# 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

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# Portada de Paquete Administrativo

**Este archivo contiene los siguientes documentos:**

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

**ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS**
**Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.*

Lavon Sanders Discharge, LLC (N/A) proposes to operate Pecan Hill Wastewater Treatment Facility (N/A), a Wastewater Treatment Facility. The facility will be located at approximately 0.70 miles northwest from the intersection of Farm Road 983 and Brushy Creek Rd., in City of Red Oak, Ellis County, Texas 75154. The design of the WWTP will be used to treat municipal wastewater at a volume not to exceed an annual average flow of 530,000 gallons per day for approximately 1,200 single family homes. The discharge route will be from the plant to Brushy Creek thence to Red Oak Creek and thence to Trinity River.

Discharges from the facility are expected to contain Biochemical Oxygen Demand, Total Suspended Solids, Ammonia Nitrogen, Total Phosphorus, and Dissolved Oxygen.. Raw wastewater will be treated by entering the headworks screen, split into a total of 6 Aeration Basins, 3 Clarifiers, 4 Aerobic Digesters, and 2 Chlorine Contact Basins then to the outfall. will be treated by Chlorine Contact.

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

**AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES**

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

Lavon Sanders Discharge, LLC (N/A) propone operar Instalación de tratamiento de aguas residuales de Pecan Hill N/A, una tratamiento de aguas residuales. La instalación estará ubicada en se encuentra aproximadamente 0.70 millas al suroeste de la interacción de la granja a la carretera 983 y la carretera Brushy Creek Rd, en Ciudad Red Oak , Condado de Ellis, Texas 75154. El diseño de la planta permitirá tartar aguas residuales municipales a un volumen que no exceda un flujo promedio anual de 530,000 galones por día de aproximadamente 1,200 viviendas unifamiliares.

Se espera que las descargas de la instalación contengan Demanda Bioquímica de Oxígeno, Solidos Suspendidos Totales, Nitrógeno Amoniacal, Fosforo Total y Oxígeno Disuelto. Las aguas residuales crudas serán tratadas ingresando a la briba de cabecera, divididas en un total de 6 Cuencas de Aireación. 3 clarificadores, 4 Digestores Aeróbicos, y 2 de Contacto de Cloro Cuencas luego hasta el emisario serán tratados con cloro contacto . La ruta de descarga será desde la planta hasta Parker Creek y luego hasta Emerson Lake. está tratado por contacto con cloro.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

**PROPOSED/ PERMIT NO. WQ0016848001**

**APPLICATION.** Lavon Sanders Discharge LLC, 14160 Dallas Parkway, Floor 5, Dallas, Texas 75254, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016848001 (EPA I.D. No. TX0148181) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 530,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.70 mile northwest of the intersection of Farm-to-Market Road 983 and Brushy Creek Road, near the city of Red Oak, in Ellis County, Texas 75154. The discharge route will be from the plant site to Brushy Creek; thence to Red Oak Creek; thence to the Upper Trinity River. TCEQ received this application on July 14, 2025. The permit application will be available for viewing and copying at Ennis Public Library, 105 West Brown Street, Ennis, in Ellis County, Texas and prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.76503,32.493211&level=18

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

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

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

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

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

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

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

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

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

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

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

Further information may also be obtained from Lavon Sanders Discharge LLC at the address stated above or by calling Mr. Christopher Connolly, P.E., Professional Engineer/Kimley-Horn and Associates, Inc., at 469-221-9829.

Issuance Date: August 5, 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. WQ0016848001**

**SOLICITUD.** Lavon Sanders Discharge, LLC, 14160 Dallas Parkway, Floor 5, Dallas, Texas 75254, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016848001 (EPA I.D. No. TX 0148181) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 530,000 galones por día. La planta estará ubicada aproximadamente 0.70 millas noroeste de la intersección de Farm-to-Market camino 983 y Brushy Creek Camino en la ciudad de Red Oak en el Condado de Ellis, Texas 75154. La ruta de descarga será desde el sitio de la planta hasta Brushy Creek; de ahí a Red Oak Creek; de ahí al río Trinity Superior. TCEQ recibió esta solicitud el Julio 14, 2025. La solicitud de permiso estará disponible para su visualización y copia en la Biblioteca Pública de Ennis, 105 West Brown Street, Ennis, en el Condado de Ellis, Texas, y antes de la fecha en que este aviso se publique en el periódico. La solicitud (cualquier actualización y aviso inclusive) está disponible electrónicamente en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.76503,32.493211&level=18

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

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

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

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

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

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

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

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

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

correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado 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 del Lavon Sanders Discharge, LLC a la dirección indicada arriba o llamando a Christopher Connolly, P.E., Ingeniero Profesional/Kimley-Horn and Associates, a 469-221-9829.

Fecha de emisión: 5 de agosto de 2025

July 7, 2025

Texas Commission of Environmental Quality
Application Review and Processing Team
Building F, Room 2101
12100 Park 35 Circle
Austin, Texas 78753

Re: Discharge Permit for the Pecan Hill Wastewater Treatment Facility

Dear Water Quality Team:

This letter serves to transmit the application for the Pecan Hill wastewater discharge permit. The permit application follows this letter within the following attachments:

Attachment A - 10053 - Administrative Reports
Attachment B - SPIF
Attachment C - 10400 - TCEQ Core Data Form
Attachment D - 10054 - Technical Report
Attachment E - Plain Language
Attachment F - Public Involvement
Attachment G - Original USGS Map
Attachment H - Affected Landowners Map
Attachment I - Landowner Disk or Labels
Attachment J - Buffer Zone Map
Attachment K - Flow Diagram
Attachment L - Site Drawing
Attachment M - Original Photographs
Attachment N - Design Calculations
Attachment O - Solids Management Plan
Attachment P - Lavon Wind Rose
Attachment Q – Copy of EPAY Voucher
Attachment R – Nearby CCN & WWTP
Attachment S – Regionalization Letter

If you have any questions regarding this project, please contact me at 469-221-9829.

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

Christopher A. Connolly, P.E.
Project Manager
Kimley-Horn and Associates, Inc.

# **Attachment A**

10053 – Administrative Reports

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

**Complete and submit this checklist with the application.**

APPLICANT NAME: Lavon Sanders Discharge, LLC

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

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

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

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region_____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

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

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

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

Minor Amendment (for any flow) $150.00 ☐

**Payment Information:**

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

Check/Money Order Amount: Click to enter text.

Name Printed on Check: Click to enter text.

EPAY — Voucher Number: 769846; 769847

Copy of Payment Voucher enclosed? Yes ☒

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

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

☐ Publicly-Owned Domestic Wastewater

☒ Privately-Owned Domestic Wastewater

☐ Conventional Wastewater Treatment

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

☐ Active ☒ Inactive

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

☒ TPDES Permit

☐ TLAP

☐ TPDES Permit with TLAP component

☐ Subsurface Area Drip Dispersal System (SADDS)

**d.** Check the box next to the appropriate application type

☒ New

☐ Major Amendment *with* Renewal

☐ Major Amendment *without* Renewal

☐ Renewal without changes

☐ Minor Amendment *with* Renewal

☐ Minor Amendment *without* Renewal

☐ Minor Modification of permit

**e.** For amendments or modifications, describe the proposed changes: Click to enter text.

**f. For existing permits**:

Permit Number: WQ00 Click to enter text.

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

Expiration Date: Click to enter text.

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

Lavon Sanders Discharge, 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: 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: Mr. Last Name, First Name: Fleeger, Matthew H.

Title: President Credential: N/A

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

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

Click to enter text.

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

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

CN: Click to enter text.

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

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

**C. Core Data Form**

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

## 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: Mesa, Juan

Title: Civil Analyst Credential: E.I.T.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 260 E. Davis St. Suite 100 City, State, Zip Code: McKinney, TX, 75069

Phone No.: 469-305-0515 E-mail Address: juan.mesa@kimley-horn.com

Check one or both: ☒ Administrative Contact ☐ Technical Contact

**B.** Prefix: Mr. Last Name, First Name: Connolly, Christopher

Title: Professional Engineer Credential: P.E.

Organization Name: Kimley-Horn and Associates, Inc.

Mailing Address: 260 E. Davis St. Suite 100 City, State, Zip Code: McKinney, TX, 75069

Phone No.: 469-353-6678 E-mail Address: chris.connolly@kimley-horn.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: Hayden, Nick

Title: Authorized Representative Credential: N/A

Organization Name: Lavon Sanders Discharge, LLC

Mailing Address: 14160 Dallas Parkway, Floor 5 City, State, Zip Code: Dallas, TX, 75254

Phone No.: 214-673-9098 E-mail Address: haydenrealestateinv@gmail.com

**B.** Prefix: Mr. Last Name, First Name: Fleeger, Matthew H.

Title: President Credential: N/A

Organization Name: Lavon Sanders Discharge, LLC

Mailing Address: 14160 Dallas Parkway, Floor 5 City, State, Zip Code: Dallas, TX, 75254

Phone No.: 972-284-0600 E-mail Address: mattf@gulfcoastwestern.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: Hayden, Nick

Title: Authorized Representative Credential: N/A

Organization Name: Lavon Sanders Discharge, LLC

Mailing Address: 14160 Dallas Parkway, Floor 5 City, State, Zip Code: Dallas, TX, 75254

Phone No.: 214-673-9098 E-mail Address: haydenrealestateinv@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: Hayden, Nick

Title: Authorized Representative Credential: N/A

Organization Name: Lavon Sanders Discharge, LLC

Mailing Address: 14160 Dallas Parkway, Floor 5 City, State, Zip Code: Dallas, TX, 75254

Phone No.: 214-673-9098 E-mail Address: haydenrealestateinv@gmail.com

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

**A. Individual Publishing the Notices**

Prefix: Mr. Last Name, First Name: Connolly, Christopher

Title: Professional Engineer Credential: P.E.

Organization Name: Kimley-horn and Associates, Inc.

Mailing Address: 260 E. Davis St. Suite 100 City, State, Zip Code: McKinney, TX, 75069

Phone No.: 469-221-9829 E-mail Address: chris.connolly@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: Mr. Last Name, First Name: Connolly, Christopher

Title: Professional Engineer Credential: P.E.

Organization Name: Kimley-horn and Associates, Inc.

Mailing Address: 260 E. Davis St. Suite 100 City, State, Zip Code: McKinney, TX, 75069

Phone No.: 469-221-9829 E-mail Address: chris.connolly@kimley-horn.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: Ennis Public Library

Location within the building: Front Desk

Physical Address of Building: 501 W. Ennis Ave.

City: Ennis County: Ellis

Contact (Last Name, First Name): Diaz, Jessica

Phone No.: 972-875-5360 Ext.: Click to enter text.

**E. Bilingual Notice Requirements**

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

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

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

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

   ☒ Yes ☐ No

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

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

   ☒ Yes ☐ No

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

   ☐ Yes ☒ No

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

   ☐ Yes ☒ No

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

**F. Plain Language Summary Template**

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

**Attachment:** E

**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:** F

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

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

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

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

Pecan Hill WWTF

**C.** Owner of treatment facility: Lavon Sanders Discharge. 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: Hayden, Nick

Title: Authorized Representative Credential: N/A

Organization Name: Lavon Sanders Discharge, LLC

Mailing Address: 14160 Dallas Parkway, Floor 5 City, State, Zip Code: Dallas, TX, 75254

Phone No.: 214-673-9098 E-mail Address: haydenrealestateinv@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: 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

**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:

The wastewater treatment facility will be new. It will be located approximately 0.70 miles northwest of the intersection of FM 983 and Brushy Creek Rd.

**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:

The point of discharge will be new. Effluent from the proposed treatment facility will be discharged via gravity pipe into Brushy Creek, thence to Red Oak Creek, and thence to Trinity River.

City nearest the outfall(s): Red Oak

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

**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:

N/A

**B.** City nearest the disposal site: Click to enter text.

**C.** County in which the disposal site is located: Click to enter text.

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

N/A

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

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

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☐ Not Applicable

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

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: 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.

☒ 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: Lavon Sanders Discharge, 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): Matthew H. Fleeger

Signatory title: Manager

Signature: _____ Date: 6/12/25

(Use blue ink)

Subscribed and Sworn to before me by the said Matthew H Fleeger

on this 12th day of June, 2025.

My commission expires on the 9th day of March, 2026.

Sara Smith

Notary Public

SARA ALLISON SMITH
Notary Public, State of Texas
Comm. Expires 03-09-2026
Notary ID 133635048

*[SEAL]*

Dallas

County, Texas

# DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

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

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

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

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

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

☒ USB Drive ☐ Four sets of labels

**D.** Provide the source of the landowners' names and mailing addresses: Ellis Appraisal District (https://www.elliscad.com/maps)

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

☐ Yes ☒ No

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

N/A

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

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

☒ At least one original photograph of the new or expanded treatment unit location

☒ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.

☐ At least one photograph of the existing/proposed effluent disposal site

☒ A plot plan or map showing the location and direction of each photograph

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

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

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

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

☒ Ownership

☐ Restrictive easement

☐ Nuisance odor control

☐ Variance

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

☒ 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:** B

# 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: N/A
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: Pecan Hill WWTF

   Physical Address of Project or Site: N/A

   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): N/A

Driver's License or State Identification Number: N/A

Date of Birth: N/A

Mailing Address: N/A

City, State, and Zip Code: N/A

Phone Number: N/A Fax Number: N/A

E-mail Address: N/A

CN: N/A

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

# DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

**Things to Know:**

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

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

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

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

Plain Language Summary ☒ Yes

# **Attachment B**

SPIF

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

**TCEQ USE ONLY:**

Application type: _____Renewal _____Major Amendment ____Minor Amendment _____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

_____ Texas Historical Commission _____ U.S. Fish and Wildlife

_____ Texas Parks and Wildlife Department _____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: Lavon Sanders Discharge, LLC

   Permit No. WQ00 N/A EPA ID No. TX N/A

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

   The wastewater facility will be new. It will be located approximately 0.70 miles northwest of the intersection of FM 983 and Brushy Creek Rd. in the city of Red Oak, Ellis County, Texas.

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

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

First and Last Name: Nick Hayden

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

Title: Authorized Representative

Mailing Address: 14160 Dallas Parkway, 5th floor

City, State, Zip Code: Dallas, TX, 75254

Phone No.: 214-673-9098 Ext.: N/A Fax No.: N/A

E-mail Address: haydenrealestateinv@gmail.com

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

N/A

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

The point of discharge will be new. Effluent from the proposed treatment facility will be discharged via gravity pipe into Brushy Creek, thence to Red Oak Creek, and thence to Trinity River.

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

The construction impact can ultimately affect approximately 6 acres of mostly surface disturbance with an approximate maximum depth of excavation of 30 feet.

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

Agricultural Land

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

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

None Existing

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

Not Known

# **Attachment C**

10400 – TCEQ 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 606354439** | | **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:*

Lavon Sanders Discharge, 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)* |
|---|---|---|---|
| 805857371 | 32098308649 | 33-2857010 | |

**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 ☐ Other:

☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant

**15. Mailing Address:**

14160 Dallas Parkway, Floor 5

| **City** | Dallas | **State** | TX | **ZIP** | 75254 | **ZIP + 4** | 4319 |
|---|---|---|---|---|---|---|---|

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

| 18. Telephone Number | 19. Extension or Code | 20. Fax Number *(if applicable)* |
|---|---|---|
| ( 214 ) 673-9098 | | ( ) - |

## 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.)*

Pecan Hill Wastewater Treatment Facility

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **23. Street Address of the Regulated Entity:** ***(No PO Boxes)*** | | | | | | | | |
| | **City** | | **State** | | **ZIP** | | **ZIP + 4** | |
| **24. County** | Ellis | | | | | | | |

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

| | | | | | |
|---|---|---|---|---|---|
| **25. Description to Physical Location:** | The facility will be new. It will be located approximately 0.70 miles northwest of the intersection of FM 983 and Brushy Creek Rd in Ellis County, Texas. | | | | |
| **26. Nearest City** | | | **State** | **Nearest ZIP Code** | |
| Red Oak | | | TX | 75154 | |

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

| **27. Latitude (N) In Decimal:** | 32.493211 | | **28. Longitude (W) In Decimal:** | -96.765038 | |
|---|---|---|---|---|---|
| Degrees | Minutes | Seconds | Degrees | Minutes | Seconds |
| 32 | 29 | 35.56 | 96 | 45 | 54.14 |

| **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) |
|---|---|---|---|
| 6512 | | 531190 | |

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

Real Estate Development

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **34. Mailing Address:** | **14**160 Dallas Parkway, Floor 5 | | | | | | | |
| | **City** | **D**allas | **State** | **T**X | **ZIP** | **7**5254 | **ZIP + 4** | **4319** |
| **35. E-Mail Address:** | **h**aydenrealestateinv@gmail.com | | | | | | | |

| 36. Telephone Number | 37. Extension or Code | 38. Fax Number *(if applicable)* |
|---|---|---|
| **( 2**14 **) 6**73-**9**098 | | ( ) - |

| | | | | |
|---|---|---|---|---|
| ☐ 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: | Christopher Connolly | 41. Title: | Professional Engineer |
|---|---|---|---|

| 42. Telephone Number | 43. Ext./Code | 44. Fax Number | 45. E-Mail Address |
|---|---|---|---|
| ( 469 ) 221-9829 | | (  )  - | chris.connolly@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: | Lavon Sanders Discharge, LLC | Job Title: | Manager |
|---|---|---|---|
| Name *(In Print)*: | Matthew H. Fleeger | Phone: | ( 972 ) 284- 0600 |
| Signature: |  | Date: | 6/12/25 |

# **Attachment D**

10054 – Technical Report

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

**A. Existing/Interim I Phase**

Design Flow (MGD): 0.27

2-Hr Peak Flow (MGD): 1.08

Estimated construction start date: 08/2027

Estimated waste disposal start date: 08/2028

**B. Interim II Phase**

Design Flow (MGD): 0.53

2-Hr Peak Flow (MGD): 2.12

Estimated construction start date: 08/2031

Estimated waste disposal start date: 08/2032

**C. Final Phase**

Design Flow (MGD): 0.53

2-Hr Peak Flow (MGD): 2.12

Estimated construction start date: 08/2031

Estimated waste disposal start date: 08/2032

**D. Current Operating Phase**

Provide the startup date of the facility: 08/2028

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

**A. Current Operating Phase**

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

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

The facility will be a conventional activated sludge facility operated in extended aeration mode. Phase 1: Raw wastewater will enter the headworks screen, split flow into a total of 4 aeration basins, 2 clarifiers, 3 aerobic digesters, 1 chlorine contact basin, and then to the outfall. Solids will be pumped out of the aerobic digester to a sludge box for dewatering and hauling to a landfill. Phase 2: Raw wastewater will enter the headworks screen, split flow into a total of 6 aeration basins, 3 clarifier, 4 aerobic digester, 2 chlorine contact basin, and then to the outfall. Solids will be pumped out of the aerobic digester to a sludge box for dewatering and hauling to a landfill.

### 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 Station | 1 | 10' Dia. |
| Headworks | 1 | 20'x15' |
| Aeration Basins | PH I- 4<br>PH II- 2 | 65' x 11.2'x 12.2' Depth |
| Secondary Clarifier | PH I- 2<br>PH II- 1 | 38' Dia. x 12' Depth |
| Aerobic Digester | PH I- 3<br>PH II- 1 | 65' x 11.2'x 12.2' Depth |
| Chlorine Contact Basin | PH I- 1<br>PH II- 1 | 20' x 10' x 10' Depth |
| Sludge Handling Building | 1 | 20'x20' |

### C. Process Flow Diagram

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

**Attachment**: K

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

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

- Latitude: 32.493211
- Longitude: -96.765038

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

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

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

- The boundaries of the treatment facility;

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

**Attachment**: L

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

Single-Family Development; Approx. 1,190 equivalent single family residential connections at ultimate buildout with a population of 4,165 served.

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 |
|---|---|---|---|
| **Pecan Hill Collection System** | **Pecan Hill Development** | **Privately Owned** | **4,165** |
| | | Choose an item. | |
| | | Choose an item. | |
| | | Choose an item. | |

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

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

## Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

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

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

**A. Summary transmittal**

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

☐ Yes ☒ No

**If yes**, provide the date(s) of approval for each phase: Click to enter text.

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

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.

Ownership-buffer zones fall within the WWTF property boundary.

## 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:

Click to enter text.

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

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

☐ Yes ☐ No

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

Click to enter text.

5. ***Zero stormwater discharge***

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☐ No

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

Click to enter text.

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

## F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. Click to enter text.

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

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

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

☐ Yes ☒ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the $BOD_5$ 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 50)

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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

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

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

*TPDES permits only
†TLAP permits only

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

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

## Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Facility not in operation.

Facility Operator's License Classification and Level: Facility not in operation.

Facility Operator's License Number: Facility not in operation

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

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

Check all that apply. See instructions for guidance

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

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

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting

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

## C. Biosolids Management

Provide information on the *intended* biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

**Biosolids Management**

| Management Practice | Handler or Preparer Type | Bulk or Bag Container | Amount (dry metric tons) | Pathogen Reduction Options | Vector Attraction Reduction Option |
|---|---|---|---|---|---|
| Disposal in Landfill | Off-site Third-Party Handler or Preparer | Bulk | 0.62 | Class B: PSRP Aerobic Digestion | Option 1: Volatile solids reduced by 38% |
| Choose an item. | Choose an item. | Choose an item. | | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. | | Choose an item. | Choose an item. |

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

## D. Disposal site

Disposal site name: Registered 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 53)

**A. Beneficial use authorization**

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

**B. Sludge processing authorization**

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

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

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

☐ Yes ☐ No

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

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

## A. Location information

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

- Original General Highway (County) Map:

  **Attachment**: N/A

- USDA Natural Resources Conservation Service Soil Map:

  **Attachment**: N/A

- Federal Emergency Management Map:

  **Attachment**: N/A

- Site map:

  **Attachment**: N/A

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

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

Total Kjeldahl Nitrogen, mg/kg: N/A

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

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: NA

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

Volume and frequency of sludge to the lagoon(s): N/A

Total dry tons stored in the lagoons(s) per 365-day period: N/A

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

**C. Liner information**

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?

☐ Yes ☐ No

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

| |
|---|
| N/A |

**D. Site 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**: N/A
- Copy of the closure plan

  **Attachment**: N/A

- Copy of deed recordation for the site

  **Attachment**: N/A

- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  **Attachment**: N/A

- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  **Attachment**: N/A

- Procedures to prevent the occurrence of nuisance conditions

  **Attachment**: N/A

### E. 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:** N/A

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

### A. Additional authorizations

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

☐ Yes ☒ No

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

| |
|---|
| 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 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Matthew H. Fleeger

Title: Manager

Signature: _____

Date: 6/12/25

# DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

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

### A. Justification of permit need

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

A new treatment plant is needed to serve approximately 1,190 single-family-home development near the City of Red Oak.
Phase 1: Estimated Construction date of WWTP is 08/2027-08/2028 and will serve approximately 150 single family homes per year for 4 years thereafter (600 connections total; 0.27MGD) until completion of Phase 2 WWTP phase construction.
Phase 2: Estimated Construction date of the WWTP is 08/2030-08/2031 will construct approximately 150 single family homes/year for 4 years thereafter (590 connections; 1,190 cumulative; 0.53MGD) for ultimate buildout in 2035.
Assumptions: 3.5 capita/connection; 85 gpd/capita; x1.5 factor (for new permits <1.0 MGD)

### 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**: R

***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**: R

**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**: S

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

**Attachment:** N/A

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

Is this facility in operation?

☐ Yes ☒ No

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

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

### 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 | PH I- 0.27<br>PH II- 0.53 | PH I- 300<br>PH II- 300 |
| 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 | PH I- 0.27<br>PH II- 0.53 | |
| AVERAGE $BOD_5$ from all sources | | PH I- 300<br>PH II- 300 |

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

### A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: N/A

**B. Interim II Phase Design Effluent Quality**

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: N/A

**C. Final Phase Design Effluent Quality**

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

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: 3

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4

Other: N/A

**D. Disinfection Method**

Identify the proposed method of disinfection.

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

Dechlorination process: Sulfur Dioxide

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

☐ Other: Click to enter text.

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

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

**Attachment**: N

## Section 5. Facility Site (Instructions Page 60)

**A. 100-year floodplain**

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

☒ Yes ☐ No

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

N/A

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

| |
|---|
| FEMA Flood Map Service Center |

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 P

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

**A. Beneficial use authorization**

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

☐ Yes ☒ No

**If yes**, attach the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)**: Click to enter text.

**B. Sludge processing authorization**

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

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

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

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

Attach a solids management plan to the application.

**Attachment:** O

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

- Treatment units and processes dimensions and capacities

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

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

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: N/A

Distance and direction to the intake: N/A

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

**Attachment**: N/A

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

### A. Receiving water outfall

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

### B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☒ No

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

N/A

### C. Sea grasses

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

☐ Yes ☒ No

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

N/A

## Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

**If yes**, this Worksheet is complete.

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

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

Name of the immediate receiving waters: Brushy Creek

### 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.

Click to enter text.

### E. Normal dry weather characteristics

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

Consistent water flow.

Date and time of observation: 5/14/2025, 10:45 a.m.

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☒ No

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

### A. Upstream influences

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

☐ Oil field activities
☐ Urban runoff
☐ Upstream discharges
☒ Agricultural runoff
☐ Septic tanks
☐ Other(s), specify: Click to enter text.

**B. Waterbody uses**

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

- ☒ 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 66)

Date of study: 5/14/2025 Time of study: 10:45 am

Stream name: Brushy Creek

Location: Red Oak

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 66)

Number of stream bends that are well defined: 16

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.

| |
|---|
| Stream may be used for livestock watering. |

**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**<br>Select riffle, run, glide, or pool. See Instructions, Definitions section. | **Transect location** | **Water surface width (ft)** | **Stream depths (ft)**<br>at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas. |
|---|---|---|---|
| Outfall | 32.493853, -96.762640 | 15.5 | 1.5, 2, 2.5, 2 |
| Pool | 32.493069, -96.762474 | 10 | 0.17, 0.25, 0.25, 0.17 |
| Pool | 32.492710, -96.763270 | 26 | 0.17, 0.25, 0.25, 0.17 |
| Pool | 32.491840, -96.763490 | 11 | 0.17, 0.17, 0.25, 0.17 |
| Pool | 32.491000, -96.762000 | 23 | 0.33, 0.583, 0.75, 0.75 |
| Pool | 32.490400, -96.762000 | 17 | 0.33, 0.5, 0.75, 0.75 |
| Choose an item. | | | |
| Choose an item. | | | |
| Choose an item. | | | |
| Choose an item. | | | |

## Section 3. Summarize Measurements (Instructions Page 66)

Streambed slope of entire reach, from USGS map in feet/feet: 0.0068

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): 0.45

Length of stream evaluated, in feet: 1,450

Number of lateral transects made: Click to enter text.

Average stream width, in feet: 17

Average stream depth, in feet: 0.63

Average stream velocity, in feet/second: .5

Instantaneous stream flow, in cubic feet/second: 5.355

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): floating chip

Size of pools (large, small, moderate, none): Moderate

Maximum pool depth, in feet: 2.5

# **Attachment E**

Plain Language

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

**ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS**
**Enter 'INDUSTRIAL' or 'DOMESTIC' here 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.*

Lavon Sanders Discharge, LLC (N/A) proposes to operate Pecan Hill Wastewater Treatment Facility (N/A), a Wastewater Treatment Facility. The facility will be located at approximately 0.70 miles northwest from the intersection of Farm Road 983 and Brushy Creek Rd., in City of Red Oak, Ellis County, Texas 75154. The design of the WWTP will be used to treat municipal wastewater at a volume not to exceed an annual average flow of 530,000 gallons per day for approximately 1,200 single family homes. The discharge route will be from the plant to Brushy Creek thence to Red Oak Creek and thence to Trinity River.

Discharges from the facility are expected to contain Biochemical Oxygen Demand, Total Suspended Solids, Ammonia Nitrogen, Total Phosphorus, and Dissolved Oxygen.. Raw wastewater will be treated by entering the headworks screen, split into a total of 6 Aeration Basins, 3 Clarifiers, 4 Aerobic Digesters, and 2 Chlorine Contact Basins then to the outfall. will be treated by Chlorine Contact.

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

**AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES**

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

Lavon Sanders Discharge, LLC (N/A) propone operar Instalación de tratamiento de aguas residuales de Pecan Hill N/A, una tratamiento de aguas residuales. La instalación estará ubicada en se encuentra aproximadamente 0.70 millas al suroeste de la interacción de la granja a la carretera 983 y la carretera Brushy Creek Rd, en Ciudad Red Oak , Condado de Ellis, Texas 75154. El diseño de la planta permitirá tartar aguas residuales municipales a un volumen que no exceda un flujo promedio anual de 530,000 galones por día de aproximadamente 1,200 viviendas unifamiliares.

Se espera que las descargas de la instalación contengan Demanda Bioquímica de Oxígeno, Solidos Suspendidos Totales, Nitrógeno Amoniacal, Fosforo Total y Oxígeno Disuelto. Las aguas residuales crudas serán tratadas ingresando a la briba de cabecera, divididas en un total de 6 Cuencas de Aireación. 3 clarificadores, 4 Digestores Aeróbicos, y 2 de Contacto de Cloro Cuencas luego hasta el emisario serán tratados con cloro contacto . La ruta de descarga será desde la planta hasta Parker Creek y luego hasta Emerson Lake. está tratado por contacto con cloro.

# **Attachment F**

Public Involvement

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.

The site is remote in Ellis County and is not considered to have significant public interest.

## 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.

## 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.**

(City)

(County)

(Census Tract)
Please indicate which of these three is the level used for gathering the following information.

☐ City ☐ County ☐ Census Tract

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

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

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

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

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

## Section 6. Planned Public Outreach Activities

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If Yes, please describe.

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

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

☐ Yes ☐ No

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

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

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ TCEQ Regional Office ☐ TCEQ Central Office

☐ Public Place (specify)

## Section 7. Voluntary Submittal

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

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

☐ Yes ☐ No

What types of notice will be provided?

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

# **Attachment G**

Original USGS Map

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

The National Map OnDemand Topo

**7.5-MINUTE TOPO QUADRANGLE**
Custom Extent
7.5-MINUTE TOPO

-96.8265° 32.5465° 705000mE -96.7015° 32.5465° 3603000mN

CENTURY PROPERTIES ACQUISITIONS, LLC DEVELOPMENT SERVICE AREA

DISCHARGE POINT

3-MILE DISCHARGE ROUTE

LAVON SANDERS DISCHARGE, LLC WWTF PROPERTY BOUNDARY

1-MILE RADIUS

Elva
RED OAK
Ferris
Pecan Hill
Rockett
WAXAHACHIE
Lake Clopton

**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

MN
GN
1°12' 21 MILS
2°55' 52 MILS
UTM GRID AND 2021 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000-m Square ID
QB
00
QA
Grid Zone Designation 14S

SCALE 1:24 000

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

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
CONTOUR SMOOTHNESS = Medium

TEXAS

QUADRANGLE LOCATION
Lancaster | Ferris
Waxahachie | Palmer
ADJOINING QUADRANGLES

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

**7.5-MINUTE TOPO, TX**
**2025**

| | |
|---|---|
| SHEET | |
| DATE: | JUNE 2025 |
| DESIGN: | CAC |
| DRAWN: | JM |
| CHECKED: | CAC |
| KHA NO.: | 064531010 |

# USGS MAP

# PECAN HILL WASTEWATER TREATMENT FACILITY

PRELIMINARY
FOR REVIEW ONLY
Not for construction or permit purposes.
Kimley»Horn
Engineer: CHRISTOPHER A. CONNOLLY
P.E. No.: 138780 Date: 06/2025

Kimley»Horn
Texas Board Of Professional Engineers Firm Registration Number: F-928
260 East Davis Street, Suite 100, McKinney, TX 75069 469-301-2580

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

K:\MKN_Civil\064531009 - Red Oak Tract TPDES Application\DWG\Exhibits\USGS Map.dwg

# **Attachment H**

Affected Landowners Map

NORTH

GRAPHIC SCALE IN FEET
0 150 300 600

AFFECTED LANDOWNERS

WWTP/APPLICANT

100-YR FLOOD PLAIN

PROPOSED PECAN HILL WWTF

1-MILE DISCHARGE ROUTE

6

1

6

2

6

6

3

4

4

5

4

4

Kimley»Horn

Texas Board Of Professional Engineers Firm Registration Number: F-928
265 East Davis Street, Suite 100, McKinney, TX 75069 469-301-2580

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

PRELIMINARY

FOR REVIEW ONLY
Not for construction or permit purposes.

Kimley»Horn

Engineer: CHRISTOPHER A. CONNOLLY
P.E. No. 136780 Date: 06/2025

# PECAN HILL WASTEWATER TREATMENT FACILITY

## AFFECTED LANDOWNERS MAP

| | |
|---|---|
| DATE: | JUNE 2025 |
| DESIGN: | CAC |
| DRAWN: | JM |
| CHECKED: | CAC |
| KHA NO.: | 064531010 |

SHEET

K:\MKN_Civil\064531010 - Pecan Hill TPDES Application\PHO Exhibits\Landowners Exhibit.dwg

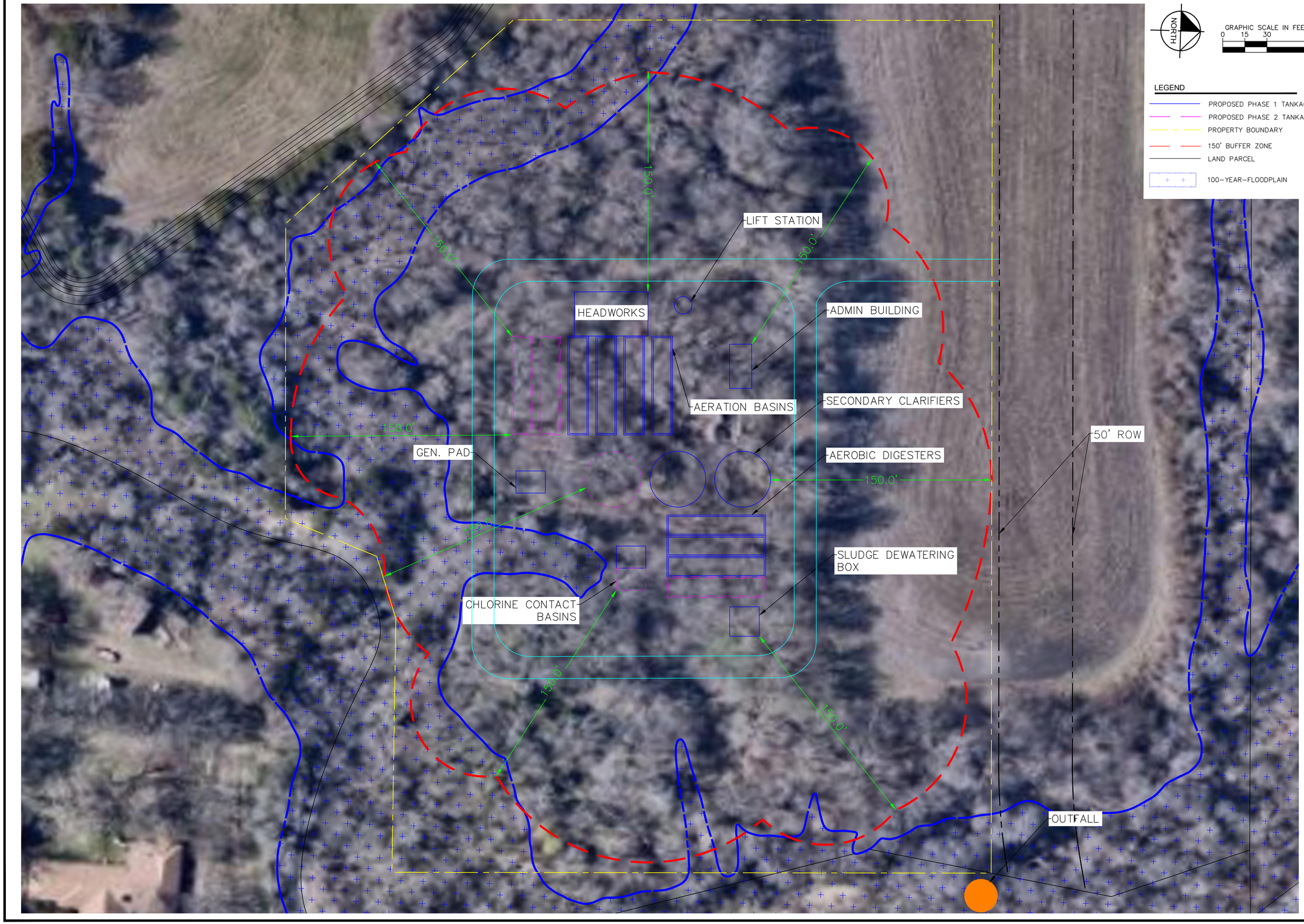
# **Attachment I**

Landowners List

| Property Number: | Property Owners Information: |
|---|---|
| 1 | George C. Wilson Jr.<br>270 BRUSHY CREEK RD<br>RED OAK TX 75154-7402 |
| 2 | Ana P. Renderos De Serrano<br>278 BRUSHY CREEK RD<br>RED OAK TX 75154-7402 |
| 3 | JEROME SCHUMACHER<br>290 BRUSHY CREEK RD<br>RED OAK TX 75154 |
| 4 | ARRAMBIDE LIVING TRUST<br>2855 FM 983<br>RED OAK TX 75154-7305 |
| 5 | JIMMY DON & BEVERLY L JOLLY<br>432 BRUSHY CREEK RD<br>RED OAK TX 75154-7406 |
| 6 | CENTURY PROPERTY ACQUISITIONS LLC<br>14160 DALLAS PKWY FL-5<br>DALLAS TX, 75254-4319 |

# **Attachment J**

Buffer Zone Map




Kimley»Horn

Texas Board Of Professional Engineers Firm Registration Number: F-928
265 East Davis Street, Suite 100, McKinney, TX 75069 469-301-2580

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

PRELIMINARY

FOR REVIEW ONLY
Not for construction or permit purposes.

Kimley»Horn

Engineer: CHRISTOPHER A. CONNOLLY
P.E. No. 136780 Date: 06/2025

# PECAN HILL WASTEWATER TREATMENT FACILITY

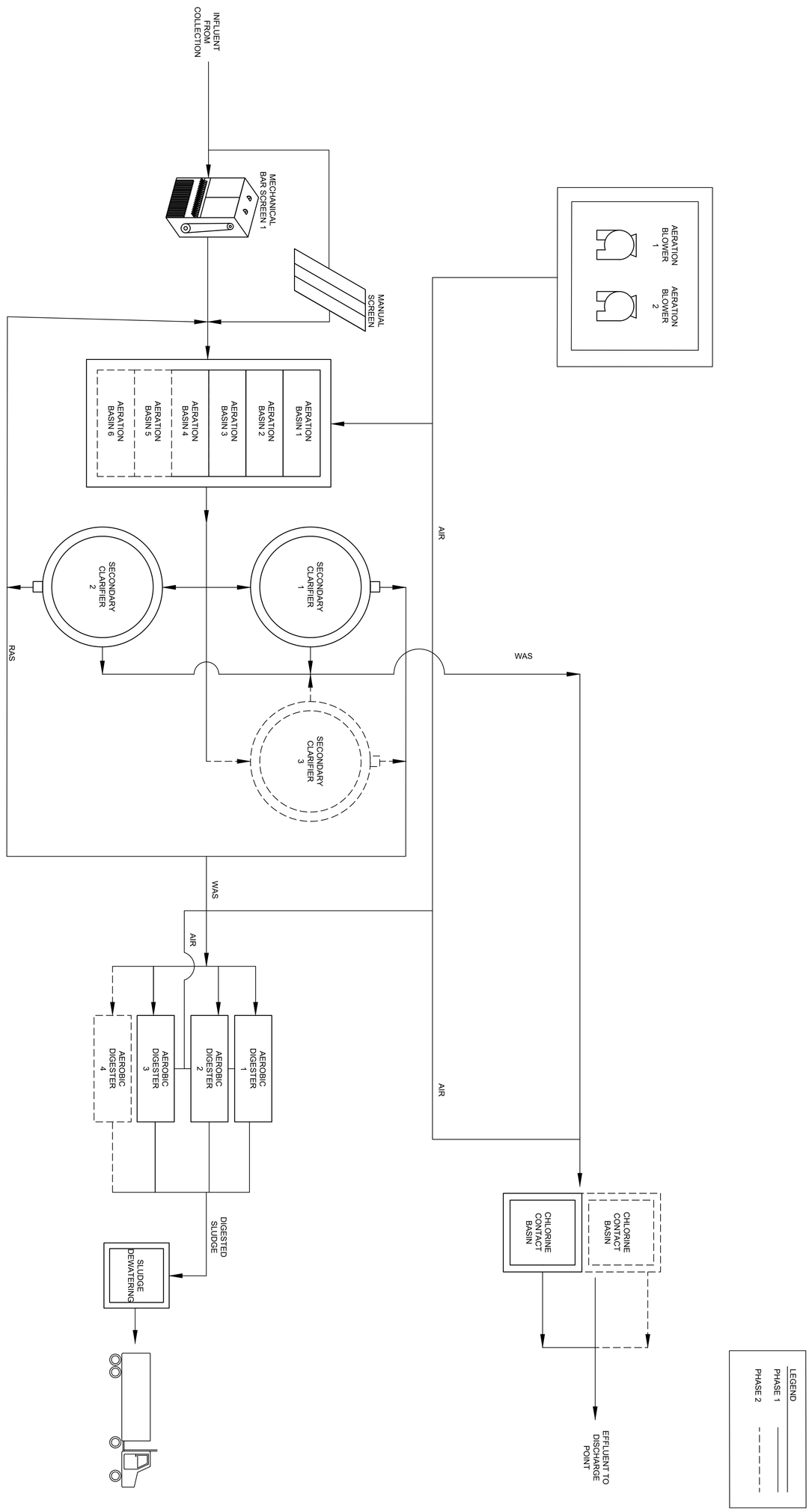
## BUFFER ZONE EXHIBIT

| | |
|---|---|
| DATE: | JUNE 2025 |
| DESIGN: | CAC |
| DRAWN: | JM |
| CHECKED: | CAC |
| KHA NO.: | 064531010 |

SHEET

# **Attachment K**

Flow Diagram




| | |
|---|---|
| DATE: | MAY 2025 |
| DESIGN: | CAC |
| DRAWN: | JM |
| CHECKED: | CAC |
| KHA NO.: | 064531010 |

SHEET

PROCESS FLOW DIAGRAM

# PECAN HILL WASTEWATER TREATMENT FACILITY

PRELIMINARY

Not for construction or permit purposes.

Engineer: CHRISTOPHER A. CONNOLLY
Lic. No. 136780 Date 2/2025

Kimley»Horn

Texas Board Of Professional Engineers Firm Registration Number: F-928
260 East Davis Street, Suite 100, McKinney, TX 75069 469-301-2580

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

K:\MKN_Civil\064531009 - Red Oak Tract TPDES Application\DWG\Exhibits\Flow_Diagram.dwg

# **Attachment L**

Site Drawing


| | |
|---|---|
| DATE: | JUNE 2025 |
| DESIGN: | CAC |
| DRAWN: | JM |
| CHECKED: | CAC |
| KHA NO.: | 064531010 |

SHEET

SITE DRAWING AND SERVICE AREA MAP

**PECAN HILL WASTEWATER TREATMENT FACILITY**

RELEASED FOR INTERIM REVIEW
Not for construction or permit purposes.
Kimley»Horn
Engineer: CHRISTOPHER A. CONNOLLY
P.E. No. 139790 Date: 9/5/2025

Kimley»Horn

Texas Board Of Professional Engineers Firm Registration Number: F-928
260 East Davis Street, Suite 100, McKinney, TX 75069 469-301-2580

| No. | Revision | By | Date |
|---|---|---|---|
| | | | |

# **Attachment M**

Original Photographs

*Figure 1: Outfall*

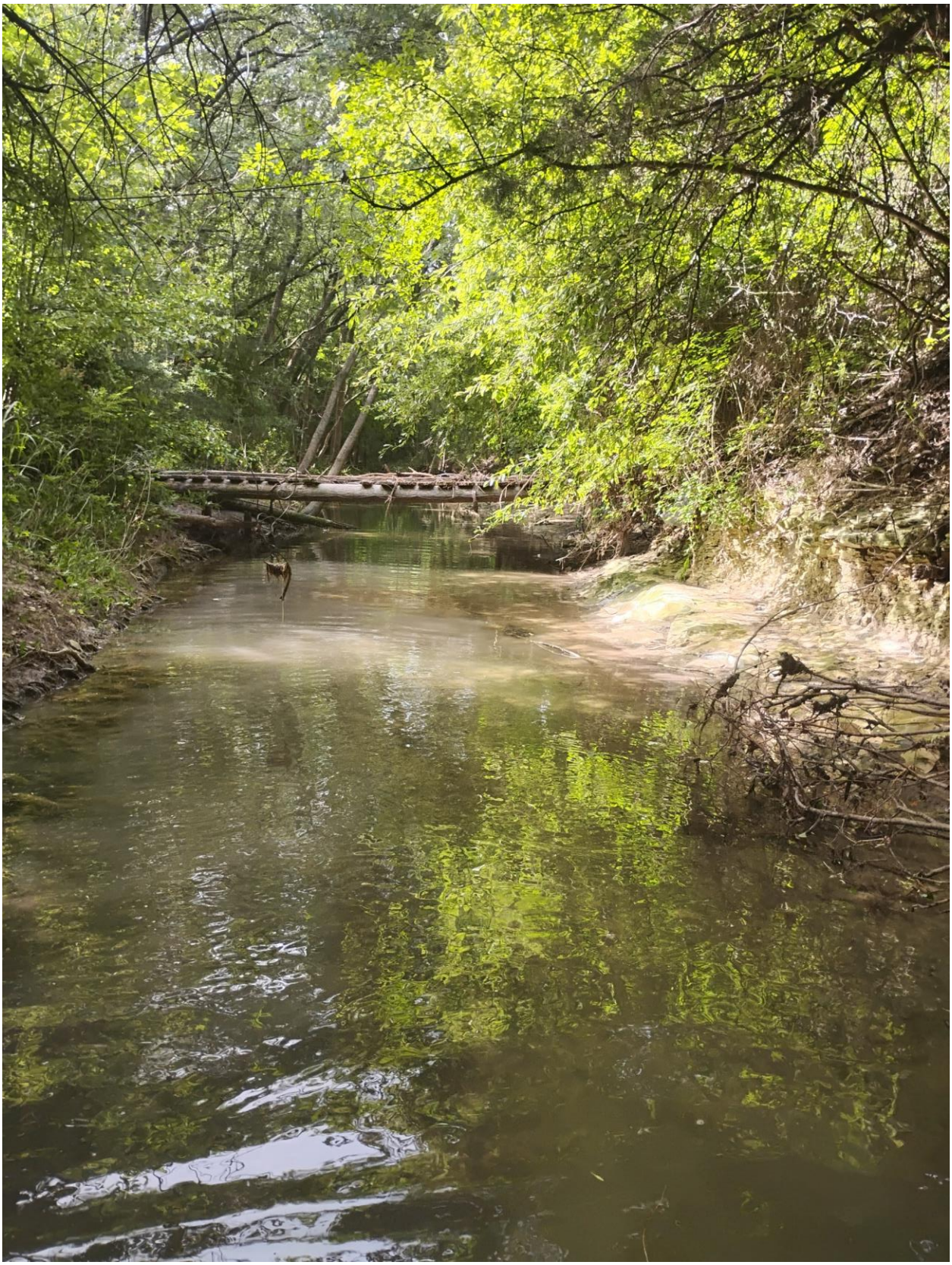


*Figure 2: Outfall Downstream*

*Figure 3: Outfall Upstream*

*Figure 4: Transect 1- Downstream*

*Figure 5: Transect 1- Upstream*

*Figure 6: Transect 2- Downstream*

*Figure 7: Transect 2- Upstream*

*Figure 8: Transect 3- Downstream*

*Figure 9: Transect 3- Upstream*

*Figure 10: Transect 4- Downstream*

*Figure 11: Transect 4- Upstream*

*Figure 12: Transect 5- Downstream*

*Figure 13: Transect 5- Upstream*

*Figure 14: Site Location-1*

*Figure 15: Site Location-2*

# **Attachment N**

Design Calculations

## Phase 1

*RAS*

**Design to maintain MLSS concentration in aeration basin between 4,000 mg/L and 10,000 mg/L*

**Calculate RAS rate by usign a mass balance of the aeration tank*

| | | | |
|---|---|---|---|
| Influent Design Flow Rate to Aeration Tank ($Q_D$) | 0.27 | MGD | |
| Influent Peak Flow Rate to Aeration Tank ($Q_{PEAK}$) | 1.071 | MGD | |
| Mixed Liquor Suspended Solids (X) | 4,000 | mg/L | |
| Return Activated Sludge Suspended Solids ($X_R$) | 12,000 | mg/L | |
| Return Sludge Flow at Design Flow (RAS) | 0.133875 | MGD | $Q*X/(X_R-X)$; M&E 5th Ed. Eq. 8-42 |
| Return Sludge Flow at Peak Flow (RAS) | 0.5355 | MGD | $Q_{PEAK}*X/(X_R-X)$; M&E 5th Ed. Eq. 8-42 |

*Aeration Basins*

| | | | |
|---|---|---|---|
| Design Flow for Aeration Basins | 0.40 | MGD | $Q_D$ + RAS |
| Design Sludge Retention Time ($\theta_A$) | 10 | days | *per TCEQ §217.157(d)(2)(b) max is 25 days* |
| Organic Loading Rate | 35 | lbBOD5/d/1,000 ft3 | *per TCEQ §217.154(b)(2) Figrue 30 "Conventional Activated"* |
| *Required Minimum Volume* | *19,140* | *$ft^3$* | |
| | | | |
| Number of Aeration Basins to Add | 4 | | |
| Aeration Basin Length | 65 | ft | |
| Aeration Basin Width | 12.2 | ft | |
| Side Water Depth of Aeration Basin | 11.2 | ft | (Usually between 10' and 30') |
| | | | |
| Total Provided Aeration Basin Volume | 35,344 | $ft^3$ | |
| Aeration Basin in Service with Largest Length | 65 | ft | |
| Largest Aeration Basin's Side Water Depth | 11.2 | ft | |
| Total Aeration Basin Volume with Largest AB out of Service ($V_R$) | 26,508 | $ft^3$ | *per TCEQ 217.153(c) Redundancy required if greater than 0.4 MGD* |
| | | | |
| Calculated Oxygen Required | 1.63 | lbs $O_2$ / lb $BOD_5$ | *= (1.2 * $BOD_5$ + 4.3 * $NH_3$-N) / $BOD_5$ TCEQ 217 217.155 (a)(3) Equation F.2* |
| Oxygen Requirement ($O_2R$) | 2.2 | lbs $O_2$ / lb $BOD_5$ | *per TCEQ §217.155 (a)(3)* |
| | | | |
| Calculated Air Flowrate | 732 | scfm | *= ($O_2R$ * $BOD_5$) / (WOTE * 0.23 * 0.075 * 1440) TCEQ 217 217.155 (b)(2)C) Equation F.4* |
| | | | |
| Clean water transfer efficiency | 18% | | *tceq 217.155 (b)(2)(A)(iii)* |
| Clean water transfer efficiency adjustment based on diffuser | 45% | | *Coarse bubble = .65 Fine bubble = .45 \| tceq 217.155 (b)(2)(B)(i)* |
| Correction Factor | 1.00 | | *Pulled from TCEQ 217.155(b)(2)(D)* |

*WAS*

**Design based on volume of aeration tank*

| | | | |
|---|---|---|---|
| Provided Aeration Basin Volume ($V_R$) | 0.264 | Mgal | |
| Waste Sludge Flowrate from Aeration Basin, Average Flow | 0.0264 | MGD | *= $V_R$ / $\vartheta_A$ ; per Metcalf and Eddy 5th Edition Equation 8-32* |
| | | | |
| Daily Sludge Production Rate | 227,103 | lb/d | *= WAS*SG; waste activated sludge rate multiplied by the specific gravity of sludge solids* |

*Aerobic Digester*

| | | | |
|---|---|---|---|
| % of Volatile Solids (%VS) | 80% | | |
| % Volatile Solids Destroyed in Digestion (%VSD) | 40% | | |
| MLSS Concentration | 20,000 | mg/L | *per TCEQ §217.249(t)(4)(A)* |
| Minimum Solids Retention Time (SRT) | 40 | days | *Figure: 30 TCEQ §217.249(t)(4)(B); for an average of 20 ° C* |
| Solids Loading | 0.3 | lb VSS/$ft^3$-d | |
| Digester Percent Solids | 2% | | |
| Mass of Influent Solids | 669.91 | ppd | *= $BOD_5$ * $Q_{DES}$* |
| Mass of Digested Solids | 456 | ppd | *= Mass of Influent Solids * [1-(%VS*%VSD)]* |
| Average Solids in Digester | 563 | ppd | *= (Mass of Influent Solids + Mass of Digested Solids) / 2* |
| Total Solids in Digester Based on SRT | 22,509 | lb | *= Average Solids * SRT* |
| *Minimum Required Digester Volume* | *18,041* | *$ft^3$* | *= Total Solids / MLSS Concentration* |
| | | | |
| Number of Digester Basins to Add | 3 | | |
| Digester Basins Length | 65 | ft | |
| Digester Basins Width | 12.2 | ft | |
| Side Water Depth | 11.2 | ft | |
| Digester Basin Volume to Add | 26,869 | $ft^3$ | |
| Digester Basin Volume to Add | 200,979 | gal | |
| Total Digester Basin Volume | 26,869 | | |
| | | | |
| % Volatile Solids Destroyed in Degestion (%VSD) | 40% | | *per Metcalf and Eddy 5th Edition Table 13-44 (38%-50%)* |
| Total Mass Reduced | 214 | lb VSS red/day | |
| Oxidation of VSS | 2.3 | kg $O_2$/kg VSS | *per Metcalf and Eddy 5th Edition Table 13-44* |
| Oxygen Required | 222 | kg $O_2$/day | |
| Density of Air | 1.204 | kg/$m^3$ @ 20° C | |
| Volume of Air Required per Day | 794 | $m^3$ air/day | |
| Oxygen Transfer Efficiency | 10% | | |
| Air Flow Rate | 5.5 | $m^3$/min | |
| Air Loading | 7.3 | $ft^3$/min*1000$ft^3$ | |

| *Solids Generated* | 100% Flow | 75% Flow | 50% Flow | 25% Flow |
|---|---|---|---|---|
| Pounds Influent $BOD_5$ (lb/d) | 670 | 502 | 335 | 167 |
| Pounds of Digested Dry Sludge Produced (lb/d) | 456 | 342 | 228 | 114 |
| Pounds of Wet Sludge Produced (lb/d) | 22,777 | 17,083 | 11,388 | 5,694 |
| Gallons of Wet Sludge Produced (gpd) | 2,731 | 2,048 | 1,366 | 683 |

*Clarifier*

| | | | |
|---|---|---|---|
| Maximum Overflow Rate @ Peak Flow | 1,200 | gal/day/$ft^2$ | *per TCEQ §217.154(c)(1)* |
| Minimum Detention Time @ Peak Flow | 1.8 | hours | *per TCEQ §217.154(c)(1)* |
| Maximum Weir Loading | 20,000 | gal/day/ft | *per TCEQ Ch. 217.152 (d)(4)* |
| *Minimum Required Surface Area (Overflow)* | *893* | *$ft^2$* | *TCEQ 217.164 (E) Equation F.8* |
| *Minimum required Surface Area (Detention Time)* | 895 | *$ft^2$* | *TCEQ 217.164 (E) Equation F.10* |
| *Minimum Required Weir Length* | *54* | *ft* | |
| | | | |
| Number of Clarifiers to Add | 2 | | |
| Clarifier Diameter | 38 | ft | |
| Side Water Depth of Clarifier | 12 | ft | |
| Total Weir Length | 239 | ft | |
| Total Clarifier Surface Area | 2,268 | $ft^2$ | |
| Total Clarifier Volume | 27,219 | $ft^3$ | |
| | | | |
| Clarifier in Service with Largest Diameter | 38 | ft | *per TCEQ 217.153(c) Redundancy required if greater than 0.4 MGD* |
| Side Water Depth of Largest Clarifier | 12 | ft | |
| Total Surface Area with Largest Clarifier out of Service | 1,134 | $ft^2$ | |
| Total Weir Length with Largest Clarifier out of Service | 119 | ft | |
| Total Volume with Largest Clarifier out of Service | 13,609 | $ft^3$ | |

*Chlorine Contact Basin*

| | | | |
|---|---|---|---|
| Minimum Detention Time at Peak Flow | 20 | min | *per TCEQ 217.281(b)(1)* |
| Number of Parallel Channels | 1 | | |
| Width | 10 | ft | |
| Depth | 10 | ft | |
| Length | 20 | ft | |
| Volume | 2000 | $ft^3$ | |
| Detention Time | 20.11428571 | min | |

## Phase 2

*RAS*

**Design to maintain MLSS concentration in aeration basin between 4,000 mg/L and 10,000 mg/L*

**Calculate RAS rate by usign a mass balance of the aeration tank*

| | | | |
|---|---|---|---|
| Influent Design Flow Rate to Aeration Tank ($Q_O$) | 0.53 | MGD | |
| Influent Peak Flow Rate to Aeration Tank ($Q_{PEAK}$) | 2.12415 | MGD | |
| Mixed Liquor Suspended Solids (X) | 4,000 | mg/L | |
| Return Activated Sludge Suspended Solids ($X_R$) | 12,000 | mg/L | |
| Return Sludge Flow at Design Flow (RAS) | 0.26551875 | MGD | Q*X/($X_R$-X); M&E 5th Ed. Eq. 8-42 |
| Return Sludge Flow at Peak Flow (RAS) | 1.062075 | MGD | $Q_{PEAK}$*X/($X_R$-X); M&E 5th Ed. Eq. 8-42 |

*Aeration Basins*

| | | | |
|---|---|---|---|
| Design Flow for Aeration Basins | 0.80 | MGD | $Q_O$ + RAS |
| Design Sludge Retention Time ($\theta_A$) | 10 | days | *per TCEQ §217.157(d)(2)(b) max is 25 days* |
| Organic Loading Rate | 35 | lbBOD5/d/1,000 ft3 | *per TCEQ §217.154(b)(2) Figrue 30 "Conventional Activated"* |
| *Required Minimum Volume* | *37,962* | *$ft^3$* | |
| | | | |
| Number of Aeration Basins to Add | 2 | | |
| Aeration Basin Length | 65 | ft | |
| Aeration Basin Width | 12.2 | ft | |
| Side Water Depth of Aeration Basin | 11.2 | ft | (Usually between 10' and 30') |
| | | | |
| Total Provided Aeration Basin Volume ($V_R$) | 53,016 | $ft^3$ | |
| Aeration Basin in Service with Largest Length | 65 | ft | |
| Largest Aeration Basin's Side Water Depth | 11.2 | ft | |
| Total Aeration Basin Volume with Largest AB out of Service ($V_R$) | 43,578 | $ft^3$ | |
| | | | |
| Calculated Oxygen Required | 1.63 | lbs $O_2$ / lb $BOD_5$ | *= (1.2 * $BOD_5$ + 4.3 * $NH_3$-N) / $BOD_5$ TCEQ 217 217.155 (a)(3) Equation F.2* |
| Oxygen Requirement ($O_2$R) | 2.2 | lbs $O_2$ / lb $BOD_5$ | *per TCEQ §217.155 (a)(3)* |
| | | | |
| Calculated Air Flowrate | 1,006 | scfm | *= ($O_2$R * $BOD_5$) / (WOTE * 0.23 * 0.075 * 1440) TCEQ 217 217.155 (b)(2)(C) Equation F.4* |
| | | | |
| Clean water transfer efficiencety | 18% | | *tceq 217.155 (b)(2)(A)(iii)* |
| Clean water transfer efficiency adjustment based on diffuser | 65% | | *Coarse bubble = .65 Fine bubble = .45 \| tceq 217.155 (b)(2)(B)(i)* |
| Correction Factor | 1.00 | | *Pulled from TCEQ 217.155(b)(2)(D)* |

*WAS*

**Design based on volume of aeration tank*

| | | | |
|---|---|---|---|
| Provided Aeration Basin Volume ($V_R$) | 0.397 | Mgal | |
| Waste Sludge Flowrate from Aeration Basin, Average Flow | 0.0397 | MGD | *= $V_R$ / $\vartheta_A$ ; per Metcalf and Eddy 5th Edition Equation 8-32* |
| | | | |
| Daily Sludge Production Rate | 340,654 | lb/d | *= WAS*SG; waste activated sludge rate multiplied by the specific gravity of sludge solids* |

*Aerobic Digester*

| | | | |
|---|---|---|---|
| % of Volatile Solids (%VS) | 80% | | |
| % Volatile Solids Destroyed in Digestion (%VSD) | 40% | | |
| MLSS Concentration | 20,000 | mg/L | *per TCEQ §217.249(t)(4)(A)* |
| Minimum Solids Retention Time (SRT) | 40 | days | *Figure: 30 TCEQ §217.249(t)(4)(B); for an average of 20 ° C* |
| Solids Loading | 0.3 | lb VSS/$ft^3$-d | |
| Digester Percent Solids | 2% | | |
| Mass of Influent Solids | 1,329 | ppd | *= $BOD_5$ * $Q_{DES}$* |
| Mass of Digested Solids | 903 | ppd | *= Mass of Influent Solids * [1-(%VS*%VSD)]* |
| Average Solids in Digester | 1,116 | ppd | *= (Mass of Influent Solids + Mass of Digested Solids) / 2* |
| Total Solids in Digester Based on SRT | 44,643 | lb | *= Average Solids * SRT* |
| *Minimum Required Digester Volume* | *35,781* | *$ft^3$* | *= Total Solids / MLSS Concentration* |
| | | | |
| Number of Digester Basins to Add | 1 | | |
| Digester Basins Length | 65 | ft | |
| Digester Basins Width | 12.2 | ft | |
| Side Water Depth | 11.2 | ft | |
| Digester Basin Volume to Add | 9,025 | $ft^3$ | |
| Digester Basin Volume to Add | 67,508 | gal | |
| Total Digester Basin Volume | 35,894 | | |
| | | | |
| % Volatile Solids Destroyed in Degestion (%VSD) | 40% | | *per Metcalf and Eddy 5th Edition Table 13-44 (38%-50%)* |
| Total Mass Reduced | 425 | lb VSS red/day | |
| Oxidation of VSS | 2.3 | kg $O_2$/kg VSS | *per Metcalf and Eddy 5th Edition Table 13-44* |
| Oxygen Required | 440 | kg $O_2$/day | |
| Density of Air | 1.204 | kg/$m^3$ @ 20° C | |
| Volume of Air Required per Day | 1575 | $m^3$ air/day | |
| Oxygen Transfer Efficiency | 10% | | |
| Air Flow Rate | 10.9 | $m^3$/min | |
| Air Loading | 43.0 | $ft^3$/min*1000$ft^3$ | |

| *Solids Generated* | 100% Flow | 75% Flow | 50% Flow | 25% Flow |
|---|---|---|---|---|
| Pounds Influent $BOD_5$ (lb/d) | 1,329 | 996 | 664 | 332 |
| Pounds of Digested Dry Sludge Produced (lb/d) | 903 | 678 | 452 | 226 |
| Pounds of Wet Sludge Produced (lb/d) | 45,174 | 33,881 | 22,587 | 11,294 |
| Gallons of Wet Sludge Produced (gpd) | 5,417 | 4,062 | 2,708 | 1,354 |

*Clarifier*

| | | | |
|---|---|---|---|
| Maximum Overflow Rate @ Peak Flow | 1,200 | gal/day/$ft^2$ | *per TCEQ §217.154(c)(1)* |
| Minimum Detention Time @ Peak Flow | 1.8 | hours | *per TCEQ §217.154(c)(1)* |
| Maximum Weir Loading | 20,000 | gal/day/ft | *per TCEQ Ch. 217.152 (d)(4)* |
| *Minimum Required Surface Area (Overflow)* | *1,770* | *$ft^2$* | *TCEQ 217.164 (E) Equation F.8* |
| *Minimum required Surface Area (Detention Time)* | *1,775* | *$ft^2$* | *TCEQ 217.164 (E) Equation F.10* |
| *Minimum Required Weir Length* | *106* | *ft* | |
| | | | |
| Number of Clarifiers to Add | 1 | | |
| Clarifier Diameter | 38 | ft | |
| Side Water Depth of Clarifier | 12 | ft | |
| Total Weir Length | 358 | ft | |
| Total Clarifier Surface Area | 3,402 | $ft^2$ | |
| Total Clarifier Volume | 40,828 | $ft^3$ | |
| | | | |
| Clarifier in Service with Largest Diameter | 38 | ft | |
| Side Water Depth of Largest Clarifier | 12 | ft | |
| Total Surface Area with Largest Clarifier out of Service | 2,268 | $ft^2$ | |
| Total Weir Length with Largest Clarifier out of Service | 239 | ft | |
| Total Volume with Largest Clarifier out of Service | 27,219 | $ft^3$ | |

*Chlorine Contact Basin*

| | | | |
|---|---|---|---|
| Minimum Detention Time at Peak Flow | 20 | min | *per TCEQ 217.281(b)(1)* |
| Number of Parallel Channels | 1 | | |
| Width | 10 | ft | |
| Depth | 10 | ft | |
| Length | 20 | ft | |
| Volume | 4000 | $ft^3$ | |
| Detention Time | 20.28331333 | min | |

# Attachment O

Solids Management Plan

**Pecan Hill Wastewater Treatment Facility**

**Solids Management Plan**

Design Calculations of the Domestic Technical Report identifies an influent BOD strength of 300 mg/L. The first phase design flow capacity of this treatment facility is 0.27 MGD. This corresponds to a removal of 670 lbs. BOD/day (300 mg/L x 8.34 lbs./gallon x 0.27 MGD). The volatile solids in the sludge are estimated to have a 40% reduction in the aerobic digesters, therefore 60% solids would be remaining.

| Biosolids Production | | | |
|---|---|---|---|
| Percent Permitted Flow | Lbs. BOD/Day Removed | Lbs. Wet Sludge/Day (@2.0%) | Gal. of Wet Sludge/Day |
| 100% | 670 | 22,777 | 2,731 |
| 75% | 502 | 17,083 | 2,048 |
| 50% | 335 | 11,388 | 1,366 |
| 25% | 167 | 5,694 | 683 |

Assuming influent BOD at average temperatures and a 40% volatile solids reduction in the Aerobic Digester at 100% of design flow, sludge would flow to the solids handling building at 2,731 gallons per day. The sludge would then be dewatered to an assumed 20% solids concentration bringing the total volume of wasted sludge to 546 gallons/day. The capacity of the proposed aerobic digester basins for the first phase is 200,979 gallons. The digested sludge will be transported by a TCEQ registered hauler and disposed of at a registered landfill.

Design Calculations of the Domestic Technical Report identifies an influent BOD strength of 300 mg/L. The second phase flow capacity of this treatment facility is 0.53 MGD. This corresponds to a removal of 1,329 lbs. BOD/day (300 mg/L x 8.34 lbs./gallon x 0.53 MGD). The volatile solids in the sludge are estimated to have a 40% reduction in the aerobic digesters, therefore 60% solids would be remaining.

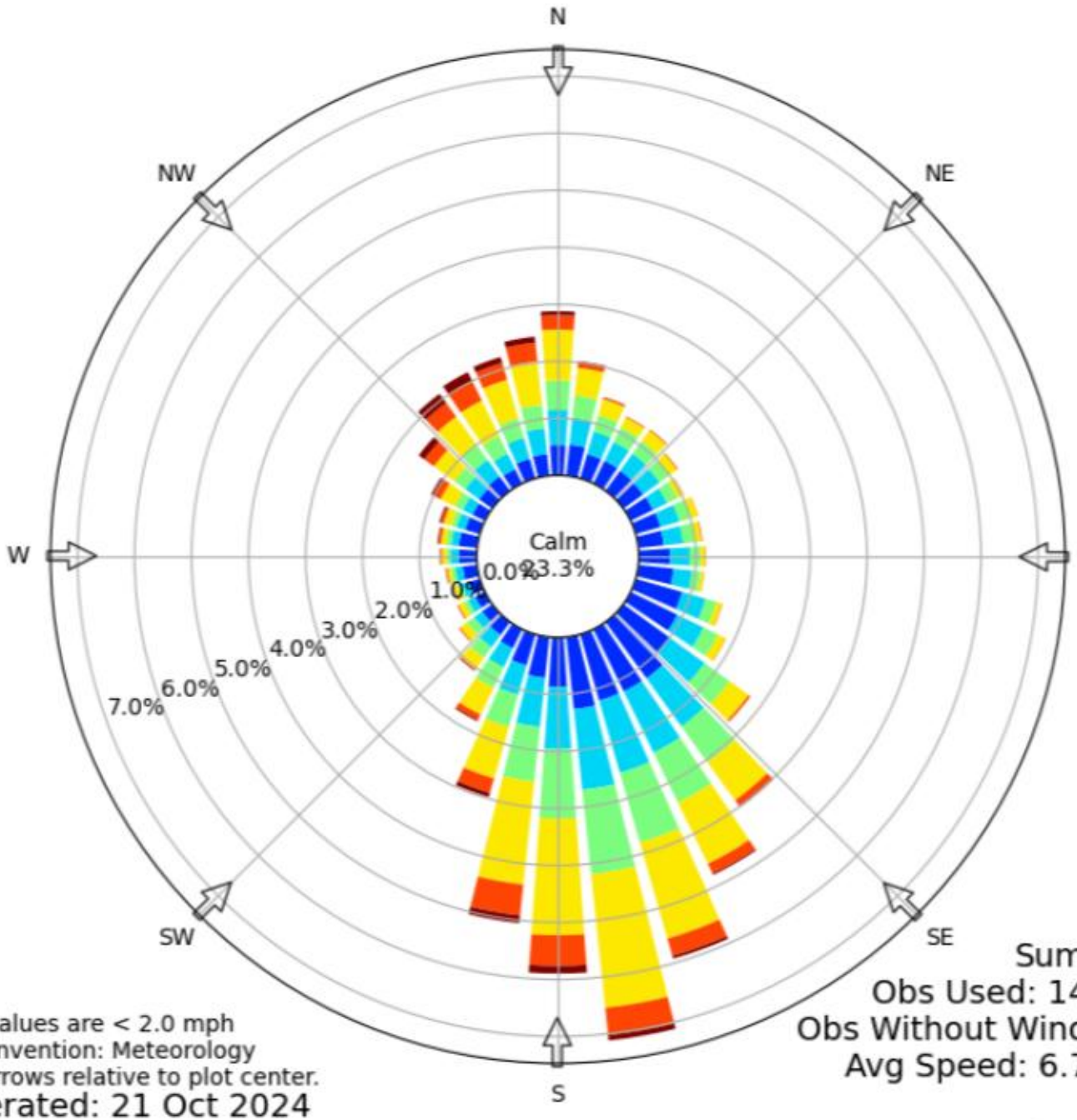
| Biosolids Production | | | |
|---|---|---|---|
| Percent Permitted Flow | Lbs. BOD/Day Removed | Lbs. Wet Sludge/Day (@2.0%) | Gal. of Wet Sludge/Day |
| 100% | 1,329 | 45,174 | 5,417 |
| 75% | 996 | 33,881 | 4,062 |
| 50% | 664 | 22,587 | 2,708 |
| 25% | 332 | 11,294 | 1,354 |

Assuming influent BOD at average temperatures and a 40% volatile solids reduction in the Aerobic Digester at 100% of design flow, sludge would flow to the solids handling building at 5,417 gallons per day. The sludge would then be dewatered to an assumed 20% solids concentration bringing the total volume of wasted sludge to 1,083 gallons/day. The capacity of the first and second phase proposed aerobic digester basins is 268,487 gallons. The digested sludge will be transported by a TCEQ registered hauler and disposed of at a registered landfill.

# **Attachment P**

Wind Rose

Windrose Plot for [LNC] LANCASTER
Obs Between: 03 Sep 2003 09:45 AM - 21 Oct 2024 03:55 AM America/Chicago




Summary
Obs Used: 147025
Obs Without Wind: 775
Avg Speed: 6.7 mph

Calm values are < 2.0 mph
Bar Convention: Meteorology
Flow arrows relative to plot center.
Generated: 21 Oct 2024

Wind Speed [mph]
2 - 4.9 | 5 - 6.9 | 7 - 9.9 | 10 - 14.9 | 15 - 19.9 | 20+

# **Attachment Q**

Copy of EPAY Voucher

# TCEQ ePay Voucher Receipt

**Transaction Information**

| | |
|---|---|
| **Voucher Number:** | 769846 |
| **Trace Number:** | 582EA000671273 |
| **Date:** | 06/06/2025 10:17 AM |
| **Payment Method:** | CC - Authorization 0000238782 |
| **Voucher Amount:** | $1,600.00 |
| **Fee Type:** | WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS |
| **ePay Actor:** | JUAN MESA |

**Payment Contact Information**

| | |
|---|---|
| **Name:** | JAYELI TUCKER |
| **Company:** | KIMLEY-HORN AND ASSOCIATES |
| **Address:** | 260 DAVIS ST 100, MCKINNEY, TX 75069 |
| **Phone:** | 469-301-2580 |

**Site Information**

| | |
|---|---|
| **Site Name:** | PECAN HILL WASTEWATER TREATMENT FACILITY |
| **Site Location:** | APPROX 0.70 MILES NORTHWEST FROM THE INTERSECTION OF FM 983 AND BRUSHY CRK RD |

**Customer Information**

| | |
|---|---|
| **Customer Name:** | LAVON SANDERS DISCHARGE LLC |
| **Customer Address:** | 14160 DALLAS PARKWAY 5TH FLR, DALLAS, TX 75254 |

# TCEQ ePay Receipt

## Transaction Information

| | |
|---|---|
| **Trace Number:** | 582EA000671273 |
| **Date:** | 06/06/2025 10:17 AM |
| **Payment Method:** | CC - Authorization 0000238782 |
| **ePay Actor:** | JUAN MESA |
| **TCEQ Amount:** | $1,650.00 |
| **Texas.gov Fee:** | $37.38 |
| **Texas.gov Price:** | $1,687.38* |

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

## Payment Contact Information

| | |
|---|---|
| **Name:** | JAYELI TUCKER |
| **Company:** | KIMLEY-HORN AND ASSOCIATES |
| **Address:** | 260 DAVIS ST 100, MCKINNEY, TX 75069 |
| **Phone:** | 469-301-2580 |

## Cart Items

| Voucher | Fee Description | AR Number | Amount |
|---|---|---|---|
| 769846 | WW PERMIT - FACILITY WITH FLOW >= .50 & < 1.0 MGD - NEW AND MAJOR AMENDMENTS | | $1,600.00 |
| 769847 | 30 TAC 305.53B WQ NOTIFICATION FEE | | $50.00 |
| | | **TCEQ Amount:** | **$1,650.00** |

# **Attachment R**

Nearby CCN's & WWTP's

3-Mile Radius

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

## Legend

- 3-Mile Radius
- Red Oak Creek Reginal WWTF WQ0013415001
- Century Property Acquisitions, LLC
- CityofRedOakSewerCCN
- Proposed WWTF Location

0 0.2 0.4 0.8 Miles

Kimley»Horn

# NEARBY CCN & WWTF

FIGURE
**EX**

Kimley»Horn

July 30, 2025

Ms. Francesca Findlay
Texas Commission on Environmental Quality
Water Quality Division Support Section
Applications Review and Processing Team (MC 148)
12100 Park 35 Circle Bldg. F
Austin, Texas 78753

**RE**: ***Application for Proposed Permit No. WQ0016848001 (EPA I.D. No. TX0148181)***
***Lavon Sanders Discharge, LLC.***
***CN606354439, RN112247275***

Dear Ms. Findlay:

Thank you for your Notice of Deficiency letter dated July 18, 2025. We are responding to each numbered item from your letter:

1. Please provide the mailing labels (Avery 5160) in a Word document.

   ***Response: The* mailing labels (Avery 5160) in a Word document has been attached herein.**

2. Please provide the translated Spanish NORI

   ***Response: Spanish NORI has been attached herein.***

3. 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. Lavon Sanders Discharge, LLC, 14160 Parkway, Floor 5, Dallas, Texas 75254, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination Systems (TPDES) Permit No. WQ0016848001 (EPA I.D. No. TX0148181) to the discharge of treated wastewater at a volume not to exceed a daily average flow of 530,000 gallons per day. The domestic wastewater treatment facility will be located approximately 0.70 miles northwest of the intersection of Farms-to-Market Road 983 and Brushy Creek Road, in the city of Red Oak, in Ellis County, Texas 75154. The discharge route will be from the plant site to PENDING TCEQ RWA REVIEW. TCEQ received this application on July 14, 2025. The permit application will be available for viewing and copying at Ennis Public Library, 501 West Ennis Avenue, Ennis, in Ellis County, Texas and prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices, are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public

courtesy and not part of the application or notice. For the exact location, refer to the application.
https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.76503,32.493211&level=18

***Response: N/A***

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

***Response: The NORI has been translated to Spanish and attached herein.***

If you have any questions, feel free to contact me at chris.connolly@kimley-horn.com or (469) 221-9829.

Sincerely,
KIMLEY-HORN AND ASSOCIATES

Christopher A. Connolly, P.E.
Project Manager

GEORGE C. WILSON JR.
270 BRUSHY CREEK RD
RED OAK, TX 75154-7402

ANA P RENDEROS DE SERRANO
278 BRUSHY CREEK RD
RED OAK, TX 75154-7402

JEROME SCHUMACHER
290 BUSHY CREEK RD
RED OAK, TX 75154

ARRAMBIDE LIVING TRUST
2855 FM 983
RED OAK, TX 75154-7305

JIMMY DON & BEVERLY L JOLLY
432 BRUSHY CREEK RD
RED OAK, TX 75154-7406

CENTURY PROPERTY ACQUISITIONS LLC
14160 DALLAS PKWY FL-5
DALLAS, TX 75254-4319

# 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.** ***Lavon Sanders Discharge, LLC, 14160 Dallas Parkway, Floor 5, Dallas, Texas 75254***, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016848001 (EPA I.D. No. TX 0148181) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 530,000 galones por día. La planta estará ubicada aproximadamente 0.70 millas noroeste de la intersección de Farm-to-Market camino 983 y Brushy Creek Camino en la ciudad de Red Oak en el Condado de Ellis, Texas 75154. La ruta de descarga estará del sitio de la planta a pendiente de TCEQ RWA revision. La TCEQ recibió esta solicitud el Julio 14, 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Ennis biblioteca publica, 501 West Ennis Avenue, Ennis, en el dondado de Ellis, 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/tpdes-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-96.76503,32.493211&level=18

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

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

**AVISO ADICIONAL.** El Director Ejecutivo de la TCEQ ha determinado que la solicitud es

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

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

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

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

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

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

**LISTA DE CORREO.** Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado 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 del Lavon Sanders Discharge, LLC a la dirección indicada arriba o llamando a *Christopher Connolly, P.E., Ingeniero Profesional/Kimley-Horn and Associates, a 469-221-9829.*

Fecha de emisión: *[Date notice issued]*

| Property Number: | Property Owners Information: |
|---|---|
| 1 | George C. Wilson Jr.<br>270 BRUSHY CREEK RD<br>RED OAK TX 75154-7402 |
| 2 | Ana P. Renderos De Serrano<br>278 BRUSHY CREEK RD<br>RED OAK TX 75154-7402 |
| 3 | JEROME SCHUMACHER<br>290 BRUSHY CREEK RD<br>RED OAK TX 75154 |
| 4 | ARRAMBIDE LIVING TRUST<br>2855 FM 983<br>RED OAK TX 75154-7305 |
| 5 | JIMMY DON & BEVERLY L JOLLY<br>432 BRUSHY CREEK RD<br>RED OAK TX 75154-7406 |
| 6 | CENTURY PROPERTY ACQUISITIONS LLC<br>14160 DALLAS PKWY FL-5<br>DALLAS TX, 75254-4319 |

**Francesca Findlay**

**From:** Mesa, Juan <Juan.Mesa@kimley-horn.com>
**Sent:** Wednesday, July 30, 2025 9:30 AM
**To:** Francesca Findlay
**Cc:** Connolly, Chris
**Subject:** RE: WQ0016848001 Lavon Sanders Discharge LLC
**Attachments:** Avery5160EasyPeelAddressLabels.doc; Municipal Discharge New Spanish NORI.docx; 2025-07-30_Response to NOD.pdf

Good morning Francesca,

Here is our reply to the NOD we received on July 18, 2025.

Please let me know if there's is anything else you need.

Thank you,

Juan

---

**From:** Francesca Findlay <Francesca.Findlay@tceq.texas.gov>
**Sent:** Friday, July 18, 2025 11:02 AM
**To:** Mesa, Juan <Juan.Mesa@kimley-horn.com>
**Cc:** Connolly, Chris <Chris.Connolly@kimley-horn.com>
**Subject:** FW: WQ0016848001 Lavon Sanders Discharge LLC



Dear Mr. Mesa:

The attached Notice of Deficiency letter sent on July 18, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response to my attention August 1, 2025.

Thank you,

Francesca Findlay
License & Permit Specialist
ARP Team | Water Quality Division
512-239-2441
Texas Commission on Environmental Quality


Please consider whether it is necessary to print this e-mail

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

GEORGE C. WILSON JR.
270 BRUSHY CREEK RD
RED OAK, TX 75154-7402

ANA P RENDEROS DE SERRANO
278 BRUSHY CREEK RD
RED OAK, TX 75154-7402

JEROME SCHUMACHER
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RED OAK, TX 75154

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