



Administrative Package Cover Page

This file contains the following documents:

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



Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PROPOSED PERMIT NO. WQ0016632001

APPLICATION. 636 Denton Dev Company, LLC, 129 South Main Street, Suite 260, Grapevine, Texas 76051, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016632001 (EPA I.D. No. TX0146676) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 480,000 gallons per day. The domestic wastewater treatment facility will be located approximately 3,400 feet northwest of the intersection of Farm-to-Market Road 2164 and Milam Road East, near the city of Denton, in Denton County, Texas 76207. The discharge route will be from the plant site to an unnamed tributary of Moores Branch; thence to Moores Branch; thence to Clear Creek; thence to Lewisville Lake. TCEQ received this application on September 24, 2024. The permit application will be available for viewing and copying at Denton North Branch Library, main desk, 3020 North Locust Street, Denton, in Denton County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.138333,33.305833&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 636 Denton Dev Company, LLC at the address stated above or by calling Mr. Kevin Ware, P.E., KJ Environmental Management, Inc., at 940-208-0172.

Issuance Date: October 18, 2024

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO NO. WQ0016632001

SOLICITUD. 636 Denton Dev Company, LLC, 129 South Main Street, Suite 260, Grapevine, Texas 76051, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016632001 (EPA I.D. No. TX0146676) 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 480,000 galones por día. La planta está ubicada 3,400 pies al noroeste de la intersección de Milam Road East y Farm-to-Market Road 2164, cerca de la ciudad de Denton, en el Condado de Denton, Texas. La ruta de descarga es del sitio de la planta a un afluente no identificado de Moores Branch; de allí a Moores Branch; de allí a Clear Creek; de allí al lago Lewisville. La TCEQ recibió esta solicitud el 24 de Septiembre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca de Denton North Branch, escritorio principal, 3020 North Locust Street, Denton, en el condado de Denton, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluidas las actualizaciones, y los avisos asociados están disponibles 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=-97.138333.33.305833&level=18>

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

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

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO.

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

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

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

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

designe cual lista(s) y envia por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

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

También se puede obtener información adicional del 636 Denton Dev Company, LLC a la dirección indicada arriba o llamando a Sr. Kevin Ware, P.E., KJ Environmental Management, Inc., al 940-208-0172.

Fecha de emission: 18 de octubre de 2024



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

636 Denton Dev Company, LLC (2. Enter Customer Number here (i.e., CN6#####)) proposes to operate Sundance Wastewater (5. Enter Regulated Entity Number here (i.e., RN1#####)), a wastewater treatment plant. The facility will be located at 3,400 feet northwest of the intersection of Milam Road East and Farm-to-Market Road 2164, in Denton, Denton County, Texas 76207. The wastewater treatment plant is proposed to be constructed in three phases. Each phase is proposed to consist of sequencing batch reactors served by flow equalization tanks to process up to 480,000 gallons per day. Residuals will be routed to separate sludge holding tanks to maintain optimal suspended solid conditions in the sequencing batch reactors. The treated wastewater will then be filtered by multimedia and activated carbon filters prior to disinfection by ultraviolet light per 30 TAC 217 Subchapter L. Stabilized effluent will be discharged into an intermittent tributary of Moores Branch.

Discharges from the facility are expected to contain no pollutants. Domestic wastewater will be treated by sequencing batch reactors designed in conformance with 30 TAC 217.156.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

636 Denton Dev Company, LLC (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar Sundance Wastewater 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), una planta de tratamiento de aguas residuales. La instalación estará ubicada en 3,400 pies al noroeste de la intersección de Milam Road East y Farm-to-Market Road 2164, en Denton, Condado de Denton, Texas 76207. Se propone que la planta de tratamiento de aguas residuales se construya en tres fases. Se propone que cada fase consista en reactores discontinuos secuenciales servidos por tanques de ecualización de flujo para procesar hasta 480,000 galones por día. Los residuos se dirigirán a tanques de retención de lodos separados para mantener condiciones óptimas de sólidos suspendidos en los reactores discontinuos secuenciales. Luego, las aguas residuales tratadas se filtrarán mediante filtros multimedia y de carbón activado antes de la desinfección con luz ultravioleta según 30 TAC 217 Subcapítulo L. El efluente estabilizado se descargará en un afluente intermitente de Moores Branch.

Se espera que las descargas de la instalación contengan sin contaminantes. Las aguas residuales domésticas. estará tratado por reactores discontinuos secuenciales diseñados de acuerdo con 30 TAC 217.156.

APPLICATION FOR TEXAS POLLUTANT DISCHARGE ELIMINATION SYSTEM (TPDES) PERMIT

PREPARED FOR:

636 DENTON DEV COMPANY, LLC
129 S. MAIN STREET, SUITE 260
GRAPEVINE, TEXAS 76051
PHONE: (941) 928-7297

SITE LOCATION:

LATITUDE: 33.305846°
LONGITUDE: -97.138363°
DENTON COUNTY, TEXAS

PREPARED BY:



500 MOSELEY ROAD
CROSS ROADS, TEXAS 76227
PHONE: (940) 387-0805
WWW.KJE-US.COM
TEXAS FIRM F-12214

September 6, 2024



September 6, 2024

Texas Commission on Environmental Quality
Water Quality Division
Applications Review and Processing Team (MC148)
P.O. Box 13087
Austin, TX 78711-3087

Dear TCEQ Staff,

KJ Environmental Mgt., Inc. (KJE), on behalf of 636 Denton Dev Company, LLC, is respectfully submitting to the Texas Commission on Environmental Quality (TCEQ) an application for a Texas Pollution Discharge Elimination System (TPDES) permit for the Sundance Wastewater Facility located in Denton County, Texas.

To facilitate the TCEQ's review of this permit application, the application has been prepared in accordance with the TPDES permitting guidance materials and includes all supporting documents to address the TCEQ permit requirements.

636 Denton Dev Company, LLC is dedicated to developing a wastewater treatment facility (WWTF) that provides a much-needed service in the area, while operating the facility in accordance with TCEQ regulations and guidelines to maintain the highest standards of environmental protection.

Thank you for your assistance with this permit application. Once you have had a chance to review this information, please do not hesitate to contact us if you have any questions or require further clarifications regarding this application.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Kevin Ware', is positioned above the printed name and title of Kevin Ware.

Kevin Ware, PE
CEO
940-208-0172
kware@kje-us.com

A handwritten signature in blue ink, appearing to read 'Eric Crews', is positioned above the printed name and title of Eric Crews.

Eric Crews
Sr. Designer
940-208-0168
ecrews@kje-us.com

KJ Environmental Mgt., Inc. | Texas Firm F-12214

SECTION 1
DOMESTIC WASTEWATER PERMIT APPLICATION
TCEQ-10053

CHECKLIST



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: 636 Denton Dev Company, LLC

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

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

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

For TCEQ Use Only

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

ADMINISTRATIVE REPORT 1.0



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number:

Check/Money Order Amount:

Name Printed on Check:

EPAY Voucher Number:

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

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

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

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

- ☐ Active ☒ Inactive

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

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

d. Check the box next to the appropriate application type

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

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

f. For existing permits:

Permit Number: WQ00 Click to enter text.

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

Expiration Date: Click to enter text.

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

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

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

636 Denton Dev Company, LLC

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

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

CN: Click to enter text.

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

Prefix: Mr.

Last Name, First Name: Rushnell, Devon

Title: Manager

Credential: Florida PE #47082 (Reg. 1993)

B. Co-applcant 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-applcant 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 1A Core Data Form

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: Crews, Eric

Title: Sr. Designer

Credential: Click to enter text.

Organization Name: KJ Environmental Mgt., Inc.

Mailing Address: PO Box 831

City, State, Zip Code: Aubrey, Texas 76227

Phone No.: 940-208-0168

E-mail Address: ecrews@kje-us.com

Check one or both: ☒

Administrative Contact

☐

Technical Contact

B. Prefix: Mr.

Last Name, First Name: Ware, Kevin

Title: CEO

Credential: PE

Organization Name: KJ Environmental Mgt., Inc.

Mailing Address: PO Box 831

City, State, Zip Code: Aubrey, Texas 76227

Phone No.: 940-208-0172

E-mail Address: kware@kje-us.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: Breen, Logan

Title: Managing Partner

Credential: Click to enter text.

Organization Name: 636 Denton Dev Company, LLC

Mailing Address: 129 S. Main Street, Suite 260 City, State, Zip Code: Grapevine, Texas 76051

Phone No.: 941-928-7297

E-mail Address: logan@1inarow.com

B. Prefix: Mr. Last Name, First Name: Rushnell, Devon
Title: Manager Credential: Florida PE #47082 (Reg. 1993)
Organization Name: 636 Denton Dev Company, LLC
Mailing Address: 129 S. Main Street, Suite 260 City, State, Zip Code: Grapevine, Texas 76051
Phone No.: 813-781-7219 E-mail Address: devonrushnell@landbuilder.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: Breen, Logan
Title: Managing Partner Credential: Click to enter text.
Organization Name: 636 Denton Dev Company, LLC
Mailing Address: 129 S. Main Street, Suite 260 City, State, Zip Code: Grapevine, Texas 76051
Phone No.: 941-928-7297 E-mail Address: logan@inarow.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: Rushnell, Devon
Title: Managing Partner Credential: Florida PE #47082 (Reg. 1993)
Organization Name: 636 Denton Dev Company, LLC
Mailing Address: 129 S. Main Street, Suite 260 City, State, Zip Code: Grapevine, Texas 76051
Phone No.: 813-781-7219 E-mail Address: devonrushnell@landbuilder.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Ware, Kevin
Title: CEO Credential: PE
Organization Name: KJ Environmental Mgt., Inc.
Mailing Address: PO Box 831 City, State, Zip Code: Aubrey, Texas 76227
Phone No.: 940-208-0172 E-mail Address: kware@kje-us.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: Ware, Kevin
Title: CEO Credential: PE
Organization Name: KJ Environmental Mgt., Inc.
Mailing Address: PO Box 831 City, State, Zip Code: Aubrey, Texas 76227
Phone No.: 940-208-0172 E-mail Address: kware@kje-us.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: Denton Public Library North Branch
Location within the building: Main Desk
Physical Address of Building: 3020 N. Locust St.
City: Denton County: Denton
Contact (Last Name, First Name): Ivey, Rebecca
Phone No.: 940-349-8724 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: Attachment 1B Plain Language Summary

G. Public Involvement Plan Form

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

Attachment: Attachment 1C Public Involvement Plan

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):

Sundance Wastewater

C. Owner of treatment facility: 636 Denton Dev Company, 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: Rushnell, Devon

Title: Manager

Credential: Click to enter text.

Organization Name: 636 Denton Dev Company, LLC

Mailing Address: 129 S. Main Street, Suite 260 City, State, Zip Code: Grapevine, Texas 76051

Phone No.: 813-781-7219

E-mail Address: devonrushnell@landbuilder.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 is located 3,400 feet northwest of the intersection of Milam Road East and Farm-to-Market Road 2164.

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 is a two-inch pipe from the wastewater treatment facility. The discharge route is through a two-inch pipe to an unnamed tributary of Moores Branch; thence to Moores Branch; thence to Clear Creek; thence to Lewisville Lake.

City nearest the outfall(s): Denton

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

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: N/A

- C. County in which the disposal site is located: N/A

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

N/A

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

- 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: David Galindo

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: Click to enter text.

Amount past due: Click to enter text.

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: Click to enter text.

Amount past due: Click to enter text.

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: Core Data Form, Plain Language Summary, Public Involvement Plan, Affected Landowners Map, Original Photographs, Buffer Zone Map, and Supplemental Permit Information Form (SPIF).

Section 14. Signature Page (Instructions Page 34)

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

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

Applicant: 636 Denton Dev Company, 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.

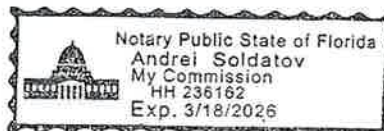
Signatory name (typed or printed): Devon Rushnell

Signatory title: Manager

Signature: [Signature] Date: 9-20-24
(Use blue ink)

Subscribed and Sworn to before me by the said Rushnell Devon
on this 20 day of September, 20 24.
My commission expires on the 18 day of March, 20 26.

Notary Public [Signature]



[SEAL]

County, ~~Texas~~ HERNANDO, FL

[Signature]

ADMINISTRATIVE REPORT 1.1

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: Denton County Appraisal District

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

- ☐ Yes ☒ No

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

Click to enter text.

Section 2. Original Photographs (Instructions Page 38)

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

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

Section 3. Buffer Zone Map (Instructions Page 38)

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

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

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

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

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

- ☒ Yes
- ☐ No

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: Attachment 1H Supplemental Permit Information Form (SPIF)

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

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

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

5. APPLICATION INFORMATION

Name of Project or Site: Sundance Wastewater

Physical Address of Project or Site: 3,400 feet northwest of the intersection of Milam Road East and Farm-to-Market Road 2164, Denton County, Texas

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

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

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

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

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

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

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

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
(Full-size map if seeking "New" permit.
8 1/2 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 1A
CORE DATA FORM**



TCEQ Core Data Form

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

SECTION I: General Information

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

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)					
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership							
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)							
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>							
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:					
636 Denton Dev Company, LLC							
7. TX SOS/CPA Filing Number 805627764	8. TX State Tax ID (11 digits) 32095967009	9. Federal Tax ID (9 digits) 88-2451482	10. DUNS Number (if applicable)				
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited				
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship	<input type="checkbox"/> Other:					
12. Number of Employees <input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		13. Independently Owned and Operated? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No					
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following							
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:							
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant							
15. Mailing Address:	129 S. Main Street, Suite 260						
	City	Grapevine	State	TX	ZIP	76051	ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)			
				devonrushman@landbuilder.com			
18. Telephone Number (813) 781-7219		19. Extension or Code		20. Fax Number (if applicable) () -			

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If New Regulated Entity is selected, a new permit application is also required.)	
<input checked="" type="checkbox"/> New Regulated Entity <input type="checkbox"/> Update to Regulated Entity Name <input type="checkbox"/> Update to Regulated Entity Information	
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Sundance Wastewater	
23. Street Address of the Regulated Entity:	

(No PO Boxes)							
	City		State		ZIP		ZIP + 4
24. County	Denton						

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

25. Description to Physical Location:	From FM 2164, head west on Milam Rd E. In 0.4 miles, turn right and head north for 0.5 miles. Turn right at the third roundabout. In 550 feet, the wastewater treatment plant will be on the left.						
26. Nearest City	Denton				State	TX	Nearest ZIP Code
							76207
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:	33.305846			28. Longitude (W) In Decimal:	-97.138363		
Degrees	Minutes	Seconds		Degrees	Minutes	Seconds	
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)		
4952			221320				
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>							
Wastewater treatment							
34. Mailing Address:	129 S. Main Street, Suite 260						
	City	Grapevine	State	TX	ZIP	76051	ZIP + 4
35. E-Mail Address:	devonrushnell@landbuilder.com						
36. Telephone Number	37. Extension or Code			38. Fax Number <i>(if applicable)</i>			
(813) 781-7219				() -			

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

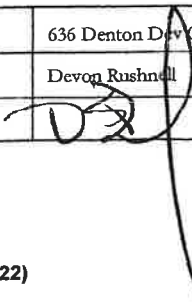
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review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

SECTION IV: Preparer Information

40. Name:	Eric Crews	41. Title:	Sr. Designer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(940) 208-0168		() -	ecrews@kje-us.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:	636 Denton Dev Company, LLC	Job Title:	Manager
Name (In Print):	Devon Rushnell	Phone:	(813) 781- 7219
Signature:		Date:	9-19-21

ATTACHMENT 1B
PLAIN LANGUAGE SUMMARY



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

636 Denton Dev Company, LLC (2. Enter Customer Number here (i.e., CN6#####)) proposes to operate Sundance Wastewater (5. Enter Regulated Entity Number here (i.e., RN1#####)), a wastewater treatment plant. The facility will be located at 3,400 feet northwest of the intersection of Milam Road East and Farm-to-Market Road 2164, in Denton, Denton County, Texas 76207. The wastewater treatment plant is proposed to be constructed in three phases. Each phase is proposed to consist of sequencing batch reactors served by flow equalization tanks to process up to 480,000 gallons per day. Residuals will be routed to separate sludge holding tanks to maintain optimal suspended solid conditions in the sequencing batch reactors. The treated wastewater will then be filtered by multimedia and activated carbon filters prior to disinfection by ultraviolet light per 30 TAC 217 Subchapter L. Stabilized effluent will be discharged into an intermittent tributary of Moores Branch.

Discharges from the facility are expected to contain no pollutants. Domestic wastewater will be treated by sequencing batch reactors designed in conformance with 30 TAC 217.156.

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

AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

636 Denton Dev Company, LLC (2. Introduzca el número de cliente aquí (es decir, CN6#####).) propone operar Sundance Wastewater 5. Introduzca el número de entidad regulada aquí (es decir, RN1#####), una planta de tratamiento de aguas residuales. La instalación estará ubicada en 3,400 pies al noroeste de la intersección de Milam Road East y Farm-to-Market Road 2164, en Denton, Condado de Denton, Texas 76207. Se propone que la planta de tratamiento de aguas residuales se construya en tres fases. Se propone que cada fase consista en reactores discontinuos secuenciales servidos por tanques de ecualización de flujo para procesar hasta 480,000 galones por día. Los residuos se dirigirán a tanques de retención de lodos separados para mantener condiciones óptimas de sólidos suspendidos en los reactores discontinuos secuenciales. Luego, las aguas residuales tratadas se filtrarán mediante filtros multimedia y de carbón activado antes de la desinfección con luz ultravioleta según 30 TAC 217 Subcapítulo L. El efluente estabilizado se descargará en un afluente intermitente de Moores Branch.

Se espera que las descargas de la instalación contengan sin contaminantes. Las aguas residuales domésticas. estará tratado por reactores discontinuos secuenciales diseñados de acuerdo con 30 TAC 217.156.

INSTRUCTIONS

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

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WO-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671.

Example

Individual Industrial Wastewater Application

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

ABC Corporation (CN6000000000) operates the Starr Power Station (RN10000000000), a two-unit gas-fired electric generating facility. Unit 1 has a generating capacity of 393 megawatts (MWs) and Unit 2 has a generating capacity of 528 MWs. The facility is located at 1356 Starr Street, near the City of Austin, Travis County, Texas 78753.

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

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

Cooling water and boiler make-up water are supplied by Lake Starr Reservoir. The City of Austin municipal water plant (CN6000000000, PWS 00000) supplies the facility’s potable water and serves as an alternate source of boiler make-up water. Water from the Lake Starr Reservoir is withdrawn at the intake structure and treated with sodium hypochlorite to prevent biofouling and sodium bromide as a chlorine enhancer to improve efficacy and then passed through condensers and auxiliary equipment on a once-through basis to cool equipment and condense exhaust steam.

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

ATTACHMENT 1C
PUBLIC INVOLVEMENT PLAN



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.

Site is in a rural part of Denton County and none of the natural resources will be adversely impacted.

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 1D
USGS MAP



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



SANGER QUADRANGLE
TEXAS - DENTON COUNTY
7.5 MINUTE SERIES

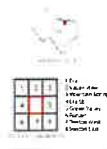


Produced by the United States Geological Survey
Data derived from USGS 7.5 Minute Series
and a combination of other sources. The map is
a composite of several maps and is not a
survey map. It is not to be used for
navigation or other purposes requiring
high accuracy. It is for general reference
only.



SCALE 1:24,000

USGS is not responsible for any errors or
omissions in this map. It is for general
reference only.



SANGER, TX
2012



SHEET:

1D

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

USGS MAP (WEST)
WWTP PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214



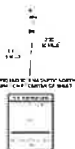
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



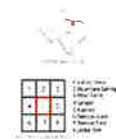
GREEN VALLEY QUADRANGLE
TEXAS - DENTON COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
This map is a derivative of the 7.5-minute topographic map of the Green Valley area, Texas, published by the United States Geological Survey. The map is not to be used for any purpose other than that for which it was specifically designed. The map is not to be used for any purpose other than that for which it was specifically designed.



THIS MAP IS A DERIVATIVE OF THE 7.5-MINUTE TOPOGRAPHIC MAP OF THE GREEN VALLEY AREA, TEXAS, PUBLISHED BY THE UNITED STATES GEOLOGICAL SURVEY. THE MAP IS NOT TO BE USED FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT WAS SPECIFICALLY DESIGNED.



GREEN VALLEY, TX
2022



SHEET:

1D

DATE: 09/06/2024

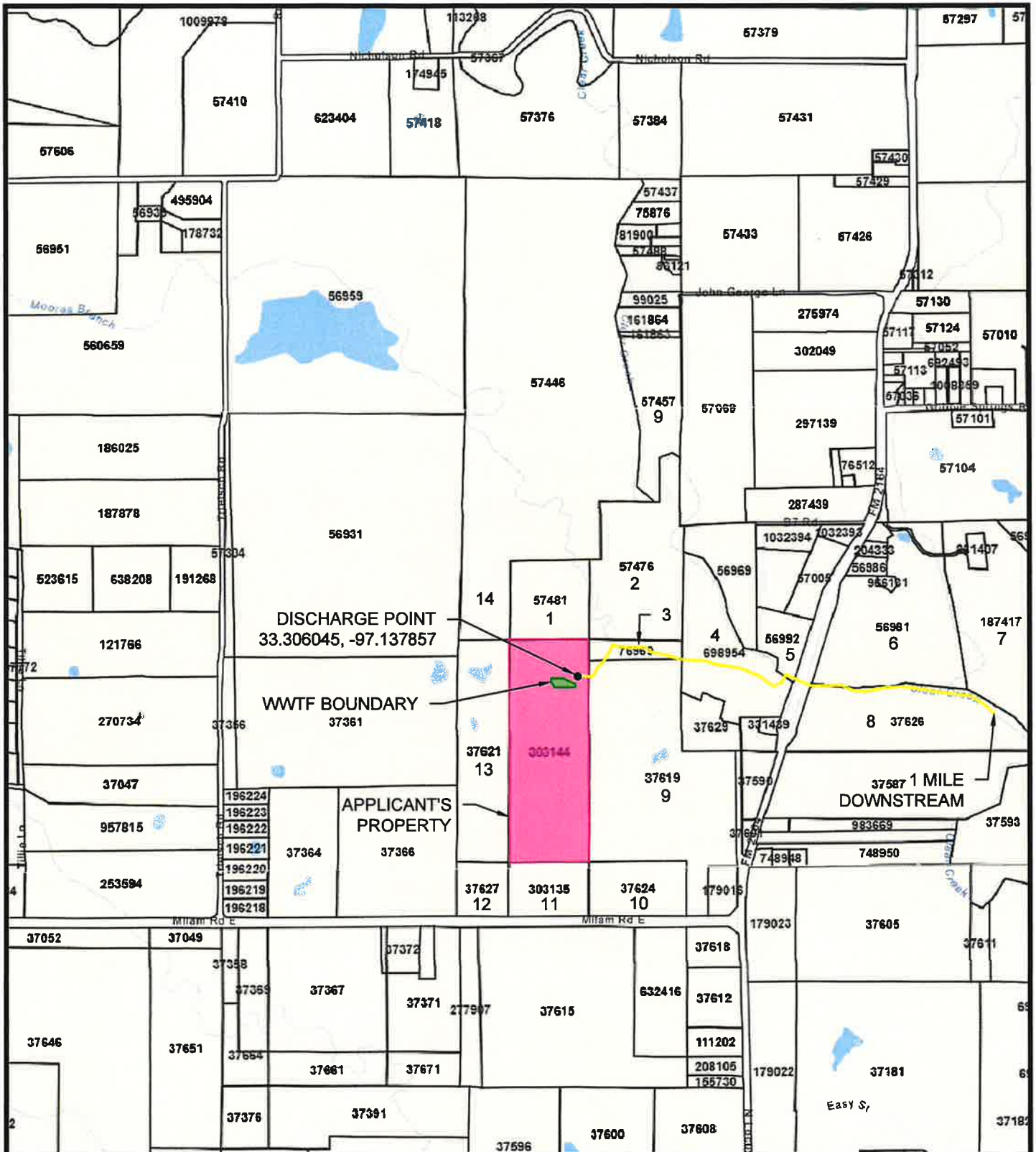
**THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY**

USGS MAP (EAST)
WWTP PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS

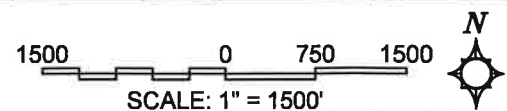


KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

ATTACHMENT 1E
AFFECTED LANDOWNERS MAP



NOTE:
THE DENTON CENTRAL APPRAISAL DISTRICT GIS MAP WAS USED
TO GENERATE THIS MAP.



SHEET:

1E

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

AFFECTED LANDOWNERS MAP

WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

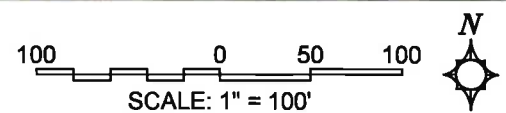
AFFECTED LANDOWNERS

Map ID	Property ID	Owner	Street	City	State	Zip
1	57481	636 Denton Dev Company LLC	1491 2 nd St, Ste B	Sarasota	FL	34236
2	57476	Klein, John W Life Estate &				
3	76969	Quiring, Brenda K & Klein, Stanley Keith % Kevin Klein	2825 Hanover St	Dallas	TX	75225-7925
4	698954	Dennedy, Keith W & Caren H	19 Grovenor Ct	Dallas	TX	75225-2458
5	56992	Belcher, E W & Wanda C/O Roger Yale	1417 E McKinney St, Ste 220	Denton	TX	76209-2504
6	56981	George, Victor R	6632 FM 2164	Sanger	TX	76266-4510
7	187417	Erwin, Toni M & Benny C	315 B7 Rd	Sanger	TX	76266-4534
8	37626	Miles 2164 LLC	831 Caublestone Hill Dr	Argyle	TX	76226-6871
9	37619	Klein, Judy Lynn	990 Milam Rd E	Sanger	TX	76266-7478
10	37624					
11	303135	636 Denton Dev Company LLC	1491 2 nd St, Ste B	Sarasota	FL	34236
12	37627	Ciputra, Cakra	656 Milam Rd	Sanger	TX	76266
13	37621					
14	57446	Eagle Farms Inc et al	1809 Hinkle Dr, Ste 100	Denton	TX	76201-1768

ATTACHMENT 1F
ORIGINAL PHOTOGRAPHS



NOTE:
GOOGLE EARTH WAS USED TO GENERATE THIS MAP.



SHEET:

1F

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

ORIGINAL PHOTOGRAPHS MAP

WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214



PHOTO 1: WWTF SITE

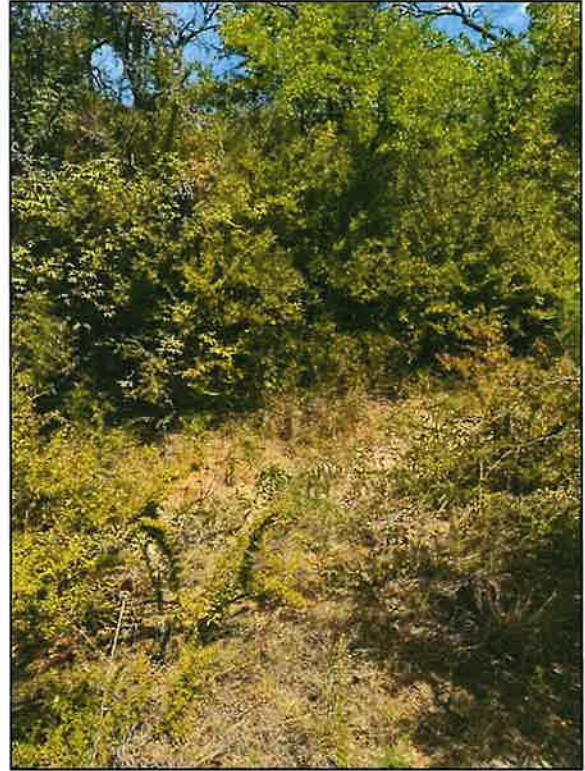


PHOTO 2: AREA OF DISCHARGE POINT



PHOTO 3: UPSTREAM OF DISCHARGE POINT

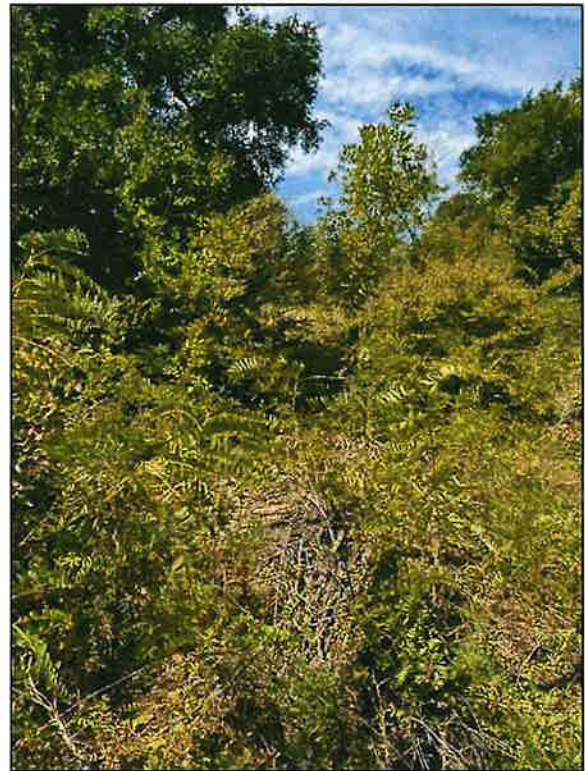


PHOTO 4: DOWNSTREAM OF DISCHARGE POINT

SHEET:

1F

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

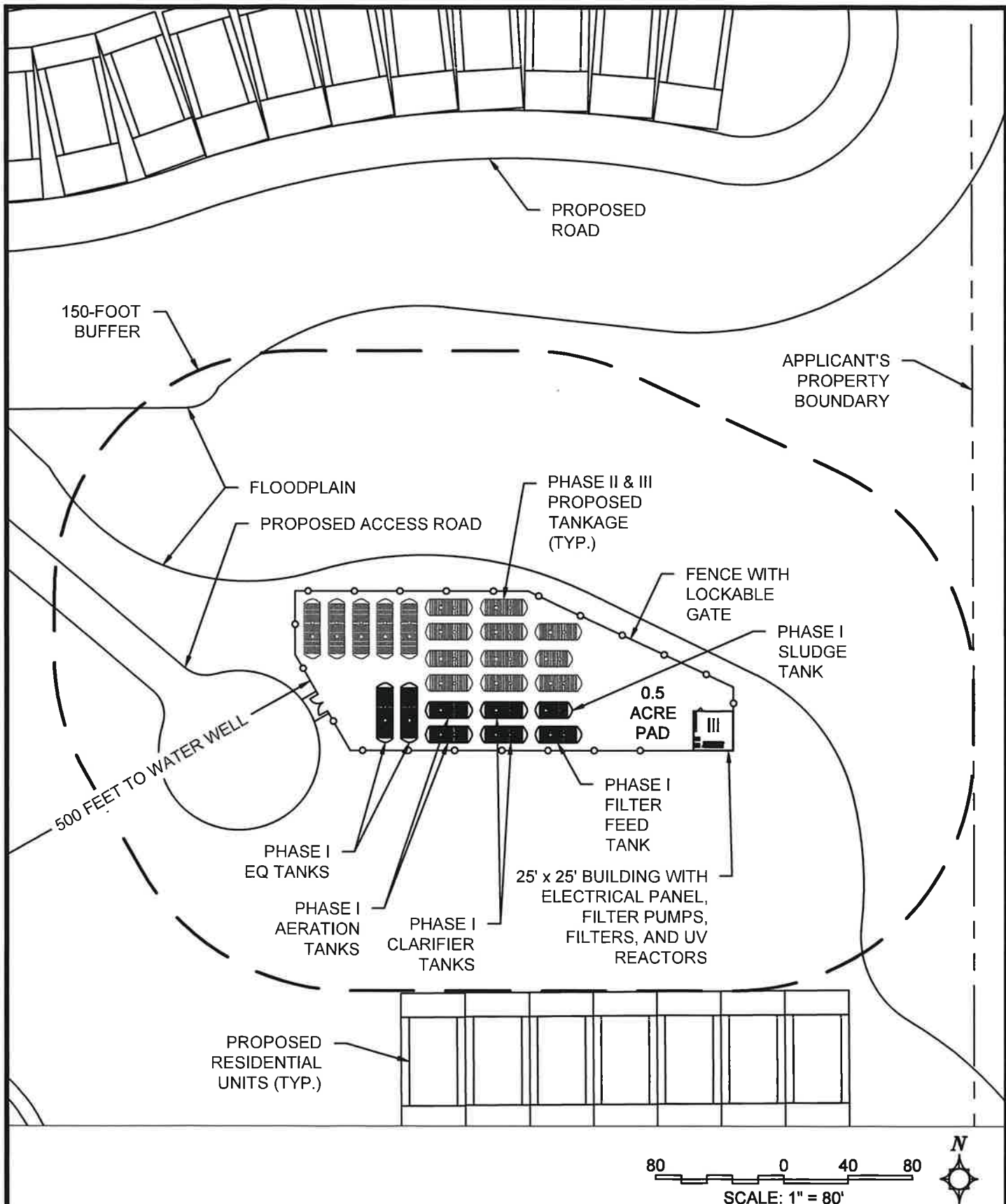
ORIGINAL PHOTOGRAPHS

WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

ATTACHMENT 1G
BUFFER ZONE MAP



SHEET:

1G

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

BUFFER ZONE MAP

WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

ATTACHMENT 1H
SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: 636 Denton Dev Company, LLC

Permit No. WQ00

EPA ID No. TX

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

3,400 feet northwest of the intersection of Milam Road East and Farm-to-Market Road 2164, Denton 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: Devon Rushnell

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

Title: Manager

Mailing Address: 129 S. Main Street, Suite 260

City, State, Zip Code: Grapevine, Texas 76051

Phone No.: 813-781-7219 Ext.: Fax No.:

E-mail Address:

2. List the county in which the facility is located: Denton
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 is a two-inch pipe from the wastewater treatment facility. The discharge route is through a two-inch pipe to an unnamed tributary of Moores Branch; thence to Moores Branch; thence to Clear Creek; thence to Lewisville Lake (Classified Segment Number: 0823).

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):

Construction of the wastewater treatment plant will impact approximately 0.5 acres.

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

The existing site consists of ranchland, which will be cleared for the installation of a subdivision consisting of single-family residential with a small portion of mixed commercial and its associated infrastructure.

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:

The anticipated construction start date for Phase I is 09/2025. The anticipated construction start date for Phase II is 01/2027. The anticipated construction start date for the Final Phase is 01/2030.

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

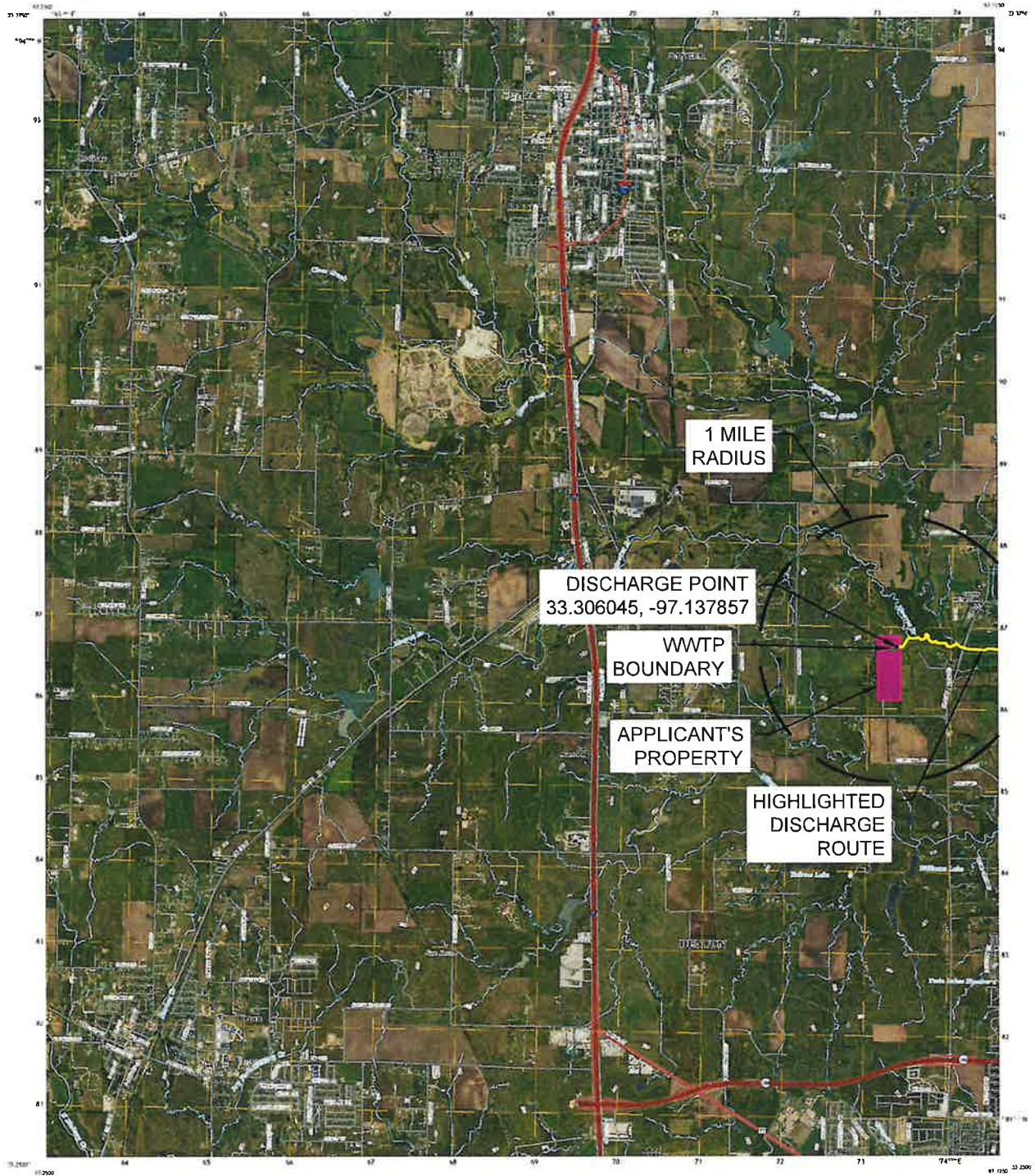
The property has been ranchland, purchased by 636 Denton Dev Company, LLC. The architect/builder are to be determined.



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



SANGER QUADRANGLE
TEXAS - DENTON COUNTY
7.5-MINUTE SERIES

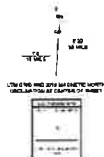




Produced by the United States Geological Survey

Photocopy of the United States Geological Survey
 North American Sheet of 1985 (04641)
 Marine Geologic System of 1988 (04645). Projection and
 a 302 meter grid/longitude Transverse Mercator Zone 14f
 The maps are a legal document. Boundaries may be
 given for the map board. Private lands not be government
 boundaries may not be shown. Court decisions may be
 available through USGS.

Accounting period		July 1, September 2004	September 2004
Revenue	U.S. Dollars	18.15	20.0
Expenses		10.00	10.0
Profit/loss		8.15	10.0
Assets		10.00	10.0
Liabilities		10.00	10.0
Equity		10.00	10.0



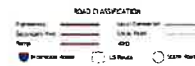
SCALE 1:24 000



This map was produced in compliance with the
National Oceanic and Atmospheric Administration's
National Ocean Mapping Policy of 1993.



ROAD CLASSIFICATION



GREEN VALLEY, TX

2037

SHEET:

1H

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

USGS MAP (EAST)
WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

SECTION 2
DOMESTIC WASTEWATER PERMIT APPLICATION
TCEQ-10054

TECHNICAL REPORT 1.0



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): 0.12

2-Hr Peak Flow (MGD): 0.48

Estimated construction start date: 09/2025

Estimated waste disposal start date: Click to enter text.

B. Interim II Phase

Design Flow (MGD): 0.3

2-Hr Peak Flow (MGD): 1.2

Estimated construction start date: 01/2027

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.48

2-Hr Peak Flow (MGD): 1.92

Estimated construction start date: 01/2030

Estimated waste disposal start date: Click to enter text.

D. Current Operating Phase

Provide the startup date of the facility: N/A

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.**

A detailed description of the treatment process is included with the Process Flow Diagram in Attachment 2A.

B. Treatment Units

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

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
See Attachment 2A		

C. Process Flow Diagram

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

Attachment: Attachment 2A Process Flow Diagram

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

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

- Latitude: 33.306045
- Longitude: -97.137857

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: Attachment 2B Site Drawing

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

The initial facility is planned to serve the Sundance Ranch subdivision with 500 initial Equivalent Dwelling Units (EDUs) on approximately 85 acres. The final buildout plan is designed to serve 2,000 EDUs on approximately 633 acres.

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
Sundance Wastewater Collection System	Sundance Ranch	Privately Owned	7,000
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

Click to enter text.

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☐ Yes ☒ No

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

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

The plant design and buffer zone requirements have been integrated into the initial planned community layout.

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

Click to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

Click to enter text.

4. Grease and decanted liquid disposal

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

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

Click to enter text.

E. Stormwater management

1. Applicability

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. MSGP coverage

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

☐ Yes ☐ No

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

TXR05 [Click to enter text.](#) or TXRNE [Click to enter text.](#)

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

☐ Yes ☐ No

3. Conditional exclusion

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

☐ Yes ☐ No

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

Click to enter text.

4. Existing coverage in individual permit

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

☐ Yes ☐ No

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

Click to enter text.

5. Zero stormwater discharge

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

☐ Yes ☐ No

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

Click to enter text.

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

6. Request for coverage in individual permit

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

☐ Yes ☐ No

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

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

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☐ Yes ☒ No

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

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

1. Acceptance of sludge from other WWTPs

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

☐ Yes ☒ No

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

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

Click to enter text.

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

Click to enter text.

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

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

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

☐ Yes ☒ No

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

Click to enter text.

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

Is the facility in operation?

☐ Yes ☒ No

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

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

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

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

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

*TPDES permits only

†TLAP permits only

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

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

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: 636 Denton Dev Company, LLCFacility Operator's License Classification and Level: To Be DeterminedFacility Operator's License Number: To Be Determined

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

A. WWTP's Biosolids Management Facility Type

Check all that apply. See instructions for guidance

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

B. WWTP's Biosolids Treatment Process

Check all that apply. See instructions for guidance.

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

C. Biosolids Management

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

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk		Class B: PSRP Aerobic Digestion	Option 11: Biosolids covered at end of each day
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: [City of Denton Landfill](#)

TCEQ permit or registration number: [1590A](#)

County where disposal site is located: [Denton](#)

E. Transportation method

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

Name of the hauler: [Pinkston Wastewater](#)

Hauler registration number: [21671](#)

Sludge is transported as a:

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

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

A. Beneficial use authorization

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No

B. Sludge processing authorization

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

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

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

☐ Yes ☐ No

Section 11. Sewage Sludge Lagoons (Instructions Page 53)

Does this facility include sewage sludge lagoons?

☐ Yes ☒ No

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

A. Location information

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

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

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

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

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

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

[Click to enter text.](#)

B. Temporary storage information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

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

E. Groundwater monitoring

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

☐ Yes ☐ No

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

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

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

A. Additional authorizations

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

☐ Yes ☒ No

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

Click to enter text.

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

Click to enter text.

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

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

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: Devon Rushnell

Title: Manager

Signature: _____

Date: _____

TECHNICAL REPORT 1.1

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

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

The land with the proposed plant service area, approximately 633 acres in total, is in the process of being platted with Denton County. The area served by the proposed plant will consist primarily of single-family residential with a smaller portion of mixed commercial land use. To estimate wastewater flows, we have assumed 2000-EDU's, approximately 3-EDU/AC equivalent across the whole service area and 393.75-gal/day/EDU to arrive at a total of 787,500-gal/day AADF.

B. Regionalization of facilities

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

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

1. *Municipally incorporated areas*

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

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

☐ Yes ☒ No ☐ Not Applicable

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

If yes, attach correspondence from the city.

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

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

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

2. *Utility CCN areas*

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

☒ Yes ☐ No

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

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

Attachment: Attachment 2C Regionalization Potential

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: Attachment 2C Regionalization Potential

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: Attachment 2C Regionalization Potential

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): Click to enter text.

Average Influent Organic Strength or BOD₅ Concentration in mg/l: Click to enter text.

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

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

Click to enter text.

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision	Up to 0.8 MGD	Average 190 mg/l
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.8	
AVERAGE BOD ₅ from all sources		190

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: 10

Ammonia Nitrogen, mg/l: 10

Total Phosphorus, mg/l: 1

Dissolved Oxygen, mg/l: 2

Other: Click to enter text.

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 10

Ammonia Nitrogen, mg/l: 10

Total Phosphorus, mg/l: 1

Dissolved Oxygen, mg/l: 2

Other: Click to enter text.

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 10

Ammonia Nitrogen, mg/l: 10

Total Phosphorus, mg/l: 1

Dissolved Oxygen, mg/l: 2

Other: Click to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

☐ Chlorine: Click to enter text. mg/l after Click to enter text. minutes detention time at peak flow

Dechlorination process: Click to enter text.

☒ Ultraviolet Light: 30 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: Attachment 2D Design Calculations

Section 5. Facility Site (Instructions Page 60)

A. 100-year floodplain

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

☒ Yes ☐ No

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

Click to enter text.

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

FEMA FIRMette Flood Panel 48121Co22oG (Attachment 2E FEMA FIRM Map)

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 2F Wind Rose](#)

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: [Attachment 2G Sewage Sludge Solids Management Plan](#)

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.

WORKSHEET 2.0

DOMESTIC WASTEWATER PERMIT APPLICATION

WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: [Click to enter text.](#)

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

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

[Click to enter text.](#)

C. Sea grasses

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

☐ Yes ☐ No

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

[Click to enter text.](#)

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

If yes, this Worksheet is complete.

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

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

Name of the immediate receiving waters: Unnamed

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.

Moore's Branch and Clear Creek.

D. Downstream characteristics

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

☒ Yes ☐ No

If yes, discuss how.

The receiving waters change from intermittent – dry for at least one week during most years to perennial – normally flowing within 600 feet of the discharge point.

E. Normal dry weather characteristics

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

The intermittent stream is dry during normal dry weather conditions.

Date and time of observation: 08/20/2024

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.

- | | |
|---|--|
| <input type="checkbox"/> Oil field activities | <input type="checkbox"/> Urban runoff |
| <input type="checkbox"/> Upstream discharges | <input checked="" type="checkbox"/> Agricultural runoff |
| <input type="checkbox"/> Septic tanks | <input type="checkbox"/> Other(s), specify: Click to enter text. |

B. Waterbody uses

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

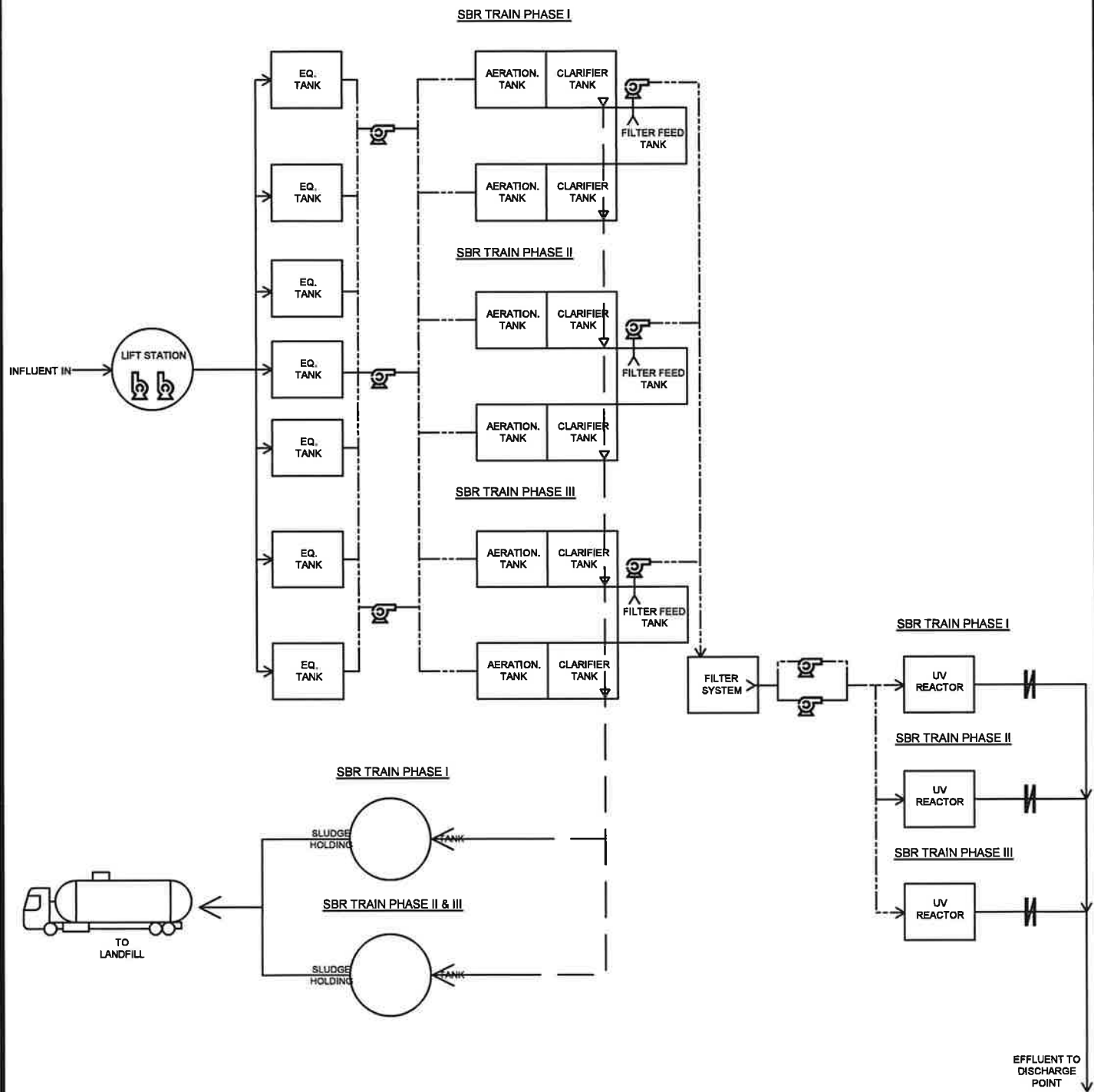
- | | |
|--|--|
| <input type="checkbox"/> Livestock watering | <input type="checkbox"/> Contact recreation |
| <input type="checkbox"/> Irrigation withdrawal | <input type="checkbox"/> Non-contact recreation |
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Navigation |
| <input type="checkbox"/> Domestic water supply | <input type="checkbox"/> Industrial water supply |
| <input type="checkbox"/> Park activities | <input checked="" type="checkbox"/> Other(s), specify: <u>Native Scrubland</u> |

C. Waterbody aesthetics

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

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

ATTACHMENT 2A
PROCESS FLOW DIAGRAM



SHEET:
2A

DATE: 09/06/2024
THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

PROCESS FLOW DIAGRAM
WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

DETAILED TREATMENT PROCESS DESCRIPTION

Phase I

The first phase will include process tankage with a rated treatment capacity of 0.12 MGD.

Flow Equalization

Two flow Equalization Tanks (EQ Tank 1 and EQ Tank 2) will be installed to accept flow from the Influent Pump Station. Wastewater, which has been ground by the grinder pumps, will be stored in these tanks to equalize the peak flows into a lower more constant flow rate.

In addition to the flow equalization capabilities, the EQ tanks are equipped with recirculation, aeration, and an influent solids retention area that is separated from the rest of the tank by a static screen. This section accomplishes primary sedimentation as heavier materials such as grit and primary settleable solids will be deposited in the bottom of the tank. These solids will be removed by vacuum trucks on an as-needed basis. The water then flows through the static screen and into the aeration zone of each EQ tank. This fine screen consists of a 304 Stainless Steel 063x2 wire mesh and is manually cleaned by the operator on an as needed basis. The screen is placed below the access port to the tank which allows the operator to remove and dispose of the separated materials from the screen.

Two aeration pumps per EQ tank aerate the wastewater by utilizing a recirculation and air induction system. The aeration pumps run continuously if the level of water in the tank is above a certain setpoint.

Two discharge pumps per EQ tank direct the water inside each tank to the downstream SBR tanks. The discharge pumps are controlled by the Programmable Logic Controller (PLC) system based on the water level inside each tank and operate in an alternating lead-lag sequence. Piping and valving will be installed to allow the operator to divert flow from either of the EQ tanks into any of the SBR treatment trains.

Sequencing Batch Reactors

Two SBR treatment trains provide aeration, clarification, and pumping equipment needed to obtain the desired biological treatment and solids separation.

Each SBR treatment train consists of two tanks connected in series (Aeration Tank and Clarifier Tank). Aeration Tank contains biological treatment volume, two aeration/recirculation pumps, and two transfer pumps. Clarifier Tank contains biological treatment volume, one sludge pump, a clarification zone, and one discharge pump.

A more detailed description of the treatment sequence provided by the SBR treatment trains is as follows:

Aeration – This process involves the biological degradation of organic material thereby reducing pollutants. At pre-programmed times, submersible pumps are activated to supplying oxygen to the system as well as provide adequate mixing to allow the wastewater and bacteria to come in contact. This supplies the aerobic bacteria with an energy source for growth and reproduction, facilitating the waste degradation process. As the microorganisms consume the organic waste, additional waste is created.

Denitrification – This process refers to the degradation of inorganic byproducts of Ammonia Nitrogen ($\text{NH}_3\text{-N}$) to gaseous nitrogen and CO_2 in the absence of dissolved oxygen. This is accomplished via control valve placed in line with an existing air pipe. Following the aeration cycle, most of the Ammonia Nitrogen levels have been reduced to nitrates (NO_3). Automatically controlled air valves close, thus creating an environment with little or no free oxygen present. Specific bacteria already contained in the system begin to utilize available NO_3 as an oxygen source for energy. The programmed time is to allow the facultative bacteria to consume all available dissolved oxygen and NO_3 . The duration of the cycle is determined via the analysis of the mixed liquor suspended solids filtrate for dissolved NO_3 . At completion, the air valve will automatically re-open, and the aeration process will resume for another batch.

Settling – The specific intent for this process is to provide a quiescent environment for solid/liquid separation. The aerobic bacteria, through the introduction of oxygen, mixing, and food, begin to secrete mucoproteins and polysaccharides that provide a sticky surface for sludge particles to adhere to. As a result, the sludge particles coagulate to form a mass (floc) which has a high specific gravity. The dense floc is now permitted to settle to the bottom of the clarifier and the clear effluent (supernate) remains above. This supernate is virtually free from BOD and total suspended solids. Concentrated sludge is either returned to the head of the treatment process for additional treatment or wasted to a sludge holding tank. This allows for maintaining a specific food to microorganism (F/M) ratio. By controlling the biomass inventory in the treatment process relative to the amount of food contained in wastewater, a healthy population of heterotrophic and autotrophic bacteria can be maintained for treating additional wastewater. Sludge in the sludge holding tanks will be removed by vacuum trucks on an as-needed basis.

Decant – To complete the SBR batch process, submersible decant pumps located in the clarifier compartment are activated automatically through the remote-control panel, and once running, a floatable discharge suction line begins to remove the supernatant.

Filtration

Clarifier supernatant from the SBR trains is pumped into the Filter Feed Tank for storage prior to filtration. The Filter Feed Tank consist of a 15,000-gallon tanks labeled Filter Feed Tank 1.

Two above ground centrifugal Filter Feed Pumps equipped with Variable Frequency Drives (VFDs), pump water from the Filter Feed Tank into the filtration system. The pumps will operate in an alternating sequence with one pump operating continuously until the water in the tank reaches the pre-set low level. When water in the tank reaches the pump-on level, the other pump will operate. The PLC control system will monitor the flow rate through the Filtered Water Flow Meter.

The filtration system consists of multimedia and activated carbon filters. The multimedia filters provide tertiary filtration and phosphorous removal while the activated carbon filtration units remove other dissolved constituents.

The multimedia filters consist of vessels with sand media to remove particulate matter from the clarifier supernatant and for phosphorous removal. The proposed sand media consists of a top layer of anthracite, middle layer of quartz sand, and bottom layer of crushed basalt.

Effluent from the multimedia filters flows into the Granular Activated Carbon (GAC) filter units which are connected in series. GAC filtration reduces various constituents from water, including but not limited to chloride, copper, color, Liquid Ammonium Sulfate (LAS), lead, phenol, zinc, hexavalent compounds, cyanides, chlorine, mercury, arsenic, iron sulfides, and coliform.

Ultraviolet Disinfection

Filtered water from the GAC filters, while still pressurized, flows into the Ultraviolet (UV) Disinfection system where it is disinfected. Effluent from the UV disinfection system will exit the system at the discharge point.

Phase II

The second phase will add additional process tankage to increase the rated treatment capacity to 0.3 MGD.

Final Phase

The final phase will add additional process tankage to increase the rated treatment capacity to 0.48 MGD.

Additional Facility Features

Emergency Power

In accordance with 30 TAC § 217.36, the treatment facility will incorporate an on-site automatically starting generator capable of continuously operating all critical wastewater treatment system units. The fuel tank will be sized for a run time greater than the longest power outage in the power records. An automatic transfer switch will be included to transfer electrical loads to the generator during an outage.

In accordance with 30 TAC § 217.37, the disinfection system will automatically restart during a power outage and upon transfer back to the main power source.

Alarm Features

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

1. Power Outage
2. EQ Tank High Level
3. Equipment Failure

The auto-dialer will store prerecorded messages concerning each alarm condition and the procedure to be followed and will call preprogrammed phone numbers until the alarm condition is acknowledged.

Reliability and Operating Flexibility

Piping and valving will allow the operator to bypass any of the treatment units independently of the others and all pumps and blowers will maintain at least a 1.5X redundancy for reliability and operational flexibility.

Overflow Prevention

Overflow pipes from the sludge holding tanks and filter feed tanks are connected to the EQ Tanks. Each EQ Tank is anticipated to maintain available storage to support ample time for the operator to correct the malfunction that resulted in the overflow.

Treatment Unit Details

Phase I

Treatment Unit Type	Number of Units	Dimensions
Equalization Tank	2	10'Ø x 37.375'
Aeration Tank	2	10'Ø x 29.125'
Clarifier Tank	2	10'Ø x 29.125'
Filter Feed Tank	1	10'Ø x 29.125'
Filter System	1	12.250' x 3.417' x 7.583'
UV Reactor	1	8.047' x 0.715' x 2.058'
Sludge Tank	1	10'Ø x 23.333'

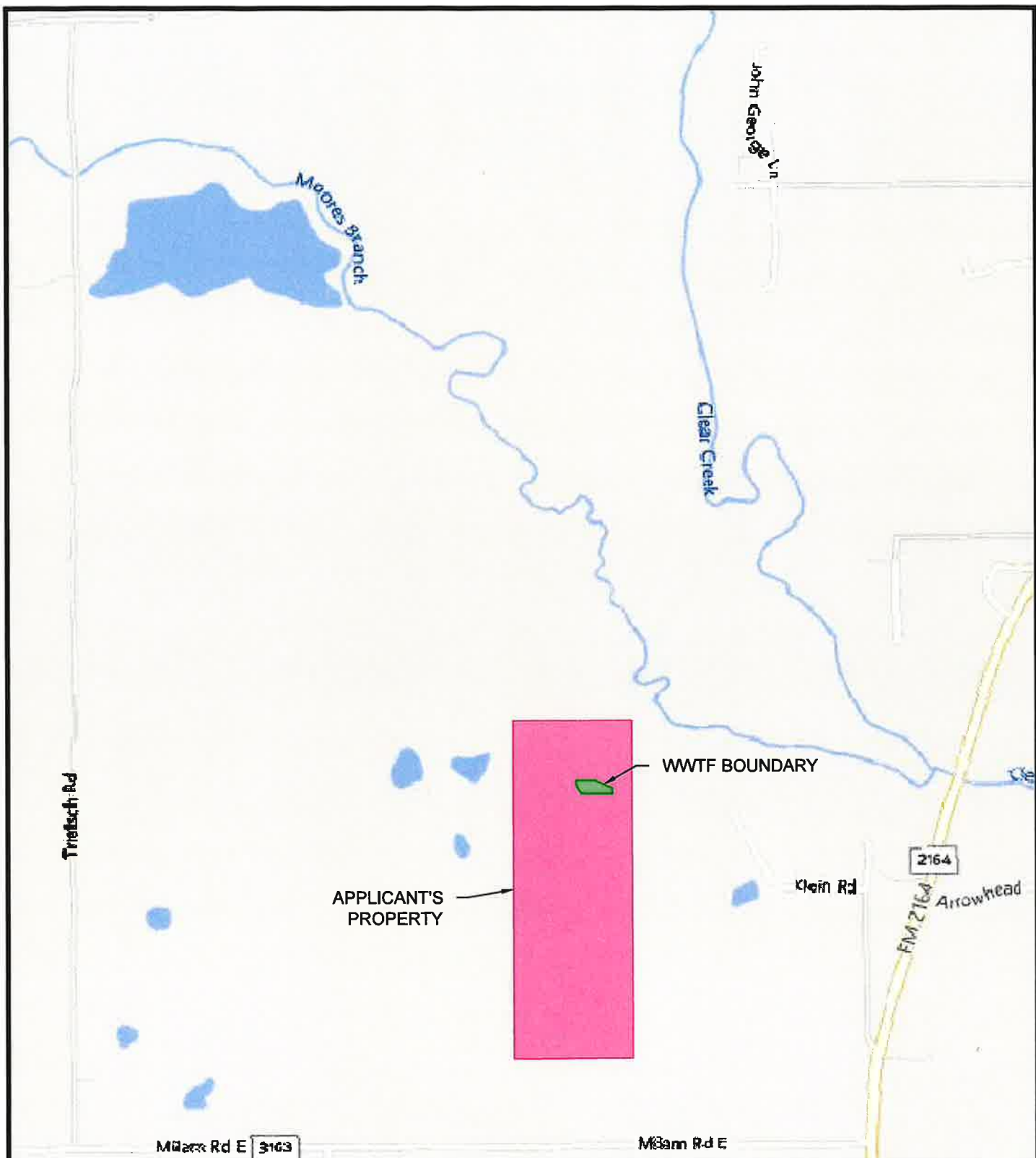
Phase II

Treatment Unit Type	Number of Units	Dimensions
Equalization Tank	5	10'Ø x 37.375'
Aeration Tank	4	10'Ø x 29.125'
Clarifier Tank	4	10'Ø x 29.125'
Filter Feed Tank	2	10'Ø x 29.125'
Filter System	1	12.250' x 3.417' x 7.583'
UV Reactor	2	8.047' x 0.715' x 2.058'
Sludge Tank	2	10'Ø x 23.333'

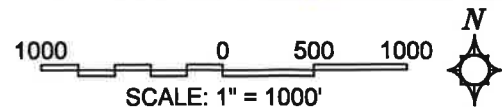
Phase III

Treatment Unit Type	Number of Units	Dimensions
Equalization Tank	7	10'Ø x 37.375'
Aeration Tank	6	10'Ø x 29.125'
Clarifier Tank	6	10'Ø x 29.125'
Filter Feed Tank	3	10'Ø x 29.125'
Filter System	1	12.250' x 3.417' x 7.583'
UV Reactor	3	8.047' x 0.715' x 2.058'
Sludge Tank	2	10'Ø x 23.333'

ATTACHMENT 2B
SITE DRAWING



NOTE:
GOOGLE MAPS WAS USED TO GENERATE THIS MAP.



SHEET:
2B

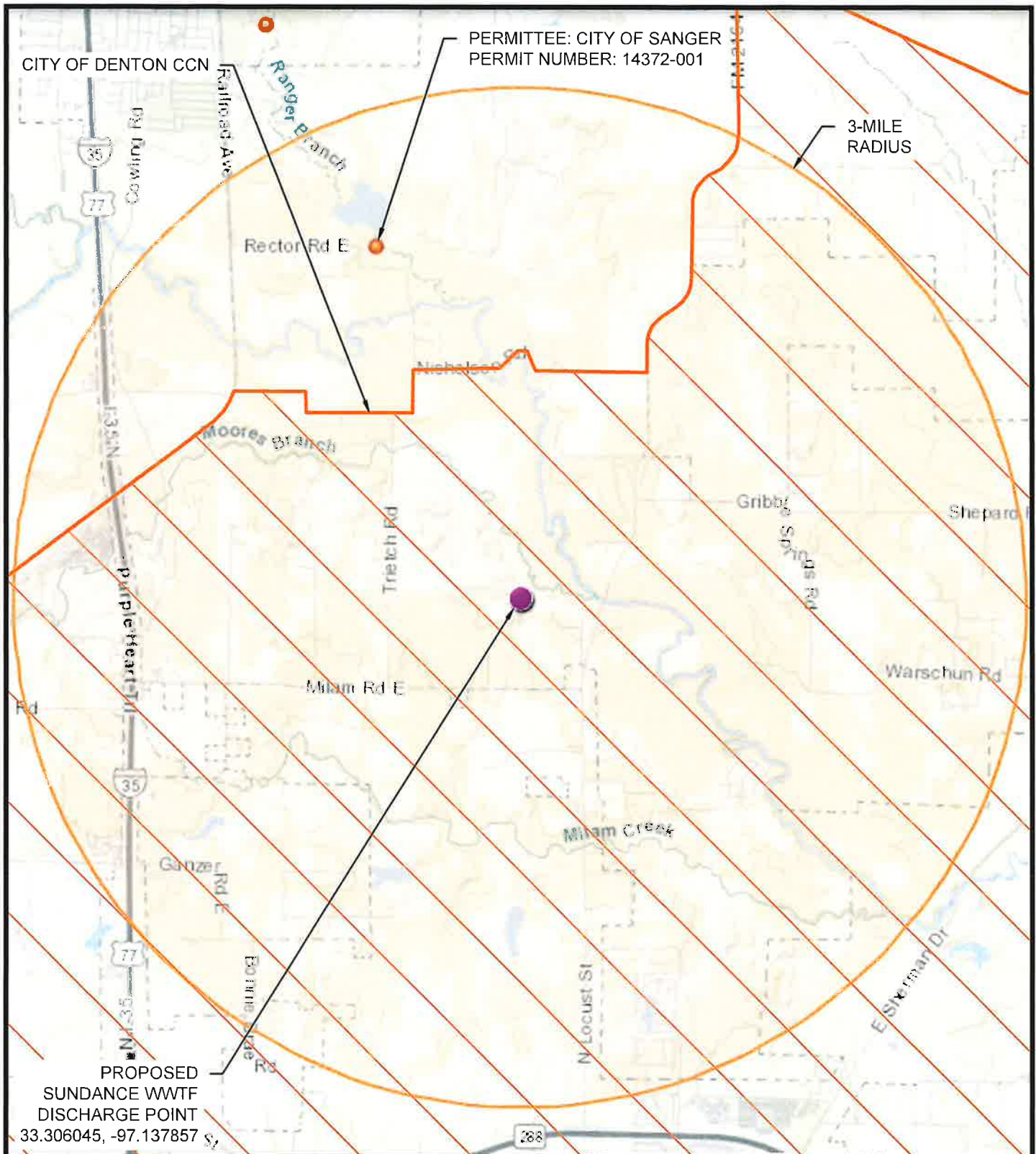
DATE: 09/06/2024
THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

SITE DRAWING
WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

ATTACHMENT 2C
REGIONALIZATION POTENTIAL



NOTE:
TCEQ WASTEWATER OUTFALLS VIEWER WAS USED TO GENERATE
THIS MAP.

4200 0 2100 4200
SCALE: 1" = 4200'



SHEET:

2C

DATE: 09/06/2024

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REGIONALIZATION POTENTIAL

WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



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Texas Firm F-12214

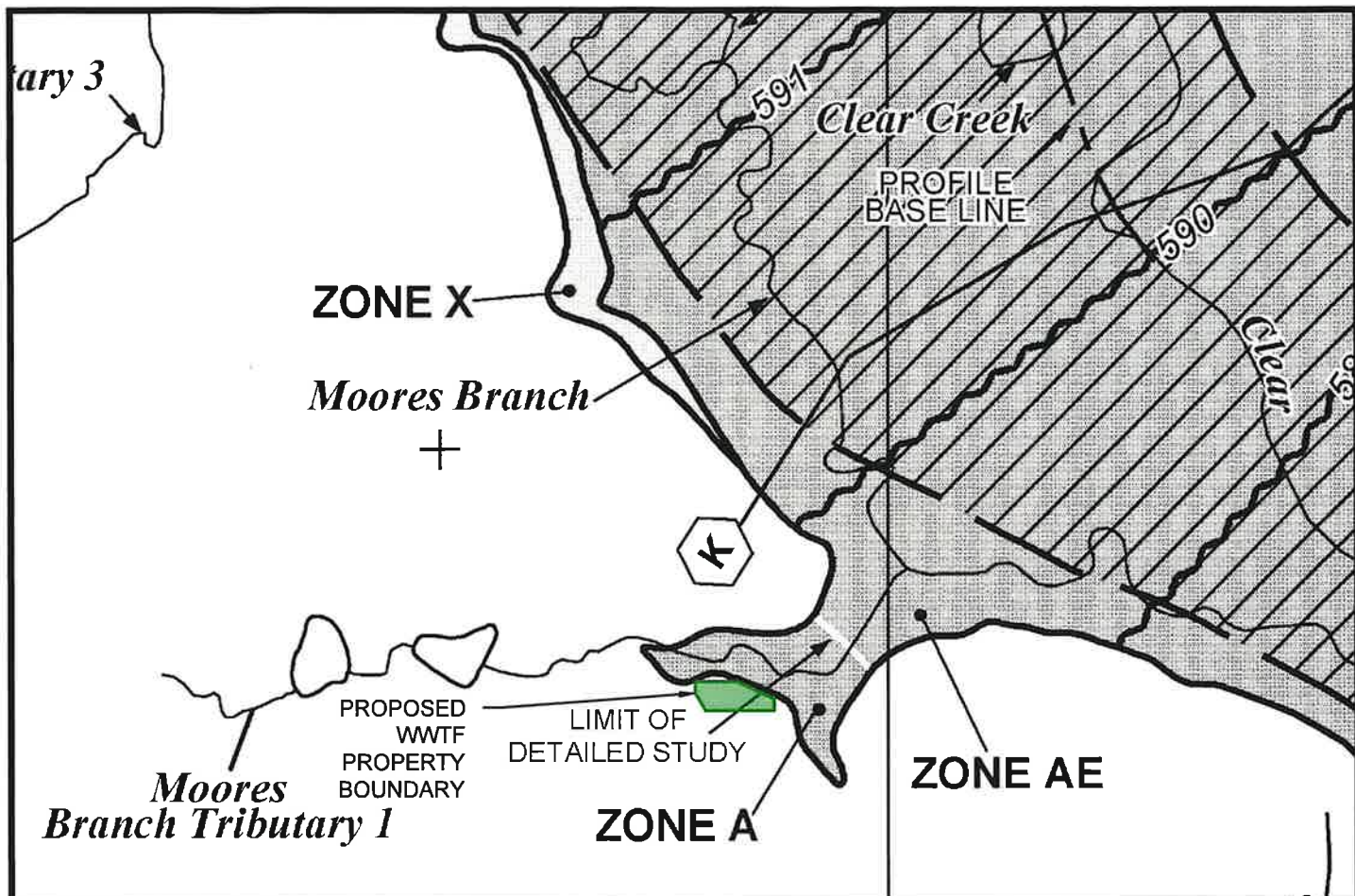
PROPOSED FACILITY JUSTIFICATION

The proposed 0.48 MGD capacity facility will allow Sundance Wastewater to treat 2,000 equivalent single-family connections at full buildout from its proposed development service area.

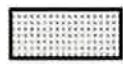
There is no existing sanitary sewer collection infrastructure in the proposed area of development or in the vicinity of the service area. Construction of a connection to, and the expansion of, the existing City of Denton or City of Sanger systems is anticipated to be more costly than construction of a new wastewater treatment facility.

ATTACHMENT 2D
DESIGN CALCULATIONS

ATTACHMENT 2E
FEMA FIRM MAP



LEGEND



SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

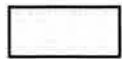
The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A

No Base Flood Elevations determined.

ZONE AE

Base Flood Elevations determined.



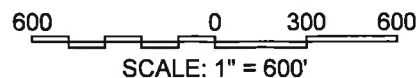
OTHER FLOOD AREAS

ZONE X

Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

NOTE:

THE FEMA FIRM PANEL 48121C0220G WAS USED TO GENERATE THIS MAP.



SHEET:

2E

DATE: 09/06/2024

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FEMA FIRM MAP

WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



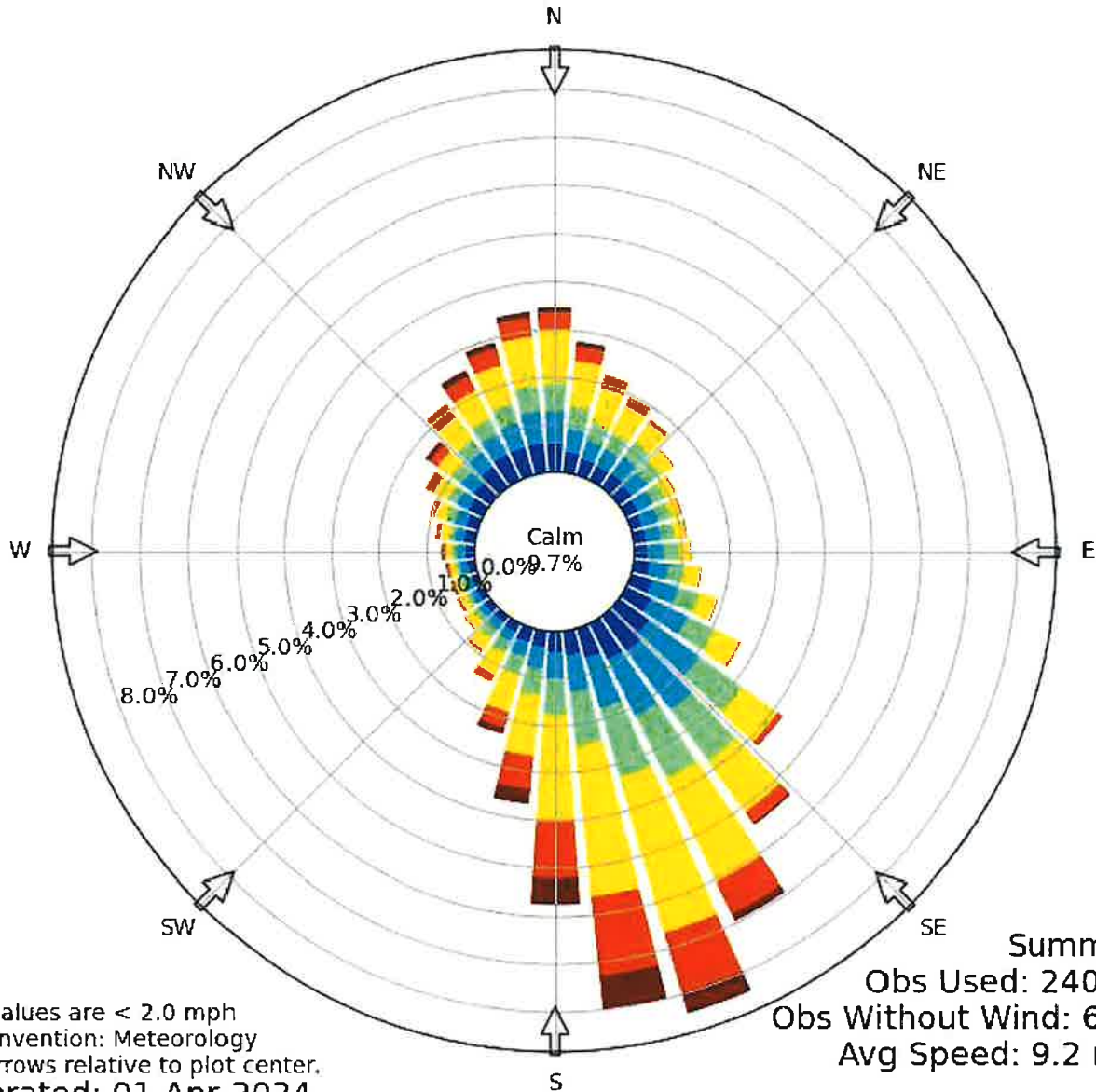
KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

ATTACHMENT 2F
WIND ROSE



Windrose Plot for [DTO] Denton

Obs Between: 01 Jul 1996 02:53 AM - 01 Apr 2024 02:53 AM America/Chicago



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

Summary
Obs Used: 240225
Obs Without Wind: 6434
Avg Speed: 9.2 mph



NOTE:
THE IOWA STATE UNIVERSITY IOWA ENVIRONMENTAL MESONET
DENTON, TEXAS STATION DATA WAS USED TO GENERATE THIS
MAP.

SHEET:
2F

DATE: 09/06/2024
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WIND ROSE
WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

ATTACHMENT 2G
SEWAGE SLUDGE SOLIDS MANAGEMENT PLAN

SEWAGE SLUDGE MANAGEMENT PLAN

Sewage Sludge Treatment Units

Dimensions and capacities of all sewage sludge holding tanks in each phase are included in the following tables:

Phase I: 0.12 MGD

Treatment Unit	Number of Units	Dimensions	Capacity
Sludge Holding Tank	1	10'Ø x 23.333'	12,000 Gallons

Phase II: 0.3 MGD

Treatment Unit	Number of Units	Dimensions	Capacity
Sludge Holding Tank	2	10'Ø x 23.333'	12,000 Gallons

Phase III: 0.48 MGD

Treatment Unit	Number of Units	Dimensions	Capacity
Sludge Holding Tank	2	10'Ø x 23.333'	12,000 Gallons

Sludge Production

The amount of solids generated at expected increments of the design flow is provided in the following table:

Sludge Production (Gallons Per Day)

Phase	25%	50%	75%	100%
Phase I	324.375	648.75	973.125	1297.5
Phase II	810.865	1621.73	2432.595	3243.46
Phase III	1297.25	2594.5	3891.75	5189

The plant, in all phases, is designed to operate at a mixed liquor suspended solids (MLSS) concentration of 10,000 mg/L, or 1% solids. Adjustments will be made to maintain this MLSS concentration at lower flow rates. Sludge will be wasted daily by pumping mixed liquor to the sludge holding tanks to maintain the appropriate MLSS concentrations in the biological treatment tanks. An automatic sludge decanting system will provide sludge thickening from 1% solids to 2-3% solids to minimize additional sludge handling requirements.

Sludge Removal Schedule

The schedule for removal of solids to maintain an appropriate solids inventory is provided in the following table:

Sludge Removal Schedule

Removal Schedule (Days Between Removal)	25% Flow	50% Flow	75% Flow	100% Flow
Phase I	37	18	12	9
Phase II	30	15	10	7
Phase III	19	9	6	5

Candice Calhoun

From: Eric Crews <ecrews@kje-us.com>
Sent: Tuesday, October 8, 2024 4:05 PM
To: Candice Calhoun
Cc: Kevin Ware
Subject: RE: Application for Proposed Permit No. WQ0016632001 - Notice of Deficiency
Attachments: 2024-10-08_636_NOD1_Response_Complete.pdf; AddressLabels.doc; Spanish NORI.docx

Follow Up Flag: Follow up
Flag Status: Completed

Hello Candice,

Attached is the NOD 1 response for the proposed WWTF permit (Permit No. WQ0016632001). I have also included the Word files for the landowner address labels and Spanish NORI.

Let me know if you need anything else.

Thank you,

.....
Eric Crews | *Sr. Designer*



Cross Roads, TX 76227
O [940-387-0805](tel:940-387-0805)
D [940-208-0168](tel:940-208-0168)
ecrews@kje-us.com
www.KJE-US.com

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Thursday, September 26, 2024 3:53 PM
To: Eric Crews <ecrews@kje-us.com>
Cc: Kevin Ware <kware@kje-us.com>
Subject: RE: Application for Proposed Permit No. WQ0016632001 - Notice of Deficiency

Some people who received this message don't often get email from candice.calhoun@tceq.texas.gov. [Learn why this is important](#)

Mr. Crews,

Please disregard item 4 of the NOD, how you have submitted the PIP is sufficient.

Thank you,



Candice Calhoun

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

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

From: Candice Calhoun

Sent: Thursday, September 26, 2024 11:11 AM

To: ecrews@kje-us.com

Cc: kware@kje-us.com

Subject: Application for Proposed Permit No. WQ0016632001 - Notice of Deficiency

Importance: High

Dear Mr. Crews,

The attached Notice of Deficiency (NOD) letter dated **September 26, 2024**, requests additional information needed to declare the application administratively complete. Please send complete response by **October 10, 2024**.

Please let me know if you have any questions.

Regards,



Candice Calhoun

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

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www.tceq.texas.gov/customersurvey



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500 Moseley Road, Cross Roads, Texas 76227 | 940.387.0805 | www.KJE-us.com

October 8, 2024

Ms. Candice Calhoun
Application Review and Processing Team (MC148)
Water Quality Division
Texas Commission on Environmental Quality

RE: NOTICE OF DEFICIENCY (NOD) 1

Application Permit No.: WQ0016632001 (EPA I.D. No. TX0146676)

Applicant Name: 636 Denton Dev Company, LLC (CN606308476)

Site Name: Sundance Wastewater (RN112052410)

Type of Application: New

Dear Ms. Calhoun:

KJ Environmental Management, Inc. (KJE) is respectfully responding to the Texas Commission on Environmental Quality (TCEQ) letter dated September 26, 2024, regarding the application for a domestic wastewater permit in Denton County, Texas. This document includes TCEQ review notes (in bold) and our response and proposed changes (in regular script) to address all the issues listed in the TCEQ letter.

GENERAL APPLICATION REQUIREMENTS

- 1. Administrative Report 1.0: Section 1 – We were unable to confirm payment of the application processing fee. The filing fee for you application is \$1,250.00. Please submit payment to: TCEQ, Revenue Section (MC 214), P.O. Box 13088, Austin, Texas 78711-3088. Also, provide a copy of the check along with the response to this letter.**

See Attachment 1 for a copy of the application processing fee check that was filed with the TCEQ Revenue Section.

- 2. Administrative Report 1.1: Affected Landowner Information – The affected landowner map properties labeled 1, 2, 11, 12, 13, and 19 are owned by the applicant. The applicant cannot be their own affected landowner. Please provide a revised map that labels the full applicant property boundary, including all contiguous properties owned by the applicant, and labels all affected landowners adjacent to the applicant's contiguous property boundary. Please also provide an updated cross reference landowner list and the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word Document.**

See Attachment 2 for the revised Affected Landowners Map, revised Cross Reference Landowner List, and Avery 5160 Address Labels.



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3. **USGS Topographic Map:** The USGS map provided, in the electronic application, is illegible. Please provide a legible USGS map.

See Attachment 3 for legible USGS topographic maps.

4. **Public Involvement Plan (PIP):** Section 2 – All municipal new and major amendment applications require public notice. Please check the top three boxes, uncheck the last box stating “Public Involvement Plan not applicable to this application”, and complete the remaining sections of the PIP.

Per the email correspondence with TCEQ staff on September 26, 2024, the submitted PIP is sufficient and this item should be disregarded.

5. **Core Data Form (CDF):** Section III, Item 25 – Our requirements for describing the facility location in the permit have changed. The description must include the distance in feet or miles from road intersections. Please provide a revised facility location description that uses road intersections. Upon review of the maps, it appears that the nearest major intersection is Farm-to-Market Road 2164 and Milam Road East, therefore, a description from this point may be more appropriate.

See Attachment 4 for the revised Core Data Form.

6. 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. 636 Denton Dev Company, LLC, 129 South Main Street, Suite 260, Grapevine, Texas 76051, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016632001 (EPA I.D. No. TX0146676) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 480,000 gallons per day. The domestic wastewater treatment facility will be located at **PENDING APPLICANT RESPONSE**, near the city of Denton, in Denton County, Texas 76051. The discharge route will be from the plant site to **PENDING RWA RESPONSE**. TCEQ received this application on September 24, 2024. The permit application will be available for viewing and copying at Denton North Branch Library, main desk, 3020 North Locust Street, Denton, in Denton County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

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

This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.138333,33.305833&level=18>

Further information may also be obtained from 636 Denton Dev Company, LLC at the address stated above or by calling Mr. Kevin Ware, P.E., KJ Environmental Management,



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Inc., at 940-208-0172.

The NORI looks correct; however, please replace "PENDING APPLICANT RESPONSE" with the following language:

3,400 feet northwest of the intersection of Milam Road East and Farm-to-Market Road 2164

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

See Attachment 5 for the Spanish NORI.

Once you have had a chance to review this information, please do not hesitate to contact me if you have any questions or require further clarification regarding this application. Thank you for your assistance and help on this matter.

Sincerely,

Eric Crews

Sr. Designer

940-208-0168

ecrews@kje-us.com

KJ Environmental Mgt., Inc. | Texas Firm F-12214

- Attachment 1 – Application Processing Fee Check Copy
 - Attachment 2 – Affected Landowners Map
 - Affected Landowners List
 - Landowner Address Labels
 - Attachment 3 – USGS Topographic Maps
 - Attachment 4 – Core Data Form
 - Attachment 5 – Spanish NORI
-

ATTACHMENT - 1

APPLICATION PROCESSING FEE CHECK COPY

ATTACHMENT - 2

**AFFECTED LANDOWNERS MAP
AFFECTED LANDOWNERS LIST
LANDOWNER ADDRESS LABELS**



AFFECTED LANDOWNERS

Map ID	Property ID	Owner	Street	City	State	Zip
1 2	57476 76969	Klein, John W Life Estate & Quiring, Brenda K & Klein, Stanley Keith % Kevin Klein	2825 Hanover St	Dallas	TX	75225-7925
3	698954	Kennedy, Keith W & Caren H	19 Grovenor Ct	Dallas	TX	75225-2458
4	56992	Belcher, E W & Wanda C/O Roger Yale	1417 E McKinney St, Ste 220	Denton	TX	76209-2504
5	56981	George, Victor R	6632 FM 2164	Sanger	TX	76266-4510
6	187417	Erwin, Toni M & Benny C	315 B7 Rd	Sanger	TX	76266-4534
7	37626	Miles 2164 LLC	831 Caublestone Hill Dr	Argyle	TX	76226-6871
8 9	37619 37624	Klein, Judy Lynn	990 Milam Rd E	Sanger	TX	76266-7478
10	37615	Catdenton 35 Twelve Inc.	16950 Dallas Pkwy, Ste 120	Dallas	TX	75248-1942
11 12	37627 37621	Ciputra, Cakra	656 Milam Rd	Sanger	TX	76266
13	57446	Eagle Farms Inc et al	1809 Hinkle Dr, Ste 100	Denton	TX	76201-1768

John W. Klein Life Estate & Quiring,
Brenda K. & Stanley Keith Klein, Kevin
Klein
2825 Hanover St.
Dallas, TX 75225-7925

Keith W. & Caren H. Kennedy
19 Grovenor Ct.
Dallas, TX 75225-2458

E. W. & Wanda Belcher
C/O Roger Yale
1417 E. McKinney St.,
Denton, TX 76209-2504

Victor R. George
6632 FM 2164
Sanger, TX 76266-4510

Toni M. & Benny C. Erwin
315 B7 Rd.
Sanger, TX 76266-4534

Miles 2164 LLC
831 Caublestone Hill Dr.
Argyle, TX 76226-6871

Judy Lynn Klein
990 Milam Rd. E.
Sanger, TX 76266-7478

Catdenton 35 Twelve Inc.
16950 Dallas Pkwy., Ste. 120
Dallas, TX 75248-1942

Cakra Ciputra
656 Milam Rd.
Sanger, TX 76266

Eagle Farms Inc. et. al.
1809 Hinkle Dr., Ste. 100
Denton, TX 76201-1768

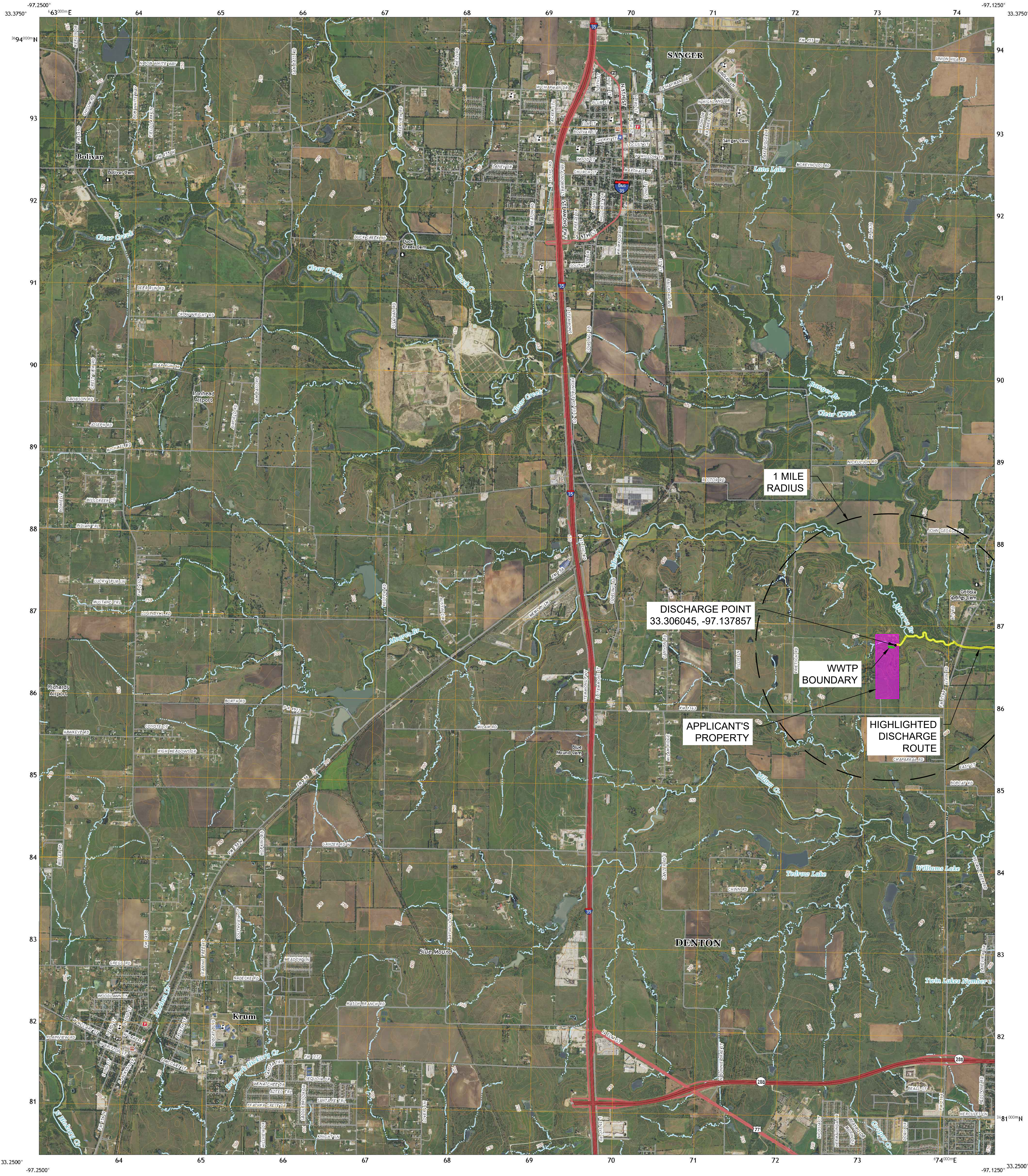
ATTACHMENT - 3
USGS TOPOGRAPHIC MAPS



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

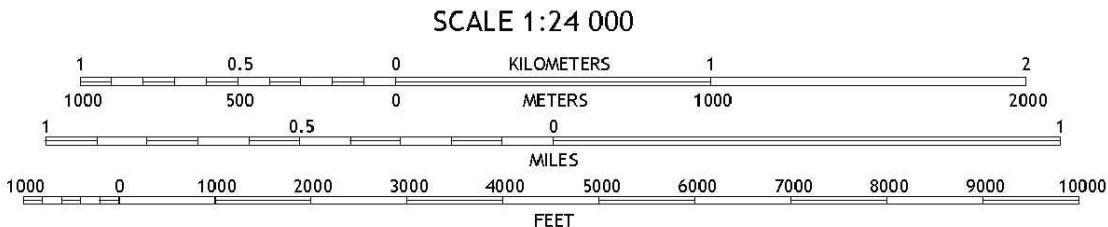
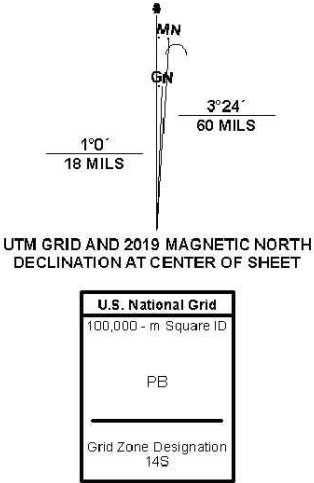


SANGER QUADRANGLE
TEXAS - DENTON COUNTY
7.5-MINUTE SERIES



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

Imagery.....NIP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Names.....GNS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2005
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard.



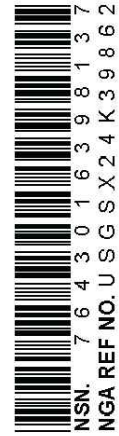
1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

1 Era
2 Valley View
3 Mountain Springs
4 Era SE
5 Green Valley
6 Ponder
7 Denton West
8 Denton East



SANGER, TX
2022



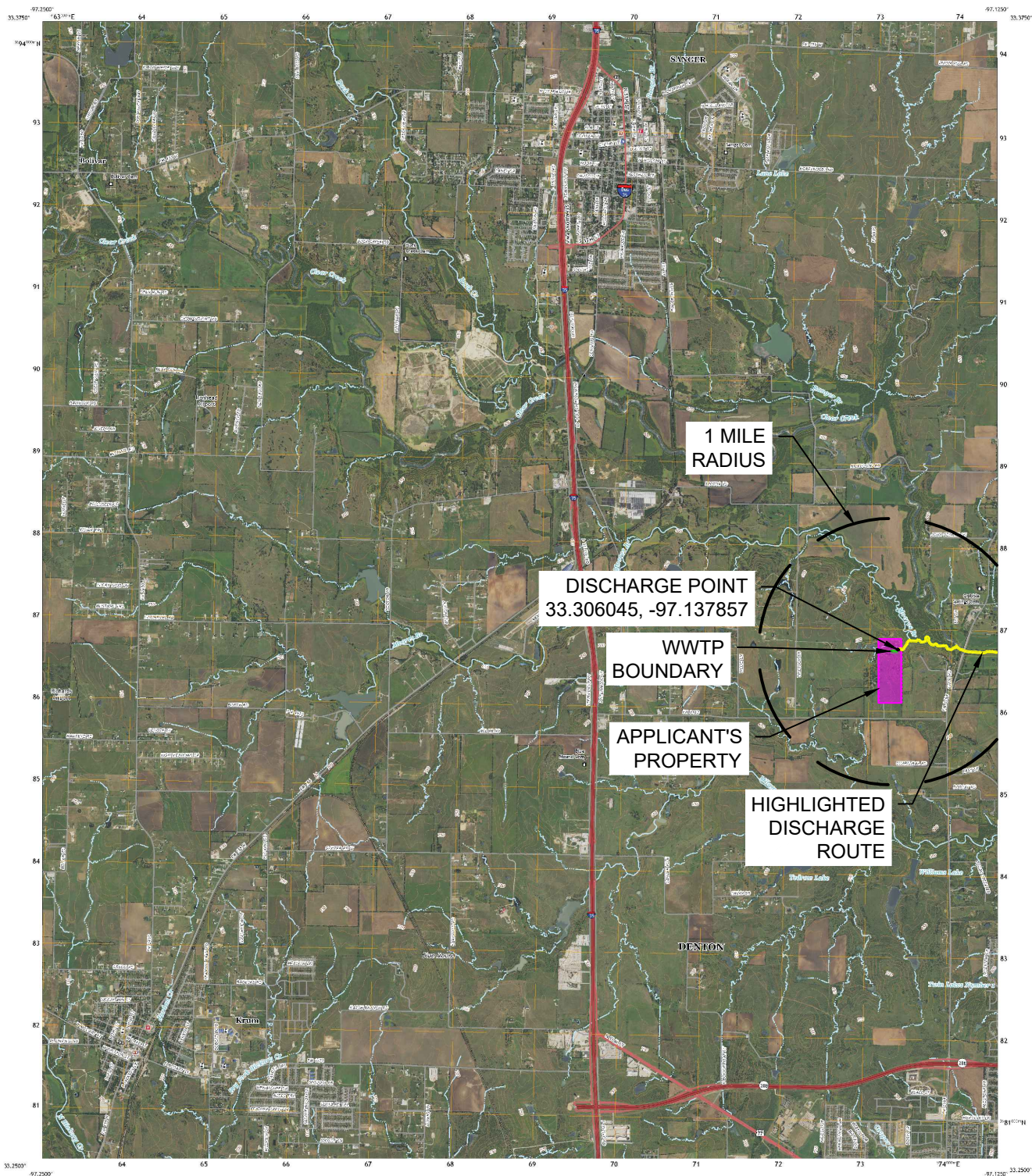
SHEET:
1D

DATE: 09/06/2024
**THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY**

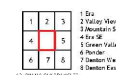
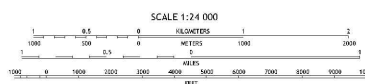
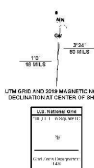
USGS MAP (WEST)
WWTP PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
Vertical Datum: Geoid of 1988 (GEOID88). Projection and
1:500 meter geotiff-based Transverse Mercator, Zone 14E
This map is a digital document. Reproduction may be
permitted for non-commercial use. Private land is not shown.
Reproduction may not be shown. Clear permission before
reproduction is required.



SANGER, TX
2022



SHEET:

1H

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

USGS MAP (WEST)

WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS

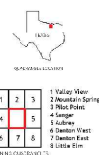
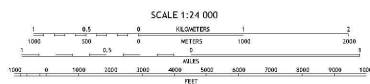


www.kje-us.com

KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
Vertical Datum: Geoid of 1988 (GEOID88). Projection and
1:250,000 scale horizontal datum: North American Datum of 1983
This map is a digital product. Specifications may be
different from the printed version. Please refer to the government
specifications for more details. Older versions may be
available on the USGS website.



GREEN VALLEY, TX
2022



SHEET:
1H

DATE: 09/06/2024

THIS DRAWING
IS FOR PERMIT
PURPOSES ONLY

USGS MAP (EAST)
WWTF PERMIT APPLICATION
SUNDANCE WASTEWATER
DENTON COUNTY, TEXAS



KJ Environmental Mgt., Inc.
500 Moseley Road
Cross Roads, Texas 76227
Phone (940) 387-0805
Texas Firm F-12214

ATTACHMENT - 4
CORE DATA FORM



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

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

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input checked="" type="checkbox"/> New Customer <input type="checkbox"/> Update to Customer Information <input type="checkbox"/> Change in Regulated Entity Ownership			
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)			
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
636 Denton Dev Company, 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)
805627764	32095967009	88-2451482	
11. Type of Customer:	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input checked="" type="checkbox"/> Limited
Government: <input type="checkbox"/> City <input type="checkbox"/> County <input type="checkbox"/> Federal <input type="checkbox"/> Local <input type="checkbox"/> State <input type="checkbox"/> Other	<input type="checkbox"/> Sole Proprietorship		<input type="checkbox"/> Other:
12. Number of Employees		13. Independently Owned and Operated?	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following			
<input type="checkbox"/> Owner <input type="checkbox"/> Operator <input checked="" type="checkbox"/> Owner & Operator <input type="checkbox"/> Other:			
<input type="checkbox"/> Occupational Licensee <input type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant			
15. Mailing Address:	129 S. Main Street, Suite 260		
City	Grapevine	State	TX
ZIP	76051	ZIP + 4	
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		devonrushnell@iandbuilder.com	
18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)	

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

The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)

Sundance Wastewater

23. Street Address of the Regulated Entity:

(No PO Boxes)

City

State

ZIP

ZIP + 4

24. County

Denton

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

25. Description to Physical Location:

The wastewater treatment facility is located 3,400 feet northwest of the intersection of Milam Road East and Farm-to-Market Road 2164.

26. Nearest City

State

Nearest ZIP Code

Denton

TX

76207

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

27. Latitude (N) In Decimal:

33.305846

28. Longitude (W) In Decimal:

-97.138363

Degrees

Minutes

Seconds

Degrees

Minutes

Seconds

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

(4 digits)

(4 digits)

(5 or 6 digits)

(5 or 6 digits)

4952

221320

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

Wastewater treatment

34. Mailing

Address:

129 S. Main Street, Suite 260

City

Grapevine

State

TX

ZIP

76051

ZIP + 4

35. E-Mail Address:

devonrushnell@landbuilder.com

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

(813) 781-7219

() -

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

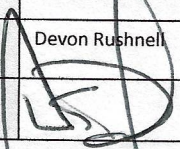
<input type="checkbox"/> Dam Safety	<input type="checkbox"/> Districts	<input type="checkbox"/> Edwards Aquifer	<input type="checkbox"/> Emissions Inventory Air	<input type="checkbox"/> Industrial Hazardous Waste
<input type="checkbox"/> Municipal Solid Waste	<input type="checkbox"/> New Source Review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

SECTION IV: Preparer Information

40. Name:	Eric Crews		41. Title:	Sr. Designer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(940) 208-0168		() -	ecrews@kje-us.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:	636 Denton Dev Company, LLC		Job Title:	Manager	
Name (In Print):	Devon Rushnell			Phone:	(813) 781- 7219
Signature:				Date:	10-7-24

ATTACHMENT - 5

SPANISH NORI

SOLICITUD. 636 Denton Dev Company, LLC, 129 South Main Street, Suite 260, Grapevine, Texas 76051, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0016632001 (EPA I.D. No. TX0146676) 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 480,000 galones por día. La planta está ubicada a 3,400 pies al noroeste de la intersección de Milam Road East y Farm-to-Market Road 2164, cerca de la ciudad de Denton, en el Condado de Denton, Texas. La ruta de descarga es del sitio de la planta a **[RESPUESTA PENDIENTE DE RWA]**. La TCEQ recibió esta solicitud el 24 de Septiembre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en la Biblioteca de Denton North Branch, escritorio principal, 3020 North Locust Street, Denton, en el condado de Denton, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluidas las actualizaciones, y los avisos asociados están disponibles 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=-97.138333,33.305833&level=18>

También se puede obtener información adicional del 636 Denton Dev Company, LLC a la dirección indicada arriba o llamando a Sr. Kevin Ware, P.E., KJ Environmental Management, Inc., al 940-208-0172.



Water Quality Receipt Report

OCT-11-24 09:00 PM

Paid In By: MAVERICK COUNTY WATER CONTROL

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M419092A	04149000	CK	16797		08-JUL-24	-\$300.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M419092B	04149000	CK	16797		08-JUL-24	-\$15.00
WATER QUALITY PMT								

Paid In By: MAXEY ROAD WATER SUPPLY CO

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M303792A	13505001	CK	378		17-NOV-22	-\$300.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M303792B	13503001	CK	378		17-NOV-22	-\$15.00
WATER QUALITY PMT								

Paid In By: MAYFIELD, MIKE

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M318982A	16366001	CK	717		24-JUL-23	-\$300.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M318982B	16366001	CK	717		24-JUL-23	-\$50.00
WATER QUALITY PMT								

Paid In By: MC GULF COAST LP

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M315380A		CK	29		14-APR-23	-\$1200.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M315380B		CK	29		14-APR-23	-\$50.00
WATER QUALITY PMT								

Paid In By: MCC UTILITIES LLC

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M314335A	15381001	CK	1201		24-MAR-23	-\$500.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M314335B	13581001	CK	1201		24-MAR-23	-\$15.00
WATER QUALITY PMT								

Paid In By: MCCOLLUM, BRADLEY C/RANA A

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M540601A		CK	9021		23-SEP-24	-\$1600.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M540601B		CK	9021		23-SEP-24	-\$50.00
WATER QUALITY PMT								

Paid In By: MCGREGOR, CITY OF

<u>Acct.Name</u>	<u>Fee</u>	<u>Endorse. #</u>	<u>Ref#2</u>	<u>PayTyp</u>	<u>Check#</u>	<u>Card#</u>	<u>Tran.Date</u>	<u>Rec.Amnt</u>
WATER QUALITY	WQP	M319989A	10219002	CK	100832		25-AUG-23	-\$2000.00
PERMIT APPLICATION								
NOTICE FEES WQP	PTGQ	M319989B	10219002	CK	100832		25-AUG-23	-\$50.00
WATER QUALITY PMT								
NOTICE FEES WQP	PTGQ	M401662	10219002	CK	101300		20-OCT-23	-\$50.00
WATER QUALITY PMT								



33.305833 -97.138333



Show search results for 33.305833 -9...



Klein Rd

Klein Rd

FM 2164

FM 2164

Milam Rd E

600ft

-97.128 33.300 Degrees

Measure

| Feet

Measurement Result

3,388.9 Feet

Clear

Press CTRL to enable snapping