	0.19	0.98	0.016	2,551,978	4.93	-370,887	2,181,091	4.22	Yes	8.00
297	Sept-2023	30	37,000	148,386	8.02	8.02	2.13	0.67	0.178	2,181,091	4.22	-118,726	2,062,365	3.99	Yes	8.00
298	Oct-2023	31	37,000	153,332	5.79	5.79	4.72	0.48	0.393	2,062,365	3.99	104,658	2,167,022	4.19	Yes	8.00
299	Nov-2023	30	37,000	148,386	3.05	3.05	0.11	0.25	0.009	2,167,022	4.19	14,553	2,181,576	4.22	Yes	8.00
300	Dec-2023	31	37,000	153,332	2.85	2.85	2.13	0.24	0.178	2,181,576	4.22	120,439	2,302,014	4.45	Yes	8.00
301	Jan-2024	31	37,000	153,332	2.02	2.02	2.45	0.17	0.204	2,302,014	4.45	173,087	2,475,102	4.78	Yes	8.00
302	Feb-2024	28	37,000	138,493	3.54	3.54	1.60	0.30	0.133	2,475,102	4.78	49,167	2,524,269	4.87	Yes	8.00
303	Mar-2024	31	37,000	153,332	4.04	4.04	1.59	0.34	0.133	2,524,269	4.87	40,428	2,564,697	4.95	Yes	8.00
304	Apr-2024	30	37,000	148,386	5.07	5.07	4.58	0.42	0.382	2,564,697	4.95	125,713	2,690,409	5.19	Yes	8.00
305	May-2024	31	37,000	153,332	5.25	5.25	5.60	0.44	0.467	2,690,409	5.19	169,612	2,860,022	5.51	Yes	8.00
306	June-2024	30	37,000	148,386	7.75	7.75	5.23	0.65	0.436	2,860,022	5.51	31,009	2,891,031	5.57	Yes	8.00
307	July-2024	31	37,000	153,332	9.40	9.40	1.94	0.78	0.162	2,891,031	5.57	-192,088	2,698,943	5.20	Yes	8.00
308	Aug-2024	31	37,000	153,332	11.00	11.00	0.22	0.92	0.018	2,698,943	5.20	-340,413	2,358,530	4.56	Yes	8.00
309	Sept-2024	30	37,000	148,386	6.65	6.65	2.36	0.55	0.197	2,358,530	4.56	-47,770	2,310,760	4.47	Yes	8.00

Evaporation Lagoon Design Calculation - 50-year AVERAGE

Vadelay THM - Haskell County, TX

DO NOT CHANGE GREEN VALUES, SEE 50YRAVE TAB

Input Values in red

Bottom width of lagoon (Wo)	1000	ft
Bottom Length of lagoon (Lo)	510	ft
Lagoon width at initial water depth	1012	ft
Lagoon Length at initial water depth	522	
Surface Area at Top of lagoon Dike (AT)	604,200	ft^2
Surface Area at bottom of lagoon (Ao)	510,000	ft^2
Water surface area at max. water depth (A2)	584,784	ft^2
Water surface area at the initial water depth	528,264	ft^2
Interior Dike Slope	3	to 1
Minimum Water Depth	0	ft
Maximum Water Depth	8	ft
Lagoon Freeboard	2	ft
Total Depth of lagoon	10	ft
Initial depth of water	2	ft
Initial Lagoon Volume	1,020,987	ft^3

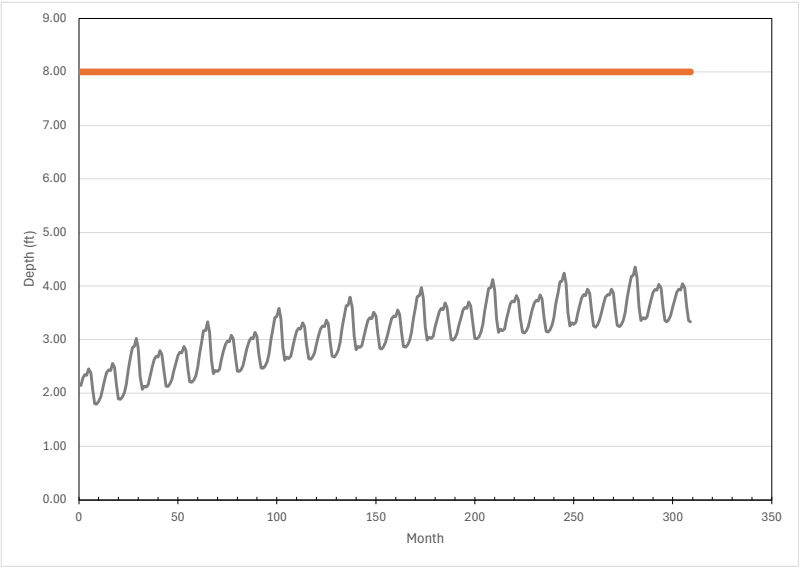
Volume = H/6 {A_o+4*A1+Ai}
Ao =(Lo*Wo)
A1= {Lo+(slope *H)}*{Wo+(slope *H)}

Net Volume Change = Q +Vprec-Vevap

A_T = Surface area at top of the lagoon
Ai = Surface area at the water depth
Ve = Monthly Evaporation volume
Vp = Monthly Precipitation volume
A1 = Water Surface Area at Average Water Depth
Ao = Water Surface Area at Bottom of lagoon
H = Lagoon Water Depth

	Bottom	Max WS	Top Berm	
Surface Area	510,000	584,784	604,200	ft^2
	11.71	13.42	13.87	acre
Length	1,000	1,048	1,060	ft
Width	510	558	570	ft
Lagoon Volume	0	4,179,954	5,257,302	ft^3
Lagoon Volume	0	31,268,143	39,327,248	gal

Production	37,000	gal/day
Water Usage	365	Days/year
Flow	13,505,000	Gal/Yr
Salinity Evap. Correction	1.00000	



Equations Reference:	*1*	*2*	*3*	*4*	*5*	*6*	*7*	*8*	*9*	*10*	*11*	*12*	*13.00*	*14*	*15*
Month	**Month**	**No. Days per month**	**Gal per day**	**Monthly Flow (Q) (cf)**	**Pure Water Pan Evap. (in/month)**	**Salinity Monthly Evap. (in)**	**Monthly Precip. (in)**	**Monthly Evaporation (ft)**	**Monthly Precipitation (ft)**	**Starting Volume (ft3)**	**Starting Depth (ft)**	**Net Volume Inflow (Q + Precip - Evap) (ft3)**	**End Volume (ft3)**	**Ending Depth (ft)**	**Volume Less than Maximum WS**	**Max WS**
1	Jan-1999	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,020,987	1.99	81,170	1,102,157	2.14	Yes	8.00
2	Feb-1999	28	37,000	138,493	2.97	2.97	1.43	0.247222222	0.119	1,102,157	2.14	70,886	1,173,043	2.28	Yes	8.00
3	Mar-1999	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,173,043	2.28	30,632	1,203,675	2.34	Yes	8.00
4	Apr-1999	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,203,675	2.34	-5,090	1,198,585	2.33	Yes	8.00
5	May-1999	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,198,585	2.33	63,692	1,262,277	2.45	Yes	8.00
6	June-1999	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,262,277	2.45	-35,048	1,227,229	2.38	Yes	8.00
7	July-1999	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,227,229	2.38	-170,090	1,057,139	2.06	Yes	8.00
8	Aug-1999	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,057,139	2.06	-130,715	926,424	1.80	Yes	8.00
9	Sept-1999	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	926,424	1.80	-5,224	921,200	1.79	Yes	8.00
10	Oct-1999	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	921,200	1.79	24,393	945,592	1.84	Yes	8.00
11	Nov-1999	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	945,592	1.84	43,308	988,901	1.92	Yes	8.00
12	Dec-1999	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	988,901	1.92	81,904	1,070,804	2.08	Yes	8.00
13	Jan-2000	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,070,804	2.08	81,056	1,151,860	2.24	Yes	8.00
14	Feb-2000	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,151,860	2.24	70,768	1,222,629	2.38	Yes	8.00
15	Mar-2000	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,222,629	2.38	30,419	1,253,047	2.43	Yes	8.00
16	Apr-2000	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,253,047	2.43	-5,331	1,247,716	2.42	Yes	8.00
17	May-2000	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,247,716	2.42	63,552	1,311,268	2.55	Yes	8.00
18	June-2000	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,311,268	2.55	-35,367	1,275,901	2.48	Yes	8.00
19	July-2000	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,275,901	2.48	-170,655	1,105,246	2.15	Yes	8.00
20	Aug-2000	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,105,246	2.15	-131,163	974,083	1.89	Yes	8.00
21	Sept-2000	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	974,083	1.89	-5,466	968,617	1.88	Yes	8.00
22	Oct-2000	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	968,617	1.88	24,189	992,806	1.93	Yes	8.00
23	Nov-2000	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	992,806	1.93	43,143	1,035,949	2.01	Yes	8.00
24	Dec-2000	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,035,949	2.01	81,791	1,117,740	2.17	Yes	8.00
25	Jan-2001	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,117,740	2.17	134,342	1,252,082	2.43	Yes	8.00
26	Feb-2001	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,252,082	2.43	106,645	1,358,728	2.64	Yes	8.00
27	Mar-2001	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	1,358,728	2.64	110,203	1,468,931	2.85	Yes	8.00
28	Apr-2001	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	1,468,931	2.85	9,962	1,478,893	2.87	Yes	8.00
29	May-2001	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	1,478,893	2.87	79,900	1,558,793	3.02	Yes	8.00
30	June-2001	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	1,558,793	3.02	-96,661	1,462,133	2.84	Yes	8.00
31	July-2001	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	1,462,133	2.84	-274,241	1,187,891	2.31	Yes	8.00
32	Aug-2001	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,187,891	2.31	-125,438	1,062,453	2.07	Yes	8.00
33	Sept-2001	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,062,453	2.07	31,002	1,093,455	2.13	Yes	8.00
34	Oct-2001	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,093,455	2.13	-9,267	1,084,188	2.11	Yes	8.00
35	Nov-2001	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,084,188	2.11	23,163	1,107,352	2.15	Yes	8.00
36	Dec-2001	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,107,352	2.15	92,920	1,200,271	2.33	Yes	8.00
37	Jan-2002	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,200,271	2.33	80,741	1,281,012	2.49	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
38	Feb-2002	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,281,012	2.49	70,473	1,351,486	2.62	Yes	8.00
39	Mar-2002	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,351,486	2.62	29,905	1,381,390	2.68	Yes	8.00
40	Apr-2002	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,381,390	2.68	-6,000	1,375,390	2.67	Yes	8.00
41	May-2002	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,375,390	2.67	63,161	1,438,551	2.79	Yes	8.00
42	June-2002	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,438,551	2.79	-36,135	1,402,417	2.72	Yes	8.00
43	July-2002	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,402,417	2.72	-172,013	1,230,404	2.39	Yes	8.00
44	Aug-2002	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,230,404	2.39	-132,358	1,098,046	2.13	Yes	8.00
45	Sept-2002	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,098,046	2.13	-6,113	1,091,933	2.12	Yes	8.00
46	Oct-2002	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,091,933	2.12	23,647	1,115,580	2.17	Yes	8.00
47	Nov-2002	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,115,580	2.17	42,701	1,158,281	2.25	Yes	8.00
48	Dec-2002	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,158,281	2.25	81,491	1,239,772	2.41	Yes	8.00
49	Jan-2003	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,239,772	2.41	80,640	1,320,412	2.56	Yes	8.00
50	Feb-2003	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,320,412	2.56	70,391	1,390,803	2.70	Yes	8.00
51	Mar-2003	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,390,803	2.70	29,733	1,420,536	2.76	Yes	8.00
52	Apr-2003	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,420,536	2.76	-6,215	1,414,321	2.75	Yes	8.00
53	May-2003	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,414,321	2.75	63,036	1,477,357	2.87	Yes	8.00
54	June-2003	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,477,357	2.87	-36,391	1,440,966	2.80	Yes	8.00
55	July-2003	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,440,966	2.80	-172,466	1,268,500	2.46	Yes	8.00
56	Aug-2003	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,268,500	2.46	-132,707	1,135,793	2.21	Yes	8.00
57	Sept-2003	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,135,793	2.21	-6,329	1,129,464	2.20	Yes	8.00
58	Oct-2003	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,129,464	2.20	23,466	1,152,930	2.24	Yes	8.00
59	Nov-2003	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,152,930	2.24	42,572	1,195,502	2.32	Yes	8.00
60	Dec-2003	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,195,502	2.32	81,404	1,276,906	2.48	Yes	8.00
61	Jan-2004	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,276,906	2.48	134,240	1,411,146	2.74	Yes	8.00
62	Feb-2004	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,411,146	2.74	106,473	1,517,620	2.94	Yes	8.00
63	Mar-2004	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	1,517,620	2.94	109,979	1,627,598	3.16	Yes	8.00
64	Apr-2004	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	1,627,598	3.16	9,218	1,636,816	3.17	Yes	8.00
65	May-2004	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	1,636,816	3.17	79,519	1,716,335	3.33	Yes	8.00
66	June-2004	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	1,716,335	3.33	-97,979	1,618,356	3.14	Yes	8.00
67	July-2004	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	1,618,356	3.14	-276,478	1,341,878	2.61	Yes	8.00
68	Aug-2004	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,341,878	2.61	-126,900	1,214,978	2.36	Yes	8.00
69	Sept-2004	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,214,978	2.36	30,408	1,245,385	2.42	Yes	8.00
70	Oct-2004	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,245,385	2.42	-10,091	1,235,294	2.40	Yes	8.00
71	Nov-2004	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,235,294	2.40	22,529	1,257,823	2.44	Yes	8.00
72	Dec-2004	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,257,823	2.44	92,614	1,350,438	2.62	Yes	8.00
73	Jan-2005	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,350,438	2.62	80,374	1,430,812	2.78	Yes	8.00
74	Feb-2005	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,430,812	2.78	70,131	1,500,943	2.91	Yes	8.00
75	Mar-2005	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,500,943	2.91	29,283	1,530,225	2.97	Yes	8.00
76	Apr-2005	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,530,225	2.97	-6,778	1,523,447	2.96	Yes	8.00
77	May-2005	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,523,447	2.96	62,707	1,586,154	3.08	Yes	8.00
78	June-2005	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,586,154	3.08	-37,064	1,549,090	3.01	Yes	8.00
79	July-2005	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,549,090	3.01	-173,657	1,375,433	2.67	Yes	8.00
80	Aug-2005	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,375,433	2.67	-133,756	1,241,678	2.41	Yes	8.00
81	Sept-2005	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,241,678	2.41	-6,869	1,234,809	2.40	Yes	8.00
82	Oct-2005	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,234,809	2.40	23,013	1,257,822	2.44	Yes	8.00
83	Nov-2005	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,257,822	2.44	42,203	1,300,025	2.52	Yes	8.00
84	Dec-2005	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,300,025	2.52	81,154	1,381,178	2.68	Yes	8.00
85	Jan-2006	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,381,178	2.68	80,298	1,461,477	2.84	Yes	8.00
86	Feb-2006	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,461,477	2.84	70,060	1,531,536	2.97	Yes	8.00
87	Mar-2006	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,531,536	2.97	29,154	1,560,690	3.03	Yes	8.00
88	Apr-2006	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,560,690	3.03	-6,940	1,553,750	3.01	Yes	8.00
89	May-2006	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,553,750	3.01	62,629	1,616,379	3.13	Yes	8.00
90	June-2006	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,616,379	3.13	-37,225	1,579,155	3.06	Yes	8.00
91	July-2006	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,579,155	3.06	-173,941	1,405,214	2.73	Yes	8.00
92	Aug-2006	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,405,214	2.73	-134,055	1,271,158	2.47	Yes	8.00
93	Sept-2006	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,271,158	2.47	-7,031	1,264,127	2.46	Yes	8.00
94	Oct-2006	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,264,127	2.46	22,877	1,287,004	2.50	Yes	8.00
95	Nov-2006	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,287,004	2.50	42,092	1,329,097	2.58	Yes	8.00
96	Dec-2006	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,329,097	2.58	81,078	1,410,175	2.74	Yes	8.00
97	Jan-2007	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,410,175	2.74	134,154	1,544,328	3.00	Yes	8.00
98	Feb-2007	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,544,328	3.00	106,329	1,650,658	3.20	Yes	8.00
99	Mar-2007	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	1,650,658	3.20	109,784	1,760,441	3.41	Yes	8.00
100	Apr-2007	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	1,760,441	3.41	8,616	1,769,057	3.43	Yes	8.00
101	May-2007	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	1,769,057	3.43	79,187	1,848,245	3.58	Yes	8.00
102	June-2007	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	1,848,245	3.58	-99,044	1,749,201	3.39	Yes	8.00
103	July-2007	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	1,749,201	3.39	-278,346	1,470,854	2.85	Yes	8.00
104	Aug-2007	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,470,854	2.85	-128,072	1,342,783	2.61	Yes	8.00
105	Sept-2007	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,342,783	2.61	29,894	1,372,676	2.67	Yes	8.00
106	Oct-2007	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,372,676	2.67	-10,803	1,361,874	2.64	Yes	8.00
107	Nov-2007	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,361,874	2.64	22,003	1,383,877	2.69	Yes	8.00
108	Dec-2007	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,383,877	2.69	92,350	1,476,227	2.86	Yes	8.00
109	Jan-2008	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,476,227	2.86	80,070	1,556,297	3.02	Yes	8.00
110	Feb-2008	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,556,297	3.02	69,846	1,626,144	3.15	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
111	Mar-2008	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,626,144	3.15	28,767	1,654,910	3.21	Yes	8.00
112	Apr-2008	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,654,910	3.21	-7,424	1,647,487	3.19	Yes	8.00
113	May-2008	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,647,487	3.19	62,346	1,709,833	3.31	Yes	8.00
114	June-2008	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,709,833	3.31	-37,803	1,672,030	3.24	Yes	8.00
115	July-2008	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,672,030	3.24	-174,964	1,497,067	2.90	Yes	8.00
116	Aug-2008	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,497,067	2.90	-134,906	1,362,161	2.64	Yes	8.00
117	Sept-2008	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,362,161	2.64	-7,491	1,354,670	2.63	Yes	8.00
118	Oct-2008	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,354,670	2.63	22,491	1,377,161	2.67	Yes	8.00
119	Nov-2008	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,377,161	2.67	41,778	1,418,939	2.75	Yes	8.00
120	Dec-2008	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,418,939	2.75	80,865	1,499,804	2.91	Yes	8.00
121	Jan-2009	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,499,804	2.91	80,007	1,579,811	3.06	Yes	8.00
122	Feb-2009	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,579,811	3.06	69,799	1,649,610	3.20	Yes	8.00
123	Mar-2009	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,649,610	3.20	28,659	1,678,269	3.25	Yes	8.00
124	Apr-2009	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,678,269	3.25	-7,531	1,670,738	3.24	Yes	8.00
125	May-2009	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,670,738	3.24	62,268	1,733,006	3.36	Yes	8.00
126	June-2009	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,733,006	3.36	-37,964	1,695,042	3.29	Yes	8.00
127	July-2009	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,695,042	3.29	-175,248	1,519,794	2.95	Yes	8.00
128	Aug-2009	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,519,794	2.95	-135,156	1,384,638	2.69	Yes	8.00
129	Sept-2009	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,384,638	2.69	-7,626	1,377,012	2.67	Yes	8.00
130	Oct-2009	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,377,012	2.67	22,400	1,399,412	2.72	Yes	8.00
131	Nov-2009	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,399,412	2.72	41,686	1,441,098	2.80	Yes	8.00
132	Dec-2009	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,441,098	2.80	80,802	1,521,900	2.95	Yes	8.00
133	Jan-2010	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,521,900	2.95	134,084	1,655,984	3.21	Yes	8.00
134	Feb-2010	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,655,984	3.21	106,212	1,762,197	3.41	Yes	8.00
135	Mar-2010	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	1,762,197	3.41	109,626	1,871,822	3.63	Yes	8.00
136	Apr-2010	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	1,871,822	3.63	8,086	1,879,908	3.64	Yes	8.00
137	May-2010	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	1,879,908	3.64	78,919	1,958,827	3.79	Yes	8.00
138	June-2010	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	1,958,827	3.79	-99,940	1,858,887	3.60	Yes	8.00
139	July-2010	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	1,858,887	3.60	-279,918	1,578,969	3.06	Yes	8.00
140	Aug-2010	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,578,969	3.06	-129,099	1,449,869	2.81	Yes	8.00
141	Sept-2010	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,449,869	2.81	29,482	1,479,352	2.87	Yes	8.00
142	Oct-2010	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,479,352	2.87	-11,373	1,467,978	2.85	Yes	8.00
143	Nov-2010	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,467,978	2.85	21,542	1,489,520	2.89	Yes	8.00
144	Dec-2010	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,489,520	2.89	92,139	1,581,659	3.07	Yes	8.00
145	Jan-2011	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,581,659	3.07	79,804	1,661,463	3.22	Yes	8.00
146	Feb-2011	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,661,463	3.22	69,609	1,731,072	3.36	Yes	8.00
147	Mar-2011	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,731,072	3.36	28,315	1,759,387	3.41	Yes	8.00
148	Apr-2011	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,759,387	3.41	-7,962	1,751,424	3.39	Yes	8.00
149	May-2011	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,751,424	3.39	62,032	1,813,457	3.51	Yes	8.00
150	June-2011	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,813,457	3.51	-38,446	1,775,010	3.44	Yes	8.00
151	July-2011	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,775,010	3.44	-176,102	1,598,909	3.10	Yes	8.00
152	Aug-2011	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,598,909	3.10	-135,908	1,463,001	2.84	Yes	8.00
153	Sept-2011	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,463,001	2.84	-8,033	1,454,969	2.82	Yes	8.00
154	Oct-2011	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,454,969	2.82	22,059	1,477,027	2.87	Yes	8.00
155	Nov-2011	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,477,027	2.87	41,408	1,518,436	2.95	Yes	8.00
156	Dec-2011	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,518,436	2.95	80,614	1,599,049	3.10	Yes	8.00
157	Jan-2012	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,599,049	3.10	79,766	1,678,815	3.25	Yes	8.00
158	Feb-2012	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,678,815	3.25	69,573	1,748,388	3.39	Yes	8.00
159	Mar-2012	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,748,388	3.39	28,250	1,776,638	3.44	Yes	8.00
160	Apr-2012	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,776,638	3.44	-8,043	1,768,595	3.43	Yes	8.00
161	May-2012	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,768,595	3.43	61,969	1,830,565	3.55	Yes	8.00
162	June-2012	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,830,565	3.55	-38,575	1,791,990	3.47	Yes	8.00
163	July-2012	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,791,990	3.47	-176,273	1,615,717	3.13	Yes	8.00
164	Aug-2012	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,615,717	3.13	-136,058	1,479,659	2.87	Yes	8.00
165	Sept-2012	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,479,659	2.87	-8,114	1,471,545	2.86	Yes	8.00
166	Oct-2012	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,471,545	2.86	21,968	1,493,513	2.90	Yes	8.00
167	Nov-2012	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,493,513	2.90	41,352	1,534,865	2.98	Yes	8.00
168	Dec-2012	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,534,865	2.98	80,576	1,615,442	3.13	Yes	8.00
169	Jan-2013	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,615,442	3.13	134,024	1,749,466	3.39	Yes	8.00
170	Feb-2013	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,749,466	3.39	106,112	1,855,578	3.59	Yes	8.00
171	Mar-2013	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	1,855,578	3.59	109,490	1,965,068	3.80	Yes	8.00
172	Apr-2013	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	1,965,068	3.80	7,675	1,972,744	3.82	Yes	8.00
173	May-2013	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	1,972,744	3.82	78,689	2,051,432	3.97	Yes	8.00
174	June-2013	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	2,051,432	3.97	-100,710	1,950,723	3.78	Yes	8.00
175	July-2013	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	1,950,723	3.78	-281,268	1,669,455	3.24	Yes	8.00
176	Aug-2013	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,669,455	3.24	-129,981	1,539,474	2.99	Yes	8.00
177	Sept-2013	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,539,474	2.99	29,111	1,568,585	3.04	Yes	8.00
178	Oct-2013	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,568,585	3.04	-11,859	1,556,726	3.02	Yes	8.00
179	Nov-2013	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,556,726	3.02	21,168	1,577,894	3.06	Yes	8.00
180	Dec-2013	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,577,894	3.06	91,959	1,669,853	3.24	Yes	8.00
181	Jan-2014	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,669,853	3.24	79,588	1,749,441	3.39	Yes	8.00
182	Feb-2014	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,749,441	3.39	69,407	1,818,848	3.52	Yes	8.00
183	Mar-2014	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,818,848	3.52	27,970	1,846,817	3.58	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
184	Apr-2014	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,846,817	3.58	-8,421	1,838,397	3.56	Yes	8.00
185	May-2014	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,838,397	3.56	61,765	1,900,161	3.68	Yes	8.00
186	June-2014	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,900,161	3.68	-38,994	1,861,168	3.60	Yes	8.00
187	July-2014	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,861,168	3.60	-177,014	1,684,154	3.26	Yes	8.00
188	Aug-2014	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,684,154	3.26	-136,710	1,547,444	3.00	Yes	8.00
189	Sept-2014	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,547,444	3.00	-8,467	1,538,977	2.99	Yes	8.00
190	Oct-2014	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,538,977	2.99	21,672	1,560,649	3.03	Yes	8.00
191	Nov-2014	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,560,649	3.03	41,112	1,601,761	3.11	Yes	8.00
192	Dec-2014	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,601,761	3.11	80,413	1,682,173	3.26	Yes	8.00
193	Jan-2015	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,682,173	3.26	79,563	1,761,736	3.41	Yes	8.00
194	Feb-2015	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,761,736	3.41	69,383	1,831,119	3.55	Yes	8.00
195	Mar-2015	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,831,119	3.55	27,905	1,859,024	3.60	Yes	8.00
196	Apr-2015	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,859,024	3.60	-8,475	1,850,549	3.58	Yes	8.00
197	May-2015	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,850,549	3.58	61,733	1,912,282	3.70	Yes	8.00
198	June-2015	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,912,282	3.70	-39,058	1,873,224	3.63	Yes	8.00
199	July-2015	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,873,224	3.63	-177,185	1,696,039	3.29	Yes	8.00
200	Aug-2015	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,696,039	3.29	-136,861	1,559,179	3.02	Yes	8.00
201	Sept-2015	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,559,179	3.02	-8,521	1,550,658	3.01	Yes	8.00
202	Oct-2015	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,550,658	3.01	21,626	1,572,284	3.05	Yes	8.00
203	Nov-2015	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,572,284	3.05	41,074	1,613,358	3.13	Yes	8.00
204	Dec-2015	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,613,358	3.13	80,387	1,693,746	3.28	Yes	8.00
205	Jan-2016	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,693,746	3.28	133,974	1,827,720	3.54	Yes	8.00
206	Feb-2016	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,827,720	3.54	106,029	1,933,748	3.74	Yes	8.00
207	Mar-2016	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	1,933,748	3.74	109,377	2,043,126	3.95	Yes	8.00
208	Apr-2016	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	2,043,126	3.95	7,313	2,050,439	3.97	Yes	8.00
209	May-2016	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	2,050,439	3.97	78,497	2,128,935	4.12	Yes	8.00
210	June-2016	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	2,128,935	4.12	-101,352	2,027,584	3.92	Yes	8.00
211	July-2016	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	2,027,584	3.92	-282,319	1,745,265	3.38	Yes	8.00
212	Aug-2016	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,745,265	3.38	-130,668	1,614,597	3.13	Yes	8.00
213	Sept-2016	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,614,597	3.13	28,822	1,643,419	3.19	Yes	8.00
214	Oct-2016	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,643,419	3.19	-12,288	1,631,131	3.16	Yes	8.00
215	Nov-2016	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,631,131	3.16	20,860	1,651,991	3.20	Yes	8.00
216	Dec-2016	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,651,991	3.20	91,810	1,743,802	3.38	Yes	8.00
217	Jan-2017	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,743,802	3.38	79,410	1,823,212	3.53	Yes	8.00
218	Feb-2017	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,823,212	3.53	69,240	1,892,452	3.67	Yes	8.00
219	Mar-2017	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,892,452	3.67	27,646	1,920,098	3.72	Yes	8.00
220	Apr-2017	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,920,098	3.72	-8,799	1,911,299	3.70	Yes	8.00
221	May-2017	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,911,299	3.70	61,544	1,972,843	3.82	Yes	8.00
222	June-2017	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,972,843	3.82	-39,445	1,933,397	3.74	Yes	8.00
223	July-2017	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,933,397	3.74	-177,812	1,755,585	3.40	Yes	8.00
224	Aug-2017	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,755,585	3.40	-137,413	1,618,172	3.14	Yes	8.00
225	Sept-2017	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,618,172	3.14	-8,847	1,609,325	3.12	Yes	8.00
226	Oct-2017	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,609,325	3.12	21,376	1,630,701	3.16	Yes	8.00
227	Nov-2017	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,630,701	3.16	40,870	1,671,571	3.24	Yes	8.00
228	Dec-2017	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,671,571	3.24	80,249	1,751,820	3.40	Yes	8.00
229	Jan-2018	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,751,820	3.40	79,384	1,831,204	3.55	Yes	8.00
230	Feb-2018	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,831,204	3.55	69,216	1,900,421	3.68	Yes	8.00
231	Mar-2018	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,900,421	3.68	27,624	1,928,045	3.73	Yes	8.00
232	Apr-2018	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,928,045	3.73	-8,826	1,919,219	3.72	Yes	8.00
233	May-2018	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,919,219	3.72	61,513	1,980,732	3.83	Yes	8.00
234	June-2018	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	1,980,732	3.83	-39,478	1,941,254	3.76	Yes	8.00
235	July-2018	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,941,254	3.76	-177,926	1,763,328	3.42	Yes	8.00
236	Aug-2018	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,763,328	3.42	-137,514	1,625,814	3.15	Yes	8.00
237	Sept-2018	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,625,814	3.15	-8,874	1,616,940	3.14	Yes	8.00
238	Oct-2018	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,616,940	3.14	21,330	1,638,270	3.18	Yes	8.00
239	Nov-2018	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,638,270	3.18	40,833	1,679,103	3.26	Yes	8.00
240	Dec-2018	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,679,103	3.26	80,224	1,759,327	3.41	Yes	8.00
241	Jan-2019	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,759,327	3.41	133,931	1,893,257	3.67	Yes	8.00
242	Feb-2019	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,893,257	3.67	105,956	1,999,214	3.87	Yes	8.00
243	Mar-2019	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	1,999,214	3.87	109,279	2,108,493	4.08	Yes	8.00
244	Apr-2019	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	2,108,493	4.08	6,998	2,115,491	4.09	Yes	8.00
245	May-2019	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	2,115,491	4.09	78,343	2,193,834	4.24	Yes	8.00
246	June-2019	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	2,193,834	4.24	-101,866	2,091,968	4.05	Yes	8.00
247	July-2019	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	2,091,968	4.05	-283,296	1,808,672	3.50	Yes	8.00
248	Aug-2019	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,808,672	3.50	-131,257	1,677,415	3.25	Yes	8.00
249	Sept-2019	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,677,415	3.25	28,574	1,705,989	3.31	Yes	8.00
250	Oct-2019	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,705,989	3.31	-12,631	1,693,358	3.28	Yes	8.00
251	Nov-2019	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,693,358	3.28	20,596	1,713,954	3.32	Yes	8.00
252	Dec-2019	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,713,954	3.32	91,683	1,805,637	3.50	Yes	8.00
253	Jan-2020	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,805,637	3.50	79,257	1,884,894	3.65	Yes	8.00
254	Feb-2020	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,884,894	3.65	69,097	1,953,991	3.78	Yes	8.00
255	Mar-2020	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,953,991	3.78	27,408	1,981,399	3.84	Yes	8.00
256	Apr-2020	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,981,399	3.84	-9,123	1,972,276	3.82	Yes	8.00

Month	Month	No. Days per month	Gal per day	Monthly Flow (Q) (cf)	Pure Water Pan Evap. (in/month)	Salinity Monthly Evap. (in)	Monthly Precip. (in)	Monthly Evaporation (ft)	Monthly Precipitation (ft)	Starting Volume (ft3)	Starting Depth (ft)	Net Volume Inflow (Q + Precip - Evap) (ft3)	End Volume (ft3)	Ending Depth (ft)	Volume Less than Maximum WS	Max WS
257	May-2020	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,972,276	3.82	61,355	2,033,631	3.94	Yes	8.00
258	June-2020	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	2,033,631	3.94	-39,833	1,993,798	3.86	Yes	8.00
259	July-2020	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,993,798	3.86	-178,498	1,815,300	3.52	Yes	8.00
260	Aug-2020	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,815,300	3.52	-138,016	1,677,284	3.25	Yes	8.00
261	Sept-2020	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,677,284	3.25	-9,146	1,668,138	3.23	Yes	8.00
262	Oct-2020	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,668,138	3.23	21,125	1,689,263	3.27	Yes	8.00
263	Nov-2020	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,689,263	3.27	40,666	1,729,929	3.35	Yes	8.00
264	Dec-2020	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,729,929	3.35	80,110	1,810,039	3.51	Yes	8.00
265	Jan-2021	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,810,039	3.51	79,244	1,889,283	3.66	Yes	8.00
266	Feb-2021	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,889,283	3.66	69,085	1,958,369	3.79	Yes	8.00
267	Mar-2021	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	1,958,369	3.79	27,386	1,985,755	3.84	Yes	8.00
268	Apr-2021	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	1,985,755	3.84	-9,123	1,976,632	3.83	Yes	8.00
269	May-2021	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	1,976,632	3.83	61,339	2,037,971	3.94	Yes	8.00
270	June-2021	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	2,037,971	3.94	-39,833	1,998,138	3.87	Yes	8.00
271	July-2021	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	1,998,138	3.87	-178,555	1,819,584	3.53	Yes	8.00
272	Aug-2021	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,819,584	3.53	-138,067	1,681,517	3.26	Yes	8.00
273	Sept-2021	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,681,517	3.26	-9,173	1,672,344	3.24	Yes	8.00
274	Oct-2021	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,672,344	3.24	21,102	1,693,446	3.28	Yes	8.00
275	Nov-2021	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,693,446	3.28	40,647	1,734,093	3.36	Yes	8.00
276	Dec-2021	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,734,093	3.36	80,098	1,814,191	3.51	Yes	8.00
277	Jan-2022	31	37,000	153,332	1.48	1.48	1.05	0.12	0.087	1,814,191	3.51	133,897	1,948,088	3.77	Yes	8.00
278	Feb-2022	28	37,000	138,493	2.15	2.15	1.43	0.18	0.119	1,948,088	3.77	105,900	2,053,988	3.97	Yes	8.00
279	Mar-2022	31	37,000	153,332	2.67	2.67	1.70	0.22	0.142	2,053,988	3.97	109,204	2,163,192	4.18	Yes	8.00
280	Apr-2022	30	37,000	148,386	5.21	5.21	2.10	0.43	0.175	2,163,192	4.18	6,756	2,169,948	4.20	Yes	8.00
281	May-2022	31	37,000	153,332	5.41	5.41	3.76	0.45	0.314	2,169,948	4.20	78,202	2,248,150	4.35	Yes	8.00
282	June-2022	30	37,000	148,386	9.04	9.04	3.53	0.75	0.294	2,248,150	4.35	-102,338	2,145,812	4.15	Yes	8.00
283	July-2022	31	37,000	153,332	11.76	11.76	2.05	0.98	0.171	2,145,812	4.15	-284,048	1,861,764	3.61	Yes	8.00
284	Aug-2022	31	37,000	153,332	8.63	8.63	2.27	0.72	0.189	1,861,764	3.61	-131,798	1,729,967	3.35	Yes	8.00
285	Sept-2022	30	37,000	148,386	5.64	5.64	2.97	0.47	0.247	1,729,967	3.35	28,367	1,758,334	3.41	Yes	8.00
286	Oct-2022	31	37,000	153,332	6.30	6.30	2.59	0.53	0.216	1,758,334	3.41	-12,918	1,745,416	3.38	Yes	8.00
287	Nov-2022	30	37,000	148,386	4.27	4.27	1.42	0.36	0.118	1,745,416	3.38	20,375	1,765,791	3.42	Yes	8.00
288	Dec-2022	31	37,000	153,332	2.58	2.58	1.21	0.22	0.101	1,765,791	3.42	91,577	1,857,368	3.60	Yes	8.00
289	Jan-2023	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,857,368	3.60	79,130	1,936,498	3.75	Yes	8.00
290	Feb-2023	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,936,498	3.75	68,978	2,005,476	3.88	Yes	8.00
291	Mar-2023	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	2,005,476	3.88	27,192	2,032,667	3.93	Yes	8.00
292	Apr-2023	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	2,032,667	3.93	-9,367	2,023,301	3.92	Yes	8.00
293	May-2023	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	2,023,301	3.92	61,197	2,084,498	4.03	Yes	8.00
294	June-2023	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	2,084,498	4.03	-40,124	2,044,374	3.96	Yes	8.00
295	July-2023	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	2,044,374	3.96	-179,069	1,865,305	3.61	Yes	8.00
296	Aug-2023	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,865,305	3.61	-138,469	1,726,836	3.35	Yes	8.00
297	Sept-2023	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,726,836	3.35	-9,418	1,717,418	3.33	Yes	8.00
298	Oct-2023	31	37,000	153,332	5.55	5.55	2.59	0.46	0.216	1,717,418	3.33	20,896	1,738,314	3.37	Yes	8.00
299	Nov-2023	30	37,000	148,386	3.82	3.82	1.42	0.32	0.118	1,738,314	3.37	40,480	1,778,794	3.45	Yes	8.00
300	Dec-2023	31	37,000	153,332	2.84	2.84	1.21	0.24	0.101	1,778,794	3.45	79,984	1,858,778	3.60	Yes	8.00
301	Jan-2024	31	37,000	153,332	2.69	2.69	1.05	0.22	0.087	1,858,778	3.60	79,130	1,937,908	3.75	Yes	8.00
302	Feb-2024	28	37,000	138,493	2.97	2.97	1.43	0.25	0.119	1,937,908	3.75	68,978	2,006,886	3.88	Yes	8.00
303	Mar-2024	31	37,000	153,332	4.48	4.48	1.70	0.37	0.142	2,006,886	3.88	27,192	2,034,078	3.94	Yes	8.00
304	Apr-2024	30	37,000	148,386	5.58	5.58	2.10	0.47	0.175	2,034,078	3.94	-9,394	2,024,684	3.92	Yes	8.00
305	May-2024	31	37,000	153,332	5.79	5.79	3.76	0.48	0.314	2,024,684	3.92	61,197	2,085,881	4.04	Yes	8.00
306	June-2024	30	37,000	148,386	7.69	7.69	3.53	0.64	0.294	2,085,881	4.04	-40,156	2,045,725	3.96	Yes	8.00
307	July-2024	31	37,000	153,332	9.43	9.43	2.05	0.79	0.171	2,045,725	3.96	-179,069	1,866,656	3.62	Yes	8.00
308	Aug-2024	31	37,000	153,332	8.78	8.78	2.27	0.73	0.189	1,866,656	3.62	-138,520	1,728,137	3.35	Yes	8.00
309	Sept-2024	30	37,000	148,386	6.49	6.49	2.97	0.54	0.247	1,728,137	3.35	-9,418	1,718,719	3.33	Yes	8.00