



Administrative Package Cover Page

This file contains the following documents:

1. Summary of application (in plain language)
 - English
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2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
 - English
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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)
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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Texas Water Utilities, L.P. and Jeffical Williams, (CN602740706) proposes to operate Copia Pines WWTP (RN(NEW)), an initial plant designed for .040 MGD and a final one for .0865 MGD. The final build out will have aeration basins, digesters, clarifiers, and chlorine contact basins as shown on the process flow diagram. The facility is located at approximately 1.75 mi northeast of the intersection FM 149 and Keenan Cut Off Road, in Montgomery, Montgomery County, Texas 77316. This application is for a new permit regarding a wastewater treatment plant.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), and **Escherichia Coli**. Domestic wastewater will be treated by Aerobic digester and the treatment units include a bar screen, an aeration basin, final clarifier, sludge digesters, and chlorine contact chambers.

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

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

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

Texas Water Utilities, L.P. y Jeffical Williams, (CN602740706) propone operar la PTAR de Copia Pines (RN(NUEVA)), una planta inicial diseñada para .040 MGD y una final para .0865 MGD. La construcción final tendrá tanques de aireación, digestores, clarificadores y tanques de contacto con cloro como se muestra en el diagrama de flujo del proceso. La instalación está ubicada aproximadamente a 1.75 millas al nordeste de la intersección FM 149 y Keenan Cut Off Road, en Montgomery, Condado de Montgomery, Texas 77316. Esta solicitud es para un nuevo permiso relacionado con una planta de tratamiento de aguas residuales.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (TSS) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante digestor aeróbico y las unidades de tratamiento incluyen una rejilla de barras, un estanque de aireación, un clarificador final, digestores de lodos y cámaras de contacto de cloro.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PROPOSED PERMIT NO. WQ0016740001

APPLICATION. Texas Water Utilities, L.P. and Jeffical Williams, P.O. Box 140164, Austin, Texas 78714, have applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016740001 (EPA I.D. No. TX0147541) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 86,500 gallons per day. The domestic wastewater treatment facility will be located approximately 1.75 miles northeast of the intersection of Farm-to-Market Road 149 and Keenan Cut Off Road, near the city of Montgomery, in Montgomery County, Texas 77316. The discharge route will be from the plant site to an unnamed tributary; thence to Mound Creek; thence to Lake Creek. TCEQ received this application on March 3, 2025. The permit application will be available for viewing and copying at RF Meador Public Library, notice board, 709 West Montgomery Street, Willis, in Montgomery County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.66758,30.333424&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 Texas Water Utilities, L.P. and Jeffical Williams at the address stated above or by calling Mr. David Peters, P.E., LightPoint Engineering, LLC, at 936-256-2626.

Issuance Date: April 17, 2025

Comisión de Calidad Ambiental del Estado de Texas



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

PERMISO PROPUESTO NO. WQ0016740001

SOLICITUD. Texas Water Utilities, L.P. y Jeffical William, P.O. Box 140164, Austin, Texas 78714, ha solicitado a la Comisión de Calidad Ambiental de Texas (TCEQ) la propuesta de Permiso del Sistema de Eliminación de Descargas Contaminantes de Texas (TPDES) No. WQ0016740001 (EPA I.D. No. TX0147541) para autorizar la descarga de aguas residuales tratadas a un volumen que no exceda un flujo promedio diario de 86,500 galones por día. La planta de tratamiento de aguas residuales domésticas estará ubicada aproximadamente a 1,75 millas al noreste de la intersección de Farm-to-Market Road 149 y Keenan Cut Off Road, cerca de la ciudad de Montgomery, en el condado de Montgomery, Texas 77316. La ruta de descarga será desde el sitio de la planta hasta un afluente sin nombre; de allí a Mound Creek; de allí al arroyo del lago. La TCEQ recibió esta solicitud el 3 de marzo de 2025. La solicitud de permiso estará disponible para ver y copiar en la Biblioteca Pública RF Meador, tablón de anuncios, 709 West Montgomery Street, Willis, en el Condado de Montgomery, Texas antes de la fecha de publicación de este aviso en el periódico. La solicitud, incluyendo cualquier actualización, 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 emplazamiento o la instalación se proporciona como cortesía pública y no forma parte de la solicitud ni del aviso. Para conocer la ubicación exacta, consulte la solicitud.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.66758,30.333424&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.

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 envía 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 más información de Texas Water Utilities, L.P. y Jeffical William en la dirección indicada anteriormente o llamando al Sr. David Peters, P.E., LightPoint Engineering, LLC, al 936-256-2626.

Fecha de emission: 17 de abril de 2025



TCEQ WASTEWATER PERMIT APPLICATION

FOR

**COPIA PINES
WASTEWATER TREATMENT PLANT**

LPE JOB NO. L727-02F

FEB 2025

RECEIVED
MAR 03 2025
WATER QUALITY DIVISION
TCEQ

PREPARED BY:
LIGHTPOINT ENGINEERING, LLC

Main Office and Mailing Address:
604 W Worsham St, Suite 100, Willis, TX 77378

0016740001

Attachment 1.0 -Core Data



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 602740706		RN 112163936

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)	
<input type="checkbox"/> New Customer <input checked="" 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)			
The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).			
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
Texas Water Utilities, L.P.			
7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
0800034797	10303732514	742769679	00-693-4237
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 type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input checked="" 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:	PO Box 140164		
City	Austin	State	TX
ZIP	78714	ZIP + 4	
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)	
		Chuck.Barry@nexuswg.com	

18. Telephone Number (512) 531-6271	19. Extension or Code	20. Fax Number (if applicable) () -
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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.) Copia Pines WWTP							
23. Street Address of the Regulated Entity: (No PO Boxes)							
	City	Montgomery	State	TX	ZIP	77316	ZIP + 4
24. County	Montgomery						

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

25. Description to Physical Location:	The facility is located 1.75 mi east of the intersection FM 149 and Keenan Cut Off Road Montgomery, Texas 77316.				
26. Nearest City	Montgomery		State	TX	Nearest ZIP Code 77316
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>					
27. Latitude (N) In Decimal:		30.333424		28. Longitude (W) In Decimal: -95.667587	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30°	20'	00.52"N	95°	39'	03.77"W
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	4952		221320		221320
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.) 					
34. Mailing Address:	2150 TOWN SQUARE PLACE STE. 400				
	City	Sugar Land	State	TX	ZIP 77479
35. E-Mail Address:					
36. Telephone Number		37. Extension or Code		38. Fax Number (if applicable)	
(512) 531-6271				() -	

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 checked="" 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 checked="" type="checkbox"/> Sludge	<input checked="" 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:	MaKayla Commander			41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address		
(936) 256-2626		() -	makayla@spetexas.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:	Lightpoint Engineering, LLC	Job Title:	Project Manager
Name (In Print):	MaKayla Commander	Phone:	(936) 256- 2626
Signature:	<i>MaKayla Commander</i>	Date:	



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: TEXAS WATER UTILITIES L.P.

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

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 checked="" type="checkbox"/>	<input type="checkbox"/>	Solids Management Plan	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 3.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Water Balance	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 3.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 3.2	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 3.3	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 4.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 6.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 7.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			

For TCEQ Use Only

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION
ADMINISTRATIVE REPORT 1.0**

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: Click to enter text.
Check/Money Order Amount: Click to enter text.
Name Printed on Check: LightPoint Engineers, LLC

EPAY Voucher Number: Click to enter text.

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: N/A

f. For existing permits:

Permit Number: WQ00 New

EPA I.D. (TPDES only): TX New

Expiration Date: N/A

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?

TEXAS WATER UTILITIES L.P.

(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: CN602740706

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.

Title: President

Credential: N/A

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

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

Williams Mary

(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: NEW

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: MS.

Last Name, First Name: WILLIAMS, MARY

Title: N/A

Credential: N/A

Provide a brief description of the need for a co-permittee: Owner of the land

C. Core Data Form

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

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: Mrs. Last Name, First Name: Makayla Commander
Title: Project Engineer Credential: EIT
Organization Name: LightPoint Engineering, LLC.
Mailing Address: 604 West Worsham St., Ste. 100 City, State, Zip Code: Willis, Tx 77378
Phone No.: (936) 256-2626 E-mail Address: Makayla@spetexas.com
Check one or both: ☐ Administrative Contact ☒ Technical Contact

B. Prefix: Mr. Last Name, First Name: Barry Chuck
Title: Environmental Health & Safety Manager Credential: Click to enter text.
Organization Name: TEXAS WATER UTILITIES L.P.
Mailing Address: PO Box 140164 City, State, Zip Code: Austin, Texas 78714
Phone No.: 512-531-6271 E-mail Address: Chuck.Barry@nexuswg.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: Peters David
Title: Project Engineer Credential: P.E.
Organization Name: LightPoint Engineering, LLC.
Mailing Address: 604 West Worsham St., Ste. 100 City, State, Zip Code: Willis, Tx 77378
Phone No.: (936) 207-9984 E-mail Address: David@spetexas.com

B. Prefix: Mr. Last Name, First Name: Barry Chuck
Title: Environmental Health & Safety Manager Credential: Click to enter text.
Organization Name: Texas Water Utilities, L.P
Mailing Address: PO Box 140164 City, State, Zip Code: Austin, Texas 78714
Phone No.: 512-531-6271 E-mail Address: Chuck.Barry@nexuswg.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: Barry Chuck
Title: Environmental Health & Safety Manager Credential: Click to enter text.
Organization Name: Texas Water Utilities, L.P
Mailing Address: PO Box 140164 City, State, Zip Code: Austin, Texas 78714
Phone No.: 512-531-6271 E-mail Address: Chuck.Barry@nexuswg.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: Barry Chuck
Title: Environmental Health & Safety Manager Credential: Click to enter text.
Organization Name: Texas Water Utilities, L.P
Mailing Address: PO Box 140164 City, State, Zip Code: Austin, Texas 78714
Phone No.: 512-531-627 E-mail Address: Chuck.Barry@nexuswg.com

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Ms. Last Name, First Name: Kelemen, Stacy
Title: Project Admin Credential: Click to enter text.
Organization Name: LightPoint Engineering, LLC.
Mailing Address: 604 West Worsham St., Ste. 100 City, State, Zip Code: Willis, Tx 77378
Phone No.: 936-256-2626 E-mail Address: Stacy@spetexas.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: Peters David
Title: Project Engineer Credential: P.E.
Organization Name: LightPoint Engineering, LLC.
Mailing Address: 604 West Worsham St., Ste. 100 City, State, Zip Code: Willis, Tx 77378
Phone No.: 936-256-2626 E-mail Address: David@spetexs.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: R F Meador Branch
Location within the building: Notice Board
Physical Address of Building: 709 W Montgomery St.
City: Willis County: Montgomery
Contact (Last Name, First Name): Raye Morello
Phone No.: (936)442-7740 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: Admin F_2097_PLS

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: Admin G_PIP 20960

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 New

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):

Copia Pines WWTP

C. Owner of treatment facility: TEXAS WATER UTILITIES L.P.

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

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

Prefix: Mr.

Last Name, First Name: Williams Jeffical

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: 19943 Keenan Cut Off Rd City, State, Zip Code: Montgomery, TX 77316

Phone No.: (936)206-2200 E-mail Address: (936)209-9392

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: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: 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: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☒ No

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

New Permit – The proposed site of the Copia Pines WWTP is approximately 1.5 miles east of the intersection FM 149 and Keenan Cut off Rd Montgomery, Texas 77316.

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☐ No

If **no**, or a new or amendment permit application, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

N/A

City nearest the outfall(s): Montgomery

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

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

☐ Yes ☒ No

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

- ☐ Authorization granted ☐ Authorization pending

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

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

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

[Click to enter text.](#)

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

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: N/A

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account number: N/A

Amount past due: N/A

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, please provide the following information:

Enforcement order number: N/A

Amount past due: N/A

Section 13. Attachments (Instructions Page 33)

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

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

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

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

☐ Attachment 1 for Individuals as co-applicants

☐ Other Attachments. Please specify: Click to enter text.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: New

Applicant: TEXAS WATER UTILITIES L.P.

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): Jeffrey L. McIntyre

Signatory title: President

Signature: _____ Date: _____

(Use blue ink)

Subscribed and Sworn to before me by the said _____

on this _____ day of _____, 20____.

My commission expires on the _____ day of _____, 20____.

Notary Public

[SEAL]

County, Texas

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: New

Applicant: TEXAS WATER UTILITIES L.P.

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): Jeffrey L. McIntyre

Signatory title: President

Signature: _____

(Use blue ink)

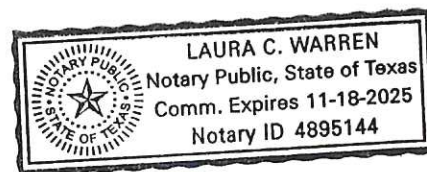
Date: _____

Subscribed and Sworn to before me by the said Jeffrey L. McIntyre
on this 25th day of February, 20 25.
My commission expires on the 18th day of November, 20 25.

Notary Public

[SEAL]

F. H. Bend
County, Texas



Section 14. Signature Page (Instructions Page 39)

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

Permit Number: New
Applicant: Jeffical Williams.

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): Jeffical Williams.
Signatory title: Land Owner.

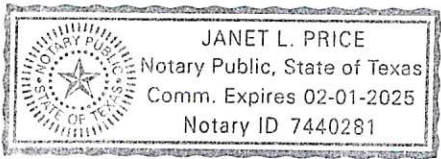
Signature: Jeffical Williams Date: 1-23-25
(Use blue ink)

Subscribed and Sworn to before me by the said Jeffical Williams
on this 23 day of January, 2025.
My commission expires on the 02 day of 01, 2025.

Janet L. Price
Notary Public

[SEAL]

Montgomery
County, Texas



DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

- A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
- ☒ The applicant's property boundaries
 - ☒ The facility site boundaries within the applicant's property boundaries
 - ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
 - ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☒ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
 - ☒ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
 - ☐ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
 - ☐ The property boundaries of all landowners surrounding the effluent disposal site
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
- B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
- C. Indicate by a check mark in which format the landowners list is submitted:
- ☒ USB Drive ☐ Four sets of labels
- D. Provide the source of the landowners' names and mailing addresses: Montgomery 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: Admin 1.0 SPIF 20971

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): Mrs,

Full legal name (Last Name, First Name, Middle Initial): Williams, Mary, Willie

Driver's License or State Identification Number: _____

Date of Birth: _____

Mailing Address: 19943 Kennan Cutoff Road

City, State, and Zip Code: Montgomery, Texas 77316

Phone Number: 936-443-3440 Fax Number: N/A

E-mail Address: Jmmwillia@aol.com

CN: N/A

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

Things to Know:

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

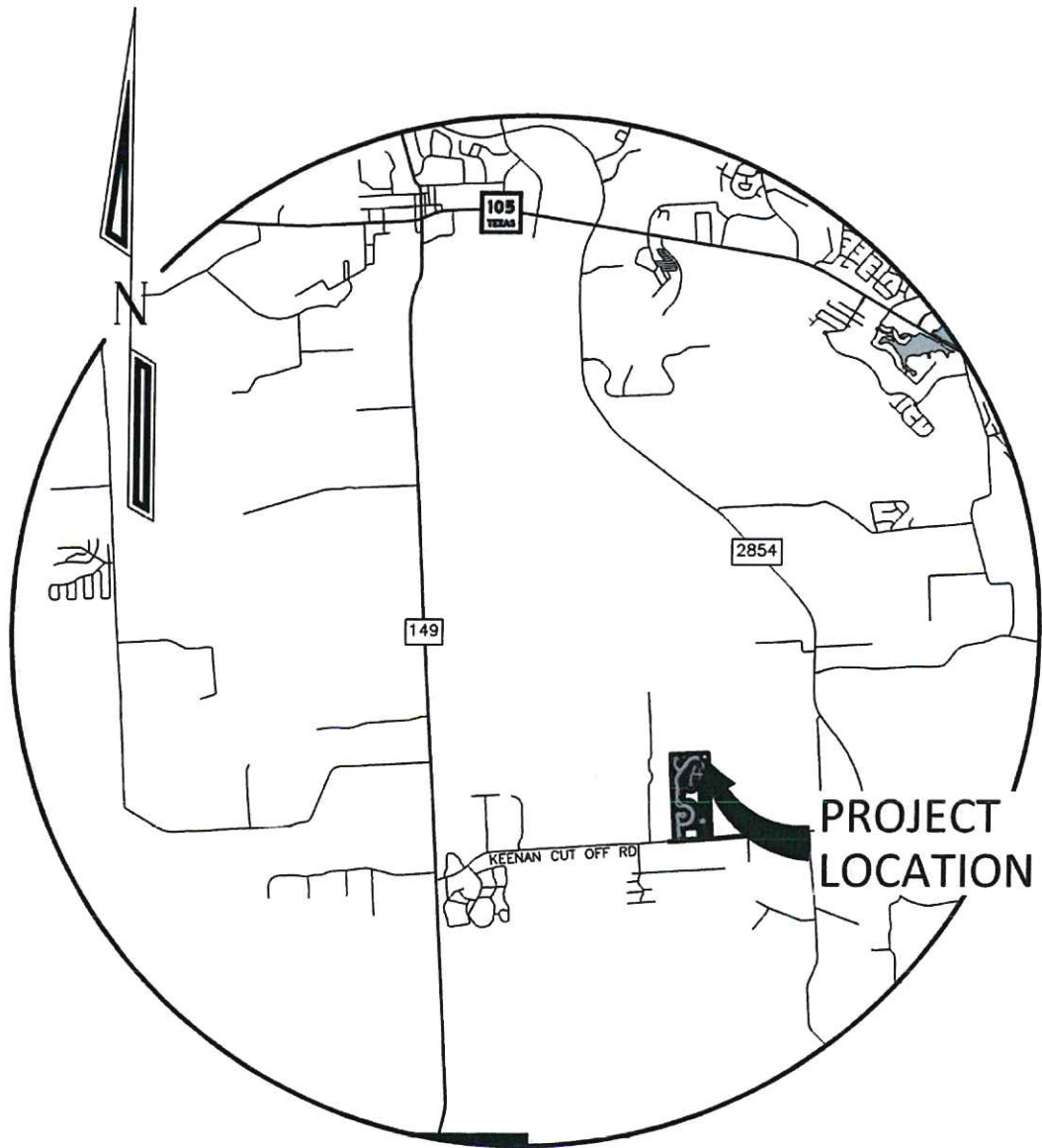
Landowners Cross Reference List ☐ N/A ☒ Yes
(See instructions for landowner requirements)

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

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


Plain Language Summary ☒ Yes

Attachment 1- Vicinity Map



VICINITY MAP

SCALE : NONE
MONTGOMERY COUNTY

	PROJECT NAME:	COPIA PINES	VICINITY MAP	 TBPE Firm No. 18938 604 W. Worsham St., Suite 100 Willis, TX 77378 936-256-2626
	PROJECT NUMBER:	GCL727-02		
	PREPARED FOR:	COPIA PINES DEVELOPMENT		
	DATE:	NOVEMBER 26, 2024		

Attachment 1.0 -Admin - SPIF 29071

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: COPIA PINES WWTP

Permit No. WQ00 NEWEPA ID No. TX NEW

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

The facility is located 1.75 mi east of the intersection FM 149 and Keenan Cut Off Road Montgomery, Texas 77316.

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

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

First and Last Name: Chuck Barry

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

Title: Environmental Health & Safety Manager

Mailing Address: PO BOX 140164

City, State, Zip Code: Austin, Texas 78714

Phone No.: (512)-531-6271 Ext.: Fax No.:

E-mail Address: chuck.barry@nexuswg.com

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

Same as Applicant

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 discharge from the proposed WWTP will outfall into 265' gravity sewer line with 12" pipe diameter and to Mound Creek (water segment: 1015A) San Jacinto River Basin

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):

N/A

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

TREES AND BUSHES

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:

N/A

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

N/A

Attachment 1.0 –Admin F – 20972 PLS



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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

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

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

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

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

Texas Water Utilities, L.P., (CN602740706) proposes to operate Copia Pines WWTP (RN(NEW)), an initial plant designed for .040 MGD and a final one for .0865 MGD. The final build out will have aeration basins, digesters, clarifiers, and chlorine contact basins as shown on the process flow diagram. The facility is located at approximately 1.75 mi east of the intersection FM 149 and Keenan Cut Off Road, in Montgomery, Montgomery County, Texas 77316. This application is for a new permit regarding a wastewater treatment plant.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), and **Escherichia Coli**. Domestic wastewater will be treated by Aerobic digester and the treatment units include a bar screen, an aeration basin, final clarifier, sludge digesters, and chlorine contact chambers.

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

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

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

Texas Water Utilities, L.P., (CN602740706) propone operar la PTAR de Copia Pines (RN(NUEVA)), una planta inicial diseñada para .040 MGD y una final para .0865 MGD. La construcción final tendrá tanques de aireación, digestores, clarificadores y tanques de contacto con cloro como se muestra en el diagrama de flujo del proceso. La instalación está ubicada aproximadamente a 1.75 millas al este de la intersección FM 149 y Keenan Cut Off Road, en Montgomery, Condado de Montgomery, Texas 77316. Esta solicitud es para un nuevo permiso relacionado con una planta de tratamiento de aguas residuales.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (TSS) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante digestor aeróbico y las unidades de tratamiento incluyen una rejilla de barras, un estanque de aireación, un clarificador final, digestores de lodos y cámaras de contacto de cloro.

INSTRUCTIONS

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

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

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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

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

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

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

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

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

Example 2: Domestic Wastewater TPDES Renewal application

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

The City of Texas (CN0000000000) operates the City of Texas wastewater treatment plant (RN0000000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 3: Domestic Wastewater TPDES New Application

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

The City of Texas (CN0000000000) proposes to operate the City of Texas wastewater treatment plant (RN0000000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 4: Domestic Wastewater TLAP Renewal application

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

of the permit application.

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

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

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD₅), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.

Attachment 1.0 –G - PIP 20960



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

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

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

Section 2. Secondary Screening

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

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

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

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

Section 3. Application Information

Type of Application (check all that apply):

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

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

Water Quality

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

Water Rights New Permit

- ☐ New Appropriation of Water
☐ New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

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 1.1 –Landowners List

#	Acres	Parcel Address	Owner	Owner Address	County
1	0.4600	HICKORY HILLS 398, LOT 64, ACRES 0.460	MARTINEZ, DANIEL LEOS & ANA J (401422)	7815 YAUPON RANCH CT CYPRESS TX 77433-1583	MONTGOMERY
2	5.0000	19439 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S576600 - Hickory Hills 398, Lot 22, ACRES 5	SMITH & JONES PROPERTIES, LLC (584537)	3011 POE DR MONTGOMERY TX 77356-5543	MONTGOMERY
3	4.4000	19493 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S576600 - Hickory Hills 398, Lot 20-A, ACRES 4.4	SMITH, MICHAEL T (275911)	19493 KEENAN CUT OFF RD MONTGOMERY TX 77316-2617	MONTGOMERY
4	3.5000	19513 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S576600 - Hickory Hills 398, Lot 19-B, 20-B, ACRES 3.5	TWTG INVESTMENTS LLC (651866)	18434 GARY PLAYER DR MONTGOMERY TX 77316-5443	MONTGOMERY
5	3.5000	19525 KEENAN CUT OFF RD, MONTGOMERY TX 77316	DIAMOND S INVESTMENTS & LAND LLC (701178)	11515 IMPERIAL LN MONTGOMERY TX 77316-9659	MONTGOMERY
6	3.0500	19691 KEENAN CUT OFF RD, MONTGOMERY TX 77316 HICKORY HILLS 398, LOT 13, ACRES 3.050	JENSEN, WILLIAM F (58715)	19691 KEENAN CUT OFF RD MONTGOMERY TX 77316-2618	MONTGOMERY
7	0.0000	S514101 - Forest Hills 01, Lot 33,	SANDERS, MARLAN W (219165)	19710 KEENAN CUT OFF RD MONTGOMERY TX 77316-2611	MONTGOMERY
8	3.7200	8053 FOREST HILLS DR, MONTGOMERY TX 77316 S514101 - Forest Hills 01, Lot 1, 2, 31, 32, ACRES 3.72	HAMILTON, DAVID K (68198)	PO BOX 132 MONTGOMERY TX 77356-0132	MONTGOMERY
9	0.0000	8053 FOREST HILLS DR, MONTGOMERY TX 77316	JOHNSON, TIMOTHY (601758)	PO BOX 47 MONTGOMERY TX 77356-0047	MONTGOMERY
10	0.0000	7871 FOREST HILLS DR, MONTGOMERY TX 77316 S514101 - Forest Hills 01, Lot 7-10,25,26	QUINLIN, SCOTT M (461536)	7871 FOREST HILLS DR MONTGOMERY TX 77316-9287	MONTGOMERY
11	0.0000	19708 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S514101 - Forest Hills 01, Lot 23, 24, SERIAL OC050013783, LABEL # PFS0630354	URCINO, MARCOS & MACRINA S BAILON & GERARDO A SALGADO (650825)	29014 CONNECTICUT AVE MAGNOLIA TX 77354-2127	MONTGOMERY
12	0.0000	FOREST HILLS 01, LOT 22	BORDERS, DARIN (575930)	706 SOUTHVIEW CIR CENTER TX 75935-4342	MONTGOMERY
13	0.0000	FOREST HILLS 01, LOT 21	BORDERS, DARIN (575930)	706 SOUTHVIEW CIR	MONTGOMERY

				CENTER TX 75935-4342	
14	0.0000	7817 FOREST HILLS DR, MONTGOMERY TX 77316 7817 FOREST HILLS DR, MONTGOMERY TX 77316	JOHNSON, SUMMER & TROY (700903)	7817 FOREST HILLS DR MONTGOMERY TX 77316-9287	MONTGOMERY
15	0.0000	7681 FOREST HILLS DR, MONTGOMERY TX 77316 S514101 - FOREST HILLS 01, LOT 16, 17, 18, 19, 49, SERIAL CHVM389888014716A, TITLE # CANCELED, LABEL # RAD1119777	LANZA, HILLARY ANNE (623705)	7681 FOREST HILLS DR MONTGOMERY TX 77316-9285	MONTGOMERY
16	0.0000	7669 FOREST HILLS DR, MONTGOMERY TX 77316 S514102 - Forest Hills 02, Lot 50, 52	FRANKHAUSER, NATHAN L & REBECCA S (635396)	7669 FOREST HILLS DR MONTGOMERY TX 77316-9285	MONTGOMERY
17	0.0000	7597 FOREST HILLS DR, MONTGOMERY TX 77316 S514102 - Forest Hills 02, Lot 54, 56	JONATHAN E ANDERSON REVOCABLE TRUST (580305)	7597 FOREST HILLS DR MONTGOMERY TX 77316-9284	MONTGOMERY
18	0.0000	7559 FOREST HILLS DR, MONTGOMERY TX 77316 FOREST HILLS 02, LOT 58, 60, 62, 64	RAMOS, ANASTACIO P JR & MARY N (299669)	7559 FOREST HILLS DR MONTGOMERY TX 77316-9284	MONTGOMERY
19	3.5970	7535 FOREST HILLS DR, MONTGOMERY TX 77316 S514102 - Forest Hills 02, Lot 66, 68, ACRES 3.597	TOMPKINS, JODY (511626)	7535 FOREST HILLS DR MONTGOMERY TX 77316-9284	MONTGOMERY
20	3.2230	S514102 - Forest Hills 02, Lot 70, 72, ACRES 3.223	GRIFFIN, ZACHARY & MARIA R ESPINOSA (699298)	20821 EVA ST STE D MONTGOMERY TX 77356-1976	MONTGOMERY
21	3.5000	A0033 ROGERS RALEIGH, TRACT 16, 17, 18, 20, 43 (SPLIT FOR TIM & AG), ACRES 3.500	MCCANTS FOREST LAND LIMITED (145991)	14717 RED RIVER DR CRP CHRISTI TX 78410-5626	MONTGOMERY
22	1.0000	19012 KEENAN CUT OFF RD, MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 22-A, 24-A, 24A-1, ACRES 1	LABELLA INTERESTS LP (314288)	333 SIMONTON ST STE 200 CONROE TX 77301-2667	MONTGOMERY
23	0.5000	19202 KEENAN CUT OFF RD, MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 25-A, ACRES 0.5	KEENAN NORTH DEVELOPEMENT LTD (721719)	28408 SWEETGUM RD UNIT B MAGNOLIA TX 77354-3189	MONTGOMERY
24	0.0650	A0033 - Rogers Raleigh, TRACT 26C-1, ACRES 0.065	MSEC ENTERPRISES INC (142809)	7625 HIGHWAY 6 NAVASOTA TX 77868-7478	MONTGOMERY
25	63.3880	19190 KEENAN CUT OFF RD,	MONTGOMERY ISD (102419)	PO BOX 1475 MONTGOMERY TX 77356-1475	MONTGOMERY

		MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 26-A, 26-C, ACRES 63.388			
26pre	3.0240	A0033 - Rogers Raleigh, TRACT 29-B, ACRES 3.024	KEENAN WATER SUPPLY CORPORATION (279548)	21053 CHAPEL RD MONTGOMERY TX 77316-9220	MONTGOMERY
27	2.0000	19530 KEENAN CUT OFF RD, MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 29-A, ACRES 2	MONTGOMERY CO EMERGENCY DIST 2 (451069)	20590 EVA ST MONTGOMERY TX 77356-1966	MONTGOMERY
28	1.000	7190 ADOUE RD, MONTGOMERY TX 77316 A0033 ROGERS RALEIGH, TRACT 22 PT, ACRES 1.000	ADOUE, NORMAN D (132046)	7 SENDERO WOODS BOERNE TX 78015-8367	MONTGOMERY
29	4.5000	S643400 - Kinkaid Farms, Lot 32-A (SPLIT FOR AG), ACRES 4.5	ROBBINS, MICHAEL STEPHEN (471581)	19577 FM 2854 RD MONTGOMERY TX 77316-3150	MONTGOMERY
30	18.4310	S643400 - Kinkaid Farms, Lot 22 - 27, 28-B, 29-A, ACRES 18.431	MCDOWELL, EDWARD & MARGARET (119938)	PO BOX 873 MONTGOMERY TX 77356-0873	MONTGOMERY
31	1.0000	19053 KINKAID RD W, MONTGOMERY TX 77316 KINKAID FARMS TR 31 (SPLIT FOR AG), ACRES 1.000	LAMBARD, WILLIAM & CANDACE (722338)	19053 KINKAID RD W # W MONTGOMERY TX 77316-4096	MONTGOMERY
32	8.1900	KINKAID FARMS, LOT 30-B, ACRES 8.190	LAMBARD, WILLIAM & CANDACE (722338)	19053 KINKAID RD W # W MONTGOMERY TX 77316-4096	MONTGOMERY

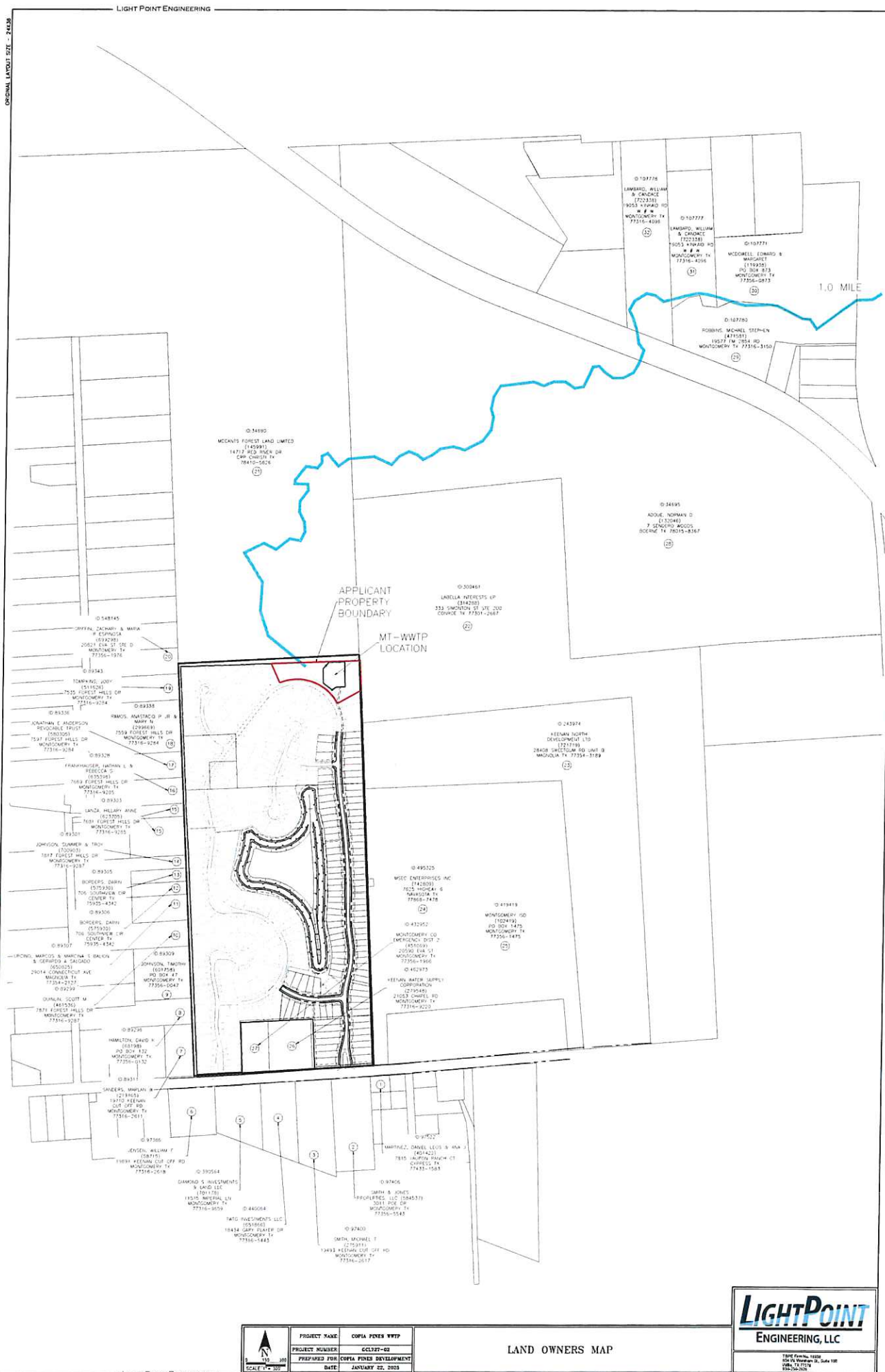
Attachment 1.1 – Landowners Labels

MARTINEZ, DANIEL LEOS & ANA J (401422) 7815 YAUPON RANCH CT CYPRESS TX 77433-1583	SMITH & JONES PROPERTIES, LLC (584537) 3011 POE DR MONTGOMERY TX 77356-5543	SMITH, MICHAEL T (275911) 19493 KEENAN CUT OFF RD MONTGOMERY TX 77316-2617
TWTG INVESTMENTS LLC (651866) 18434 GARY PLAYER DR MONTGOMERY TX 77316-5443	DIAMOND S INVESTMENTS & LAND LLC (701178) 11515 IMPERIAL LN MONTGOMERY TX 77316-9659	JENSEN, WILLIAM F (58715) 19691 KEENAN CUT OFF RD MONTGOMERY TX 77316-2618
SANDERS, MARLAN W (219165) 19710 KEENAN CUT OFF RD MONTGOMERY TX 77316-2611	HAMILTON, DAVID K (68198) PO BOX 132 MONTGOMERY TX 77356-0132	JOHNSON, TIMOTHY (601758) PO BOX 47 MONTGOMERY TX 77356-0047
QUINLIN, SCOTT M (461536) 7871 FOREST HILLS DR MONTGOMERY TX 77316-9287	URCINO, MARCOS & MACRINA S BAILON & GERARDO A SALGADO (650825) 29014 CONNECTICUT AVE MAGNOLIA TX 77354-2127	BORDERS, DARIN (575930) 706 SOUTHVIEW CIR CENTER TX 75935-4342
BORDERS, DARIN (575930) 706 SOUTHVIEW CIR CENTER TX 75935-4342	JOHNSON, SUMMER & TROY (700903) 7817 FOREST HILLS DR MONTGOMERY TX 77316-9287	LANZA, HILLARY ANNE (623705) 7681 FOREST HILLS DR MONTGOMERY TX 77316-9285
FRANKHAUSER, NATHAN L & REBECCA S (635396) 7669 FOREST HILLS DR MONTGOMERY TX 77316-9285	JONATHAN E ANDERSON REVOCABLE TRUST (580305) 7597 FOREST HILLS DR MONTGOMERY TX 77316-9284	RAMOS, ANASTACIO P JR & MARY N (299669) 7559 FOREST HILLS DR MONTGOMERY TX 77316-9284
TOMPKINS, JODY (511626) 7535 FOREST HILLS DR MONTGOMERY TX 77316-9284	GRIFFIN, ZACHARY & MARIA R ESPINOSA (699298) 20821 EVA ST STE D MONTGOMERY TX 77356-1976	MCCANTS FOREST LAND LIMITED (145991) 14717 RED RIVER DR CRP CHRISTI TX 78410-5626
LABELLA INTERESTS LP (314288) 333 SIMONTON ST STE 200 CONROE TX 77301-2667	KEENAN NORTH DEVELOPEMENT LTD (721719) 28408 SWEETGUM RD UNIT B MAGNOLIA TX 77354-3189	MSEC ENTERPRISES INC (142809) 7625 HIGHWAY 6 NAVASOTA TX 77868-7478
MONTGOMERY ISD (102419) PO BOX 1475 MONTGOMERY TX 77356-1475	KEENAN WATER SUPPLY CORPORATION (279548) 21053 CHAPEL RD MONTGOMERY TX 77316-9220	MONTGOMERY CO EMERGENCY DIST 2 (451069) 20590 EVA ST MONTGOMERY TX 77356-1966
ADOUE, NORMAN D (132046) 7 SENDERO WOODS BOERNE TX 78015-8367	ROBBINS, MICHAEL STEPHEN (471581) 19577 FM 2854 RD MONTGOMERY TX 77316-3150	MCDOWELL, EDWARD & MARGARET (119938) PO BOX 873 MONTGOMERY TX 77356-0873

LAMBARD, WILLIAM & CANDACE
(722338)
19053 KINKAID RD W # W
MONTGOMERY TX 77316-4096

LAMBARD, WILLIAM & CANDACE
(722338)
19053 KINKAID RD W # W
MONTGOMERY TX 77316-4096

Attachment 1.2 – Landowners Map



Attachment 1.3 – WWTP Discharge Location Exhibit



LEGEND:
● LOCATION OF PHOTO
➔ DIRECTION PHOTO WAS TAKEN



WWTP DISCHARGE UPSTREAM



WWTP LOCATION



WWTP DISCHARGE DOWNSTREAM

ENGINEERING, LLC

200 W. Main St., Suite 100
Birmingham, AL 35201
205.261.1177

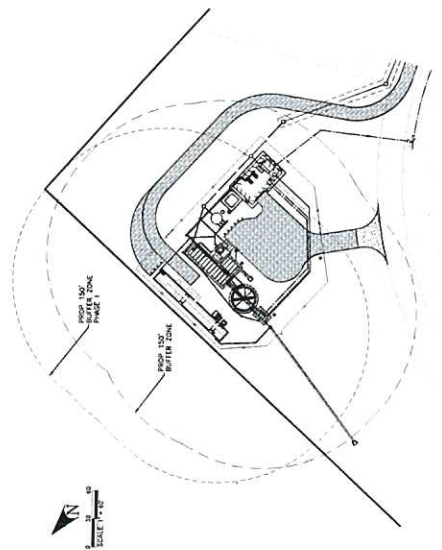
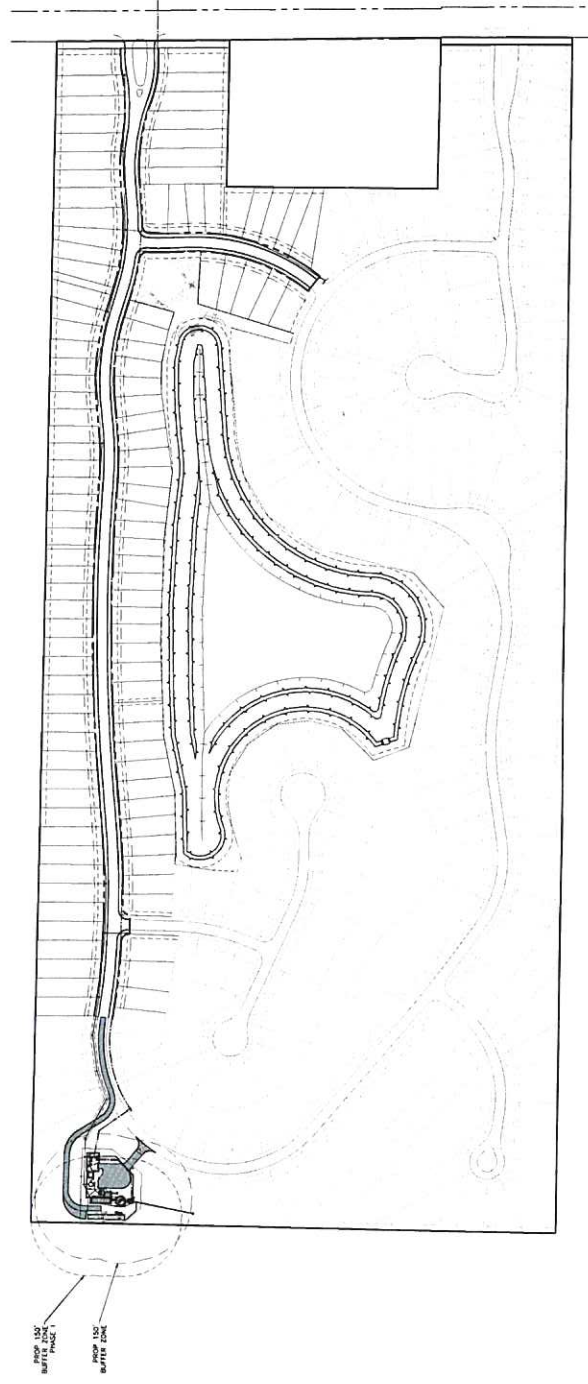
WWTP DISCHARGE LOCATION EXHIBIT

PROJECT NAME	COPPA POND WWTP
PROJECT NUMBER	GCSTP-22
DATE	10/15/2025
BY	W. J. JONES

Attachment 1.4 – Buffer Zone

BUFFER ZONE EXHIBIT

PROJECT NAME	CITY OF PALM BEACH
PROJECT NUMBER	CL-2021-02
PREPARED BY	JOHN J. BARNETT
DATE	08/04/2021
SCALE	AS SHOWN



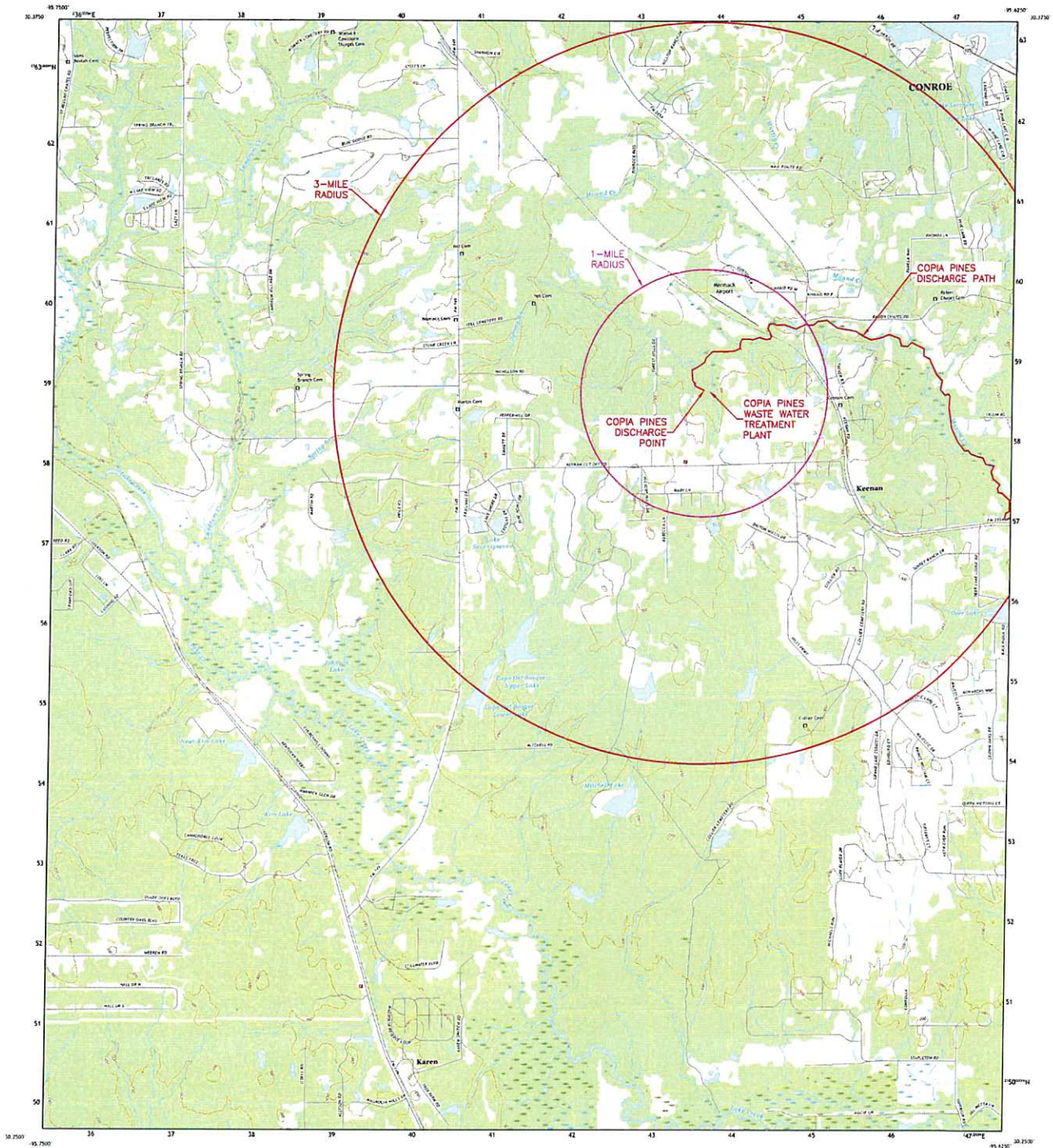
Attachment 1.5 –USGS Map



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



KEENAN QUADRANGLE
TEXAS - MONTGOMERY COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey

with a revision of 100,000

Map Centered on: 37° 10' N, 95° 42' W

This map is not a legal document. Boundaries may be

shown for informational purposes only. Please do not rely on

information shown on this map for legal purposes. Please refer to the

original source for legal purposes.

Map Date: 2012

Map Scale: 1:24,000

Map Projection: UTM

Map Datum: NAD 83

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

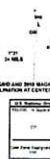
Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet

Map Contour Interval: 10 Feet



SCALE 1:24,000

CONTOUR INTERVAL: 10 FEET

MAP DATUM: NAD 83

MAP PROJECTION: UTM

MAP SCALE: 1:24,000

MAP DATE: 2012

MAP CENTER: 37° 10' N, 95° 42' W

MAP DATUM: NAD 83

MAP PROJECTION: UTM

MAP SCALE: 1:24,000

MAP DATE: 2012

MAP CENTER: 37° 10' N, 95° 42' W

MAP DATUM: NAD 83

MAP PROJECTION: UTM

MAP SCALE: 1:24,000

MAP DATE: 2012

MAP CENTER: 37° 10' N, 95° 42' W



Keenan, TX

2012

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ROAD CLASSIFICATION

Expressway

Intersecting Road

Route

Unimproved Road

Local Connector

Link Road

Unimproved

Unimproved

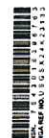
Unimproved

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KEENAN, TX
2012



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



COWL SPUR QUADRANGLE
TEXAS-MONTGOMERY CO.
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
Horizontal datum: Universal Transverse Mercator (UTM)
Vertical datum: Mean Sea Level (MSL)
This map is not a legal document. Boundary lines are for general information only and do not constitute a legal description. Boundary lines are for general information only and do not constitute a legal description. Boundary lines are for general information only and do not constitute a legal description.

Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
Horizontal datum: Universal Transverse Mercator (UTM)
Vertical datum: Mean Sea Level (MSL)
This map is not a legal document. Boundary lines are for general information only and do not constitute a legal description. Boundary lines are for general information only and do not constitute a legal description. Boundary lines are for general information only and do not constitute a legal description.

SCALE 1:24 000
Horizontal datum: Universal Transverse Mercator (UTM)
Vertical datum: Mean Sea Level (MSL)
This map is not a legal document. Boundary lines are for general information only and do not constitute a legal description. Boundary lines are for general information only and do not constitute a legal description. Boundary lines are for general information only and do not constitute a legal description.

Legend
Topography
Roads
Water
Boundaries
Other

ROAD CLASSIFICATION
Legend
Topography
Roads
Water
Boundaries
Other

Legend
Topography
Roads
Water
Boundaries
Other



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): 0.04 MGD

2-Hr Peak Flow (MGD): 0.16 MGD

Estimated construction start date: 10/2025

Estimated waste disposal start date: 03/2026

B. Interim II Phase

Design Flow (MGD): N/A

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

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): 0.0865 MGD

2-Hr Peak Flow (MGD): 0.346 MGD

Estimated construction start date: TBD

Estimated waste disposal start date: TBD

D. Current Operating Phase

Provide the startup date of the facility: NEW

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

The proposed system will utilize a mechanical rotary screen pre-treatment unit to remove 80 percent of influent suspended solids. The biological treatment units operate as an aerated treatment system based on providing an effluent quality of 10 mg/l CBOD and 15 mg/l Suspended Solids. Nitrification to a NH₄ level of 3 mg/l is provided. Final clarification is achieved using an automated skimming unit. Disinfection will be provided by liquid sodium hypochlorite in an aerated contact basin with a detention time at peak flow that exceeds 20 minutes. Waste solids from the tube settling unit will be sent to an aerobic digestion unit with a solids detention time that exceeds 15 days. Disposal will be through a licensed contract waste hauling company. Aeration equipment will be two positive displacement blowers with each unit having the capability of supplying the full 487 CFM required for aeration and mixing. Discharge will be measured through a 90-degree V-notch weir and continue through a 12-inch gravity line to the permitted discharge point.

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)
Proposed Rotary Screens	1	
Lift Station	1	
Aeration Basin	1	50FT x 12FT x 10.5 FT
Digester	1	16FT x 12FT x 10.5 FT
Clarifier	1	D=26FT
Disinfection	1	7FT x 11FT x 9FT

C. Process Flow Diagram

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

Attachment: Attachment 2.1

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

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

- Latitude: 30°19'48.23" N
- Longitude: 95° 39'57.86" W

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 1.4

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

The Copia Pines subdivision will consist of single-family residential homes. The subdivision complete buildout is 333 connections.

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
Copia Pines	Texas Water Utilities, L.P.	Privately Owned	999
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 5. Closure Plans (Instructions Page 45)

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

☐ Yes ☒ No

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

☐ Yes ☐ No

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

N/A

Section 6. Permit Specific Requirements (Instructions Page 45)

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

A. Summary transmittal

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

☐ Yes ☒ No

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

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

N/A

B. Buffer zones

Have the buffer zone requirements been met?

☒ Yes ☐ No

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

N/A

C. Other actions required by the current permit

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

☐ Yes ☒ No

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

N/A

D. Grit and grease treatment

1. Acceptance of grit and grease waste

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

☐ Yes ☒ No

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

2. Grit and grease processing

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

N/A

3. Grit disposal

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

☐ Yes ☐ No

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

Describe the method of grit disposal.

N/A

4. Grease and decanted liquid disposal

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

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

N/A

E. Stormwater management

1. Applicability

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

☐ Yes ☒ No

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

☐ Yes ☒ No

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

2. MSGP coverage

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

☐ Yes ☐ No

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

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

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

☐ Yes ☐ No

3. Conditional exclusion

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

☐ Yes ☐ No

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

N/A

4. Existing coverage in individual permit

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

☐ Yes ☐ No

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

N/A

5. Zero stormwater discharge

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

☐ Yes ☐ No

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

N/A

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

6. Request for coverage in individual permit

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

☐ Yes ☐ No

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

N/A

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

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

☒ Yes ☐ No

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. Attachment 2.5

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.

N/A

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

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

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

☐ Yes ☒ No

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

N/A

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

Is the facility in operation?

☐ Yes ☒ No

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

If yes, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **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	N/A				
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, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity (CaCO ₃)*, mg/l					

*TPDES permits only

†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l	N/A				
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: Dalton McNeil

Facility Operator's License Classification and Level: A

Facility Operator's License Number: WW00072702

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
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		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: [Mount Houston Road MUD WWTP](#)

TCEQ permit or registration number: [WQ0011154001](#)

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

E. Transportation method

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

Name of the hauler: [Magna-Flow Environmental](#)

Hauler registration number: [21484](#)

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: N/A
- USDA Natural Resources Conservation Service Soil Map:
Attachment: N/A
- Federal Emergency Management Map:
Attachment: N/A
- Site map:
Attachment: N/A

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

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

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

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

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

N/A

B. Temporary storage information

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

Nitrate Nitrogen, mg/kg: N/A

Total Kjeldahl Nitrogen, mg/kg: N/A

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

Phosphorus, mg/kg: N/A

Potassium, mg/kg: N/A

pH, standard units: N/A

Ammonia Nitrogen mg/kg: N/A

Arsenic: N/A

Cadmium: N/A

Chromium: N/A

Copper: N/A

Lead: N/A

Mercury: N/A

Molybdenum: N/A

Nickel: N/A

Selenium: N/A

Zinc: N/A

Total PCBs: N/A

Provide the following information:

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

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

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

C. Liner information

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

☐ Yes ☐ No

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

N/A

D. Site development plan

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

N/A

Attach the following documents to the application.

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

E. Groundwater monitoring

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

☐ Yes ☐ No

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

Attachment: [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:

N/A

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

☐ Yes ☒ No

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

☐ Yes ☒ No

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

N/A

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

A. RCRA hazardous wastes

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

☐ Yes ☒ No

B. Remediation activity wastewater

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

☐ Yes ☒ No

C. Details about wastes received

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

Attachment: N/A

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: N/A New Permit

Title: Click to enter text.

Signature: _____

Date: _____

DOMESTIC WASTEWATER PERMIT APPLICATION

TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 57)

A. Justification of permit need

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

The Copia Pines subdivision will consist of approximately 330 connections. The construction for the COPIA PINES-WWTP is dependent on the developer for the subdivision. The first phase of the subdivision will consist of 160 connections. Per TCEQ 160X 2.5 X100 = 40,000 gpd therefore phase 1 will be a 40,000 gpd system. Phase 2 includes an additional flow of 86,500 gpd treatment systems. $333 \times 2.5 \times 100 = 83,250$ gpd.

B. Regionalization of facilities

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

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

1. Municipally incorporated areas

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

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

☐ Yes ☒ No ☐ Not Applicable

If yes, within the city limits of: N/A

If yes, attach correspondence from the city.

Attachment: N/A

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

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

2. Utility CCN areas

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

☐ Yes ☒ No

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

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

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

3. *Nearby WWTPs or collection systems*

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

☒ Yes ☐ No

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

Attachment: [Attachment 2.2](#)

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 2.2](#)

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): [N/A](#)

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

[N/A](#)

B. Proposed organic loading

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

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD5 Concentration (mg/l)
Municipality		
Subdivision	0.04/0.0865	300/300
Trailer park - transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.04/0.0865	
AVERAGE BOD ₅ from all sources		300/300

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

A. Existing/Interim I Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15 mg/l

Ammonia Nitrogen, mg/l: 3 mg/l

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4 mg/l

Other: N/A

B. Interim II Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: N/A

Ammonia Nitrogen, mg/l: N/A

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

C. Final Phase Design Effluent Quality

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

Total Suspended Solids, mg/l: 15 mg/l

Ammonia Nitrogen, mg/l: 3 mg/l

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: 4 mg/l

Other: N/A

D. Disinfection Method

Identify the proposed method of disinfection.

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

Dechlorination process: Click to enter text.

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

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 59)

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

Attachment: Attachment 2.6

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 flood maps- [Attachment 2.0](#)

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 2.4](#)

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)**: N/A

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

Attach a solids management plan to the application.

Attachment: [Attachment 2.5](#)

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

- Treatment units and processes dimensions and capacities

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

☐ Yes ☒ No

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

Owner of the drinking water supply: N/A

Distance and direction to the intake: N/A

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

Attachment: N/A

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

Does the facility discharge into tidally affected waters?

☐ Yes ☒ No

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

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: 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).

N/A

C. Sea grasses

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

☐ Yes ☐ No

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

N/A

Section 3. Classified Segments (Instructions Page 64)

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

☐ Yes ☒ No

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

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

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

Name of the immediate receiving waters: Mound Creek

A. Receiving water type

Identify the appropriate description of the receiving waters.

☒ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

Average depth of the entire water body, in feet: Click to enter text.

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

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

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

☒ Intermittent - dry for at least one week during most years

☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses

☐ Perennial - normally flowing

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

☐ USGS flow records

☐ Historical observation by adjacent landowners

☒ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

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

Mound 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.

N/A

E. Normal dry weather characteristics

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

Small intermittent flowing creek

Date and time of observation: Jan 14, 2025

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 type="checkbox"/> Agricultural runoff |
| <input type="checkbox"/> Septic tanks | <input checked="" type="checkbox"/> Other(s), specify: <u>Click to enter text.</u> |

B. Waterbody uses

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

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

C. Waterbody aesthetics

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

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

Attachment 2.0 – Site Plan

REV	DATE	COMMENT

REV	DATE	COMMENT

THIS SET OF PLANS WAS PREPARED BY THE ENGINEER OF A PROFESSIONAL ENGINEERING FIRM IN THE STATE OF TEXAS, FOR THE PROJECT OF THE AUC/GENERAL CONTRACTOR FOR COPAL PINES WASTEWATER TREATMENT PLANT. THE PLANS ARE TO BE USED FOR CONSTRUCTION.

OVERALL SITE PLAN COPAL PINES WASTEWATER TREATMENT PLANT MONTGOMERY COUNTY, TEXAS

LIGHTPOINT ENGINEERING, LLC

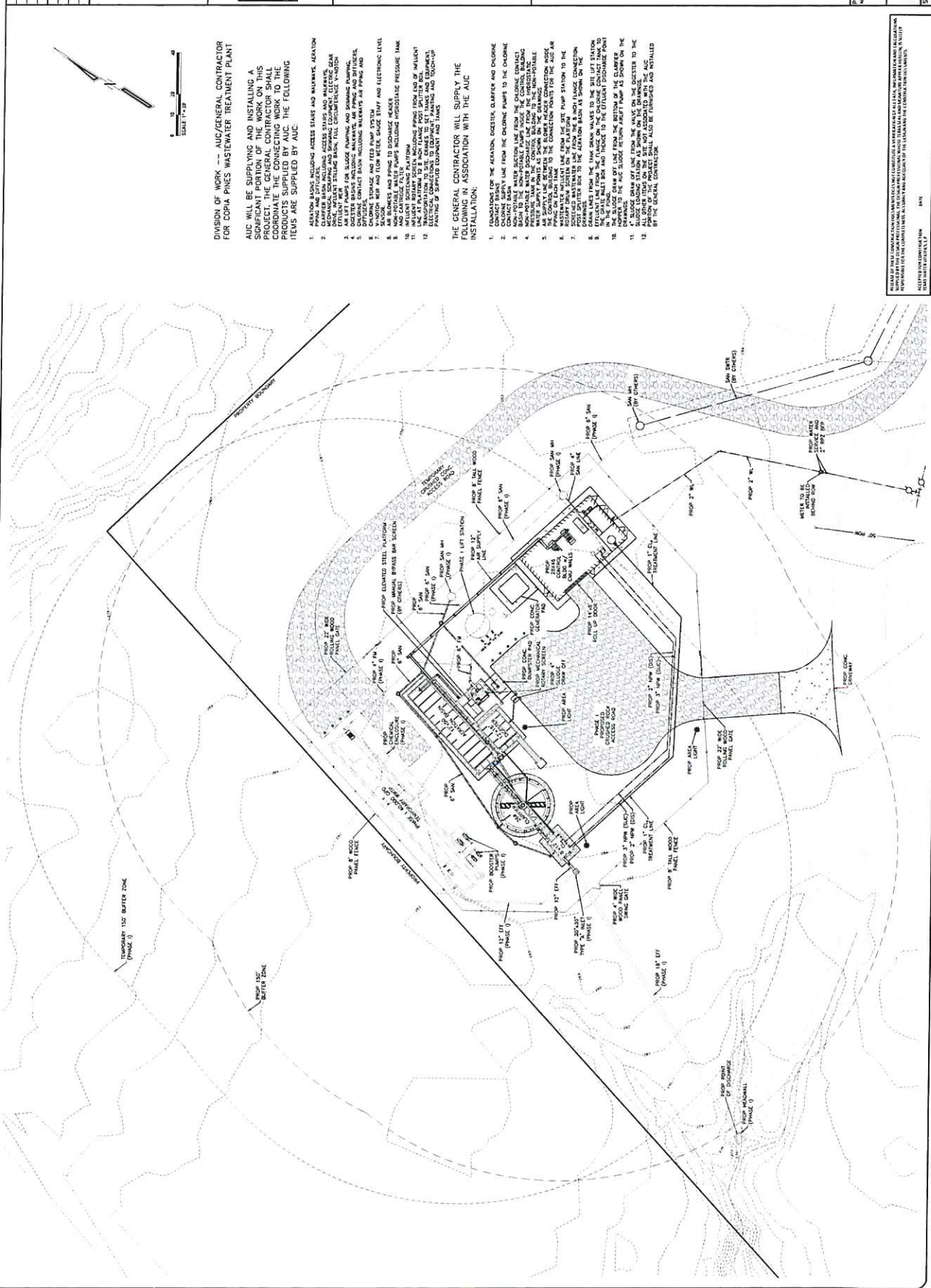
604 W. WORTHAM ST.
WILLIS, TEXAS 77378
TEL (936) 256-2626
TBP# Firm No. 18938

PREPARED FOR: MONTGOMERY COUNTY, TEXAS

PROJECT: COPAL PINES WASTEWATER TREATMENT PLANT

SHEET: 4 OF 4

GCL727-02



DIVISION OF WORK -- AUC/GENERAL CONTRACTOR FOR COPAL PINES WASTEWATER TREATMENT PLANT

AUC WILL BE SUPPLYING AND INSTALLING A SIGNIFICANT PORTION OF THE WORK ON THIS PROJECT. THE GENERAL CONTRACTOR SHALL COORDINATE THE CONSTRUCTION OF THE FOLLOWING ITEMS ARE SUPPLIED BY AUC:

1. AERATION BASINS INCLUDING ACCESS STAIRS AND WALKWAYS, AERATION PIPING AND OUTFALLS.
2. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
3. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
4. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
5. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
6. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
7. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
8. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
9. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
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11. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.
12. AERATION BASIN FLOORS INCLUDING ACCESS STAIRS AND WALKWAYS, MECHANICAL ROOMS AND STORAGE AREAS, AND AERATION BASIN EFFLUENT TREATMENT BASIN TILL CIRCUMFERENCE V-NOTCH.

THE GENERAL CONTRACTOR WILL SUPPLY THE FOLLOWING IN ASSOCIATION WITH THE AUC INSTALLATION:

1. FOUNDATIONS FOR THE AERATION, CLARIFIER, PUMPS AND CHLORINE CONTACT TANK.
2. CHLORINE SUPPLY LINE FROM THE CHLORINE PUMPS TO THE CHLORINE CONTACT TANK.
3. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.
4. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.
5. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.
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9. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

10. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

11. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

12. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

1. FOUNDATIONS FOR THE AERATION, CLARIFIER, PUMPS AND CHLORINE CONTACT TANK.

2. CHLORINE SUPPLY LINE FROM THE CHLORINE PUMPS TO THE CHLORINE CONTACT TANK.

3. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

4. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

5. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

6. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

7. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

8. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

9. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.

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12. NON-PORTABLE WATER SUPPLY LINE FROM THE CHLORINE CONTACT TANK TO THE CHLORINE CONTACT TANK.


Attachment 2.0 – B – Soil Map


Custom Soil Resource Report Soil Map





MAP LEGEND


- Area of Interest (AOI)

Area of Interest (AOI)


Soils


Soil Map Unit Polygons


Soil Map Unit Lines


Soil Map Unit Points


Special Point Features


Blowout


Borrow Pit


Clay Spot


Closed Depression


Gravel Pit


Gravelly Spot


Landfill


Lava Flow


Marsh or swamp


Mine or Quarry


Miscellaneous Water


Perennial Water


Rock Outcrop


Saline Spot

Sandy Spot


Severely Eroded Spot

Sinkhole


Slide or Slip


Sodic Spot


Water Features


Streams and Canals


Transportation

Rails


Interstate Highways

US Routes


Major Roads


Local Roads


Background


Aerial Photography


Soil Area


Spoil Area

Stony Spot

Very Stony Spot

Wet Spot

Other

Special Line Features

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Montgomery County, Texas
Survey Area Data: Version 22, Aug 30, 2024

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Jan 26, 2023—Mar 4, 2023

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

10

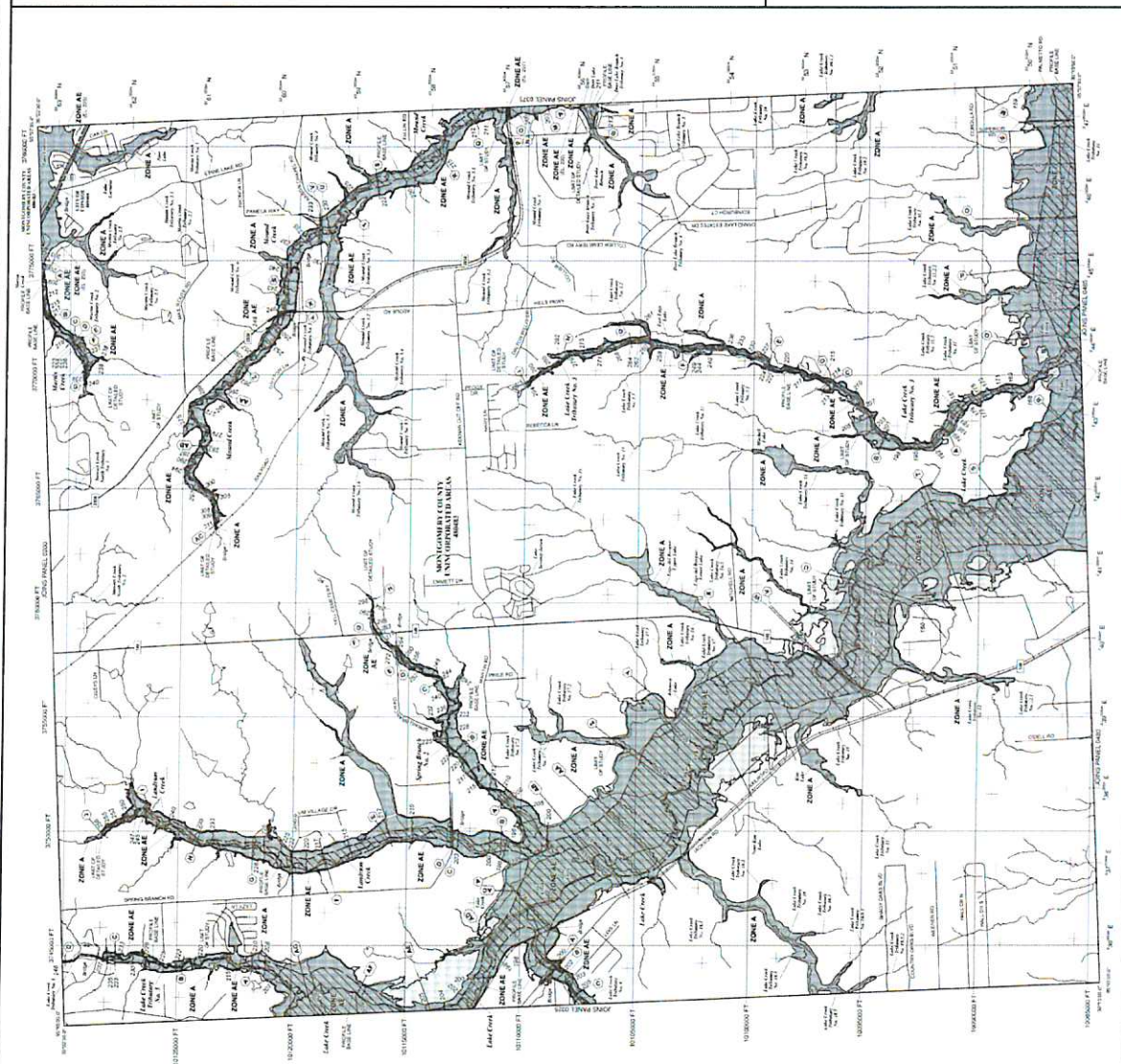
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
Fs	Lilbert loamy fine sand	14.1	74.6%
WkC	Fetzer loamy fine sand, 1 to 5 percent slopes	4.8	25.4%
Totals for Area of Interest		18.9	100.0%

Attachment 2.0 – C – FEMA Map

PROJECT NAME	COPLA PINES WWTP
PROJECT NUMBER	GC127-02
PREPARED FOR COPLA PINES DEVELOPMENT	

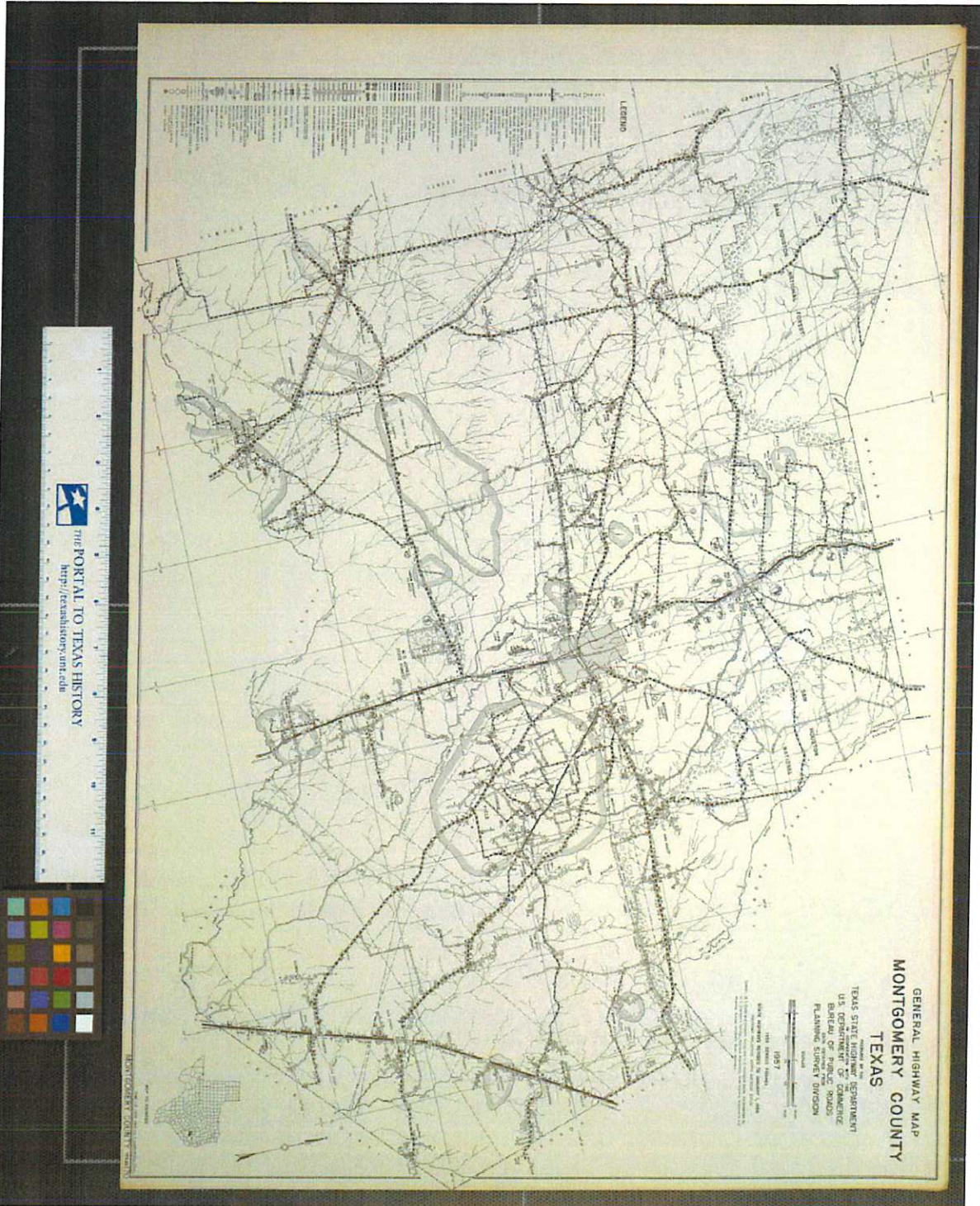
LIGHT POINT ENGINEERING

[illegible][illegible][illegible]

Attachment 2.0 – General Highway

LIGHT POINT ENGINEERING

LIGHT POINT ENGINEERING



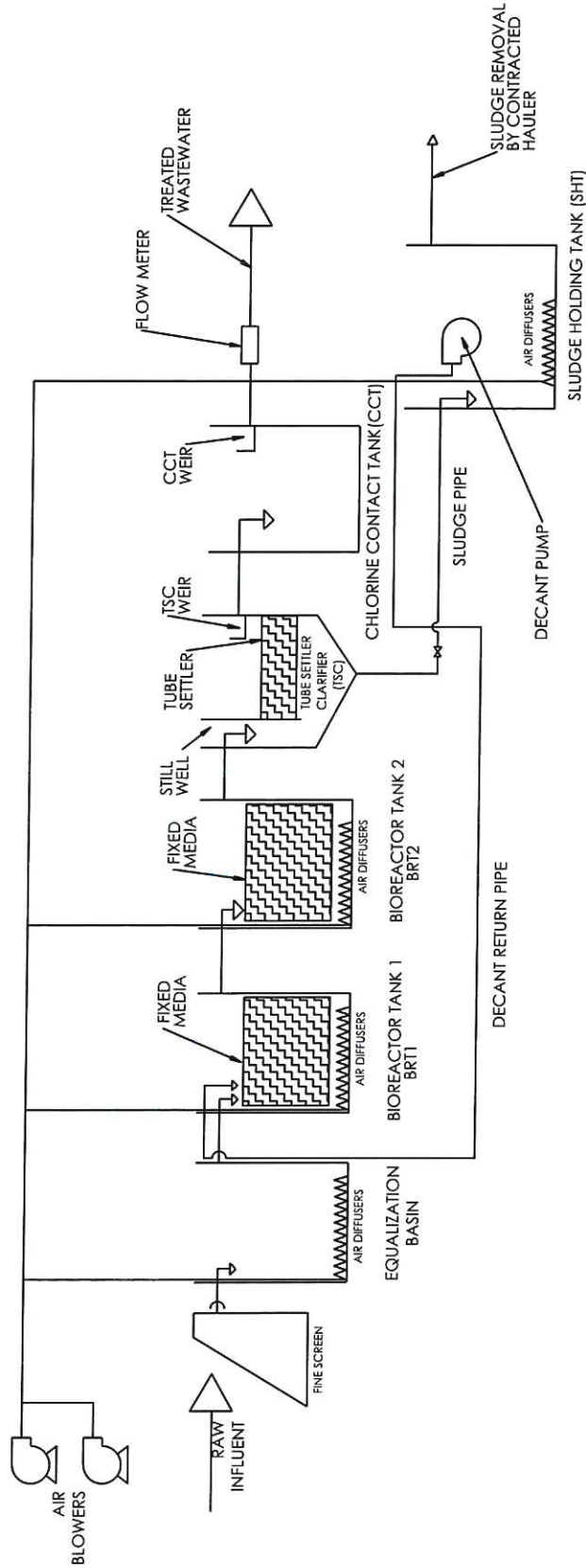
PROJECT NAME	COPA PINE 979
PROJECT NUMBER	50372-02
PREPARED FOR	COPA PINE DEVELOPMENT
DATE	JANUARY 02, 2025

GENERAL HIGHWAY MAP

LIGHTPOINT
ENGINEERING, LLC

1225 N. 10th St.
Suite 100
Ft. Worth, TX 76102
817.335.1000
www.lightpointeng.com

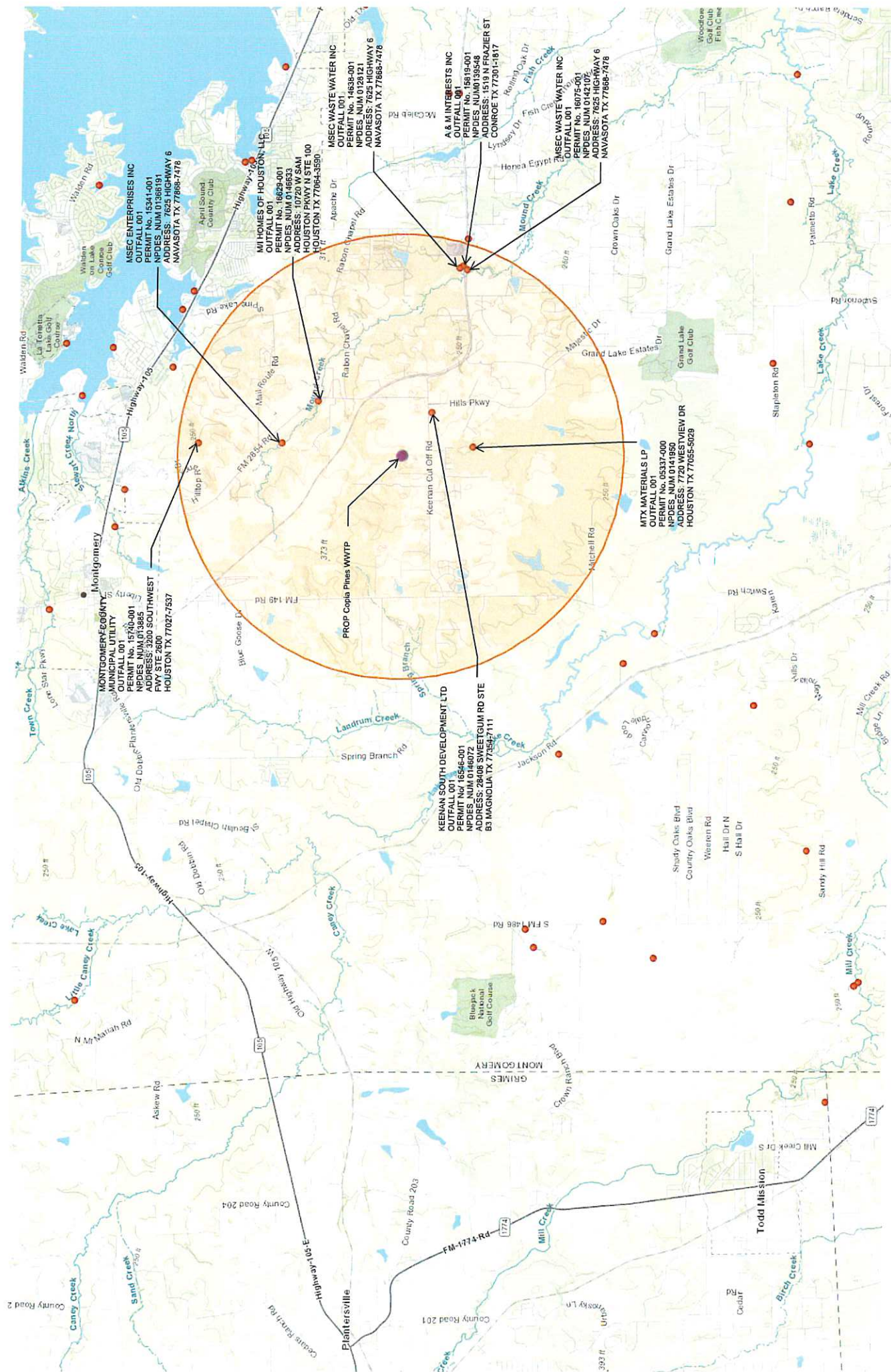
Attachment 2.1 – Flow Process Diagram



PROJECT NAME	COPIA PINES WFTF
PROJECT NUMBER	GCL277-02
PREPARED FOR	COPIA PINES DEVELOPMENT
DATE	JANUARY 18, 2025



Attachment 2.2 – Location Exhibit





Director of Utilities
A & M INTERESTS INC
City of Conroe
1519 N FRAZIER ST
Conroe, Texas 77301

ENTITY: A & M INTERESTS INC

RE: Request for Service – Copia Pines Wastewater System

The Copia Pines Wastewater Treatment Plant is applying to the Texas Commission on Environmental Quality (TCEQ) for a TPDES permit to discharge initially 40,000 GPD (Avg. Daily Flow) and finally 86,500 GPD (Avg. Daily Flow).

As part of the application, TCEQ has requested that the Copia Pines Wastewater System contact existing wastewater systems within 3 miles of the proposed system and request service from each of those systems. The TCEQ requires a **Denial-of-Service letter** if your system cannot provide the quantity of wastewater treatment required for the new development.

Please review the attached map of the proposed development and if you cannot or will not provide the requested quantity of treatment capacity, please send a letter of "Denial of Service" to makayla@spetexas.com or the following address:

Mr. Michael Mathena, P.E.
LightPoint Engineering, LLC.
604 W. Worsham Street
Willis, Texas 77378
Re: Copia Pines Wastewater System

If you need additional information on this request for a letter of "Denial of Service", please call or email:
MaKayla Commander
936-256-2626
Makayla@spetexas.com

Your attention to this request is appreciated.
Thank you,

David W. Peters, P.E.
504-710-1082



Director of Utilities

KEENAN SOUTH DEVELOPMENT LTD

City of Magnolia

28408 Sweetgum Rd. Ste B3

Magnolia, Texas 77354

ENTITY: KEENAN SOUTH DEVELOPMENT LTD

RE: Request for Service – Copia Pines Wastewater System

The Copia Pines Wastewater Treatment Plant is applying to the Texas Commission on Environmental Quality (TCEQ) for a TPDES permit to discharge initially 40,000 GPD (Avg. Daily Flow) and finally 86,500 GPD (Avg. Daily Flow).

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LightPoint Engineering, LLC.

604 W. Worsham Street

Willis, Texas 77378

Re: Copia Pines Wastewater System

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MaKayla Commander

936-256-2626

Makayla@spetexas.com

Your attention to this request is appreciated.

Thank you,

David W. Peters, P.E.

504-710-1082



Director of Utilities

M/I HOMES OF HOUSTON, LLC

City of Houston

10720 W Sam Houston Pkwy N Ste 100

Houston, Texas 77064

ENTITY: M/I HOMES OF HOUSTON, LLC

RE: Request for Service – Copia Pines Wastewater System

The Copia Pines Wastewater Treatment Plant is applying to the Texas Commission on Environmental Quality (TCEQ) for a TPDES permit to discharge initially 40,000 GPD (Avg. Daily Flow) and finally 86,500 GPD (Avg. Daily Flow).

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Makayla@spetexas.com

Your attention to this request is appreciated.

Thank you,

David W. Peters, P.E.

504-710-1082



Director of Utilities
Montgomery County Municipal Utility
City of Montgomery
3200 Southwest Fwy Ste 2600
Houston, Texas 77027

ENTITY: Montgomery County Municipal Utility

RE: Request for Service – Copia Pines Wastewater System

The Copia Pines Wastewater Treatment Plant is applying to the Texas Commission on Environmental Quality (TCEQ) for a TPDES permit to discharge initially 40,000 GPD (Avg. Daily Flow) and finally 86,500 GPD (Avg. Daily Flow).

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LightPoint Engineering, LLC.
604 W. Worsham Street
Willis, Texas 77378
Re: Copia Pines Wastewater System

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MaKayla Commander
936-256-2626
Makayla@spetexas.com

Your attention to this request is appreciated.
Thank you,

David W. Peters, P.E.
504-710-1082



Director of Utilities
MSEC WASTE WATER INC
City of Navasota
7625 HIGHWAY 6
Navasota, Texas 77868

ENTITY: MSEC WASTE WATER INC

RE: Request for Service – Copia Pines Wastewater System

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LightPoint Engineering, LLC.
604 W. Worsham Street
Willis, Texas 77378
Re: Copia Pines Wastewater System

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Makayla@spetexas.com

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David W. Peters, P.E.
504-710-1082



Director of Utilities
MSEC WASTE WATER INC
City of Navasota
7625 HIGHWAY 6
Navasota, Texas 77868

ENTITY: MSEC WASTE WATER INC

RE: Request for Service – Copia Pines Wastewater System

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604 W. Worsham Street
Willis, Texas 77378
Re: Copia Pines Wastewater System

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MaKayla Commander
936-256-2626
Makayla@spetexas.com

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David W. Peters, P.E.
504-710-1082



Director of Utilities
MSEC ENTERPRISES INC
City of Navasota
7625 HIGHWAY 6
Navasota, Texas 77868

ENTITY: MSEC ENTERPRISES INC

RE: Request for Service – Copia Pines Wastewater System

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604 W. Worsham Street
Willis, Texas 77378
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936-256-2626
Makayla@spetexas.com

Your attention to this request is appreciated.
Thank you,

David W. Peters, P.E.
504-710-1082



Director of Utilities
MTX MATERIALS LP
City of Houston
7720 Westview Dr.
Houston, Texas 77055

ENTITY: MTX MATERIALS LP

RE: Request for Service – Copia Pines Wastewater System

The Copia Pines Wastewater Treatment Plant is applying to the Texas Commission on Environmental Quality (TCEQ) for a TPDES permit to discharge initially 40,000 GPD (Avg. Daily Flow) and finally 86,500 GPD (Avg. Daily Flow).

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LightPoint Engineering, LLC.
604 W. Worsham Street
Willis, Texas 77378
Re: Copia Pines Wastewater System

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MaKayla Commander
936-256-2626
Makayla@spetexas.com

Your attention to this request is appreciated.
Thank you,

David W. Peters, P.E.
504-710-1082

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

A&M Interests INC
1519 N Frazier St.
Conroe, Tx 77301



6590 24 234 5676 52

2. Article Number (Transfer from service label)

9589 0710 5270 1998 1794 61

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | |

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

Director of Utilities
MSEC Waste Water INC
City of Navasota
7625 Highway 6
Navasota, Tx 77868



9590 9402 9252 4295 7022 83

2. Article Number (Transfer from service label)

PSI 9589 0710 5270 1998 1795 08

Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature]
B. Received by (Printed Name)
[Signature]

☐ Agent☐ Addressee

C. Date of Delivery

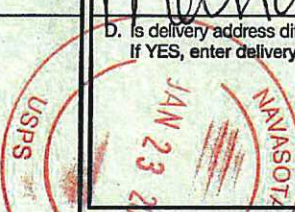
D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Montgomery County Municipal
Utility
3200 Southwest Fwy Ste 2600
Houston, Tx 77027



9590 9402 9252 4295 7022 38

2. Article Number (Transfer from service label)

1589 9589 0710 5270 1998 1795 15 tricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Seylon I. McPhoy

☐ Agent☐ Addressee

B. Received JAN 23 2025

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted

Delivery

☐ Signature Confirmation™☐ Signature Confirmation

Restricted Delivery

707-02F Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

MSEC Enterprises INC
7625 Highway 6
Navasota, Tx 77868



9590 9402 9252 4295 7022 90

2. Article Number (Transfer from service label)

9589 0710 5270 1998 1794 92

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *[Signature]*

☐ Agent☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1?

☐ Yes

If YES, enter delivery address below:

☐ No

3. Service Type

☐ Adult Signature☐ Adult Signature Restricted Delivery☒ Certified Mail®☐ Certified Mail Restricted Delivery☐ Collect on Delivery☐ Collect on Delivery Restricted Delivery☐ Registered Mail®☐ Registered Mail Restricted Delivery☐ Priority Mail Express®☐ Registered Mail™☐ Registered Mail Restricted Delivery☐ Signature Confirmation™☐ Signature Confirmation Restricted Delivery☐ Registered Mail☐ Registered Mail Restricted Delivery

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

MSEC Waste Water INC
City of Navasota
7625 Highway 6
Navasota, TX 77868



9590 9402 7841 2234 5676 69

2. Article Number (Transfer from service label)

9589 0710 5270 1998 1795 22

3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X *Maria*

- ☐ Agent
☐ Addressee

B. Received by (Printed Name)

Maria

C. Date of Delivery

D. Is delivery address different from item 1?
If YES, enter delivery address below:

- ☐ Yes
☐ No

3. Service Type

- ☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery

- ☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

I Restricted Delivery

727.02F

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

MTX Materials LP
7720 Westview Dr.
Houston, Tx 77055



9590 9402 7841 2234 5676 38

2. Article Number (Transfer from service label)

95 9589 0710 5270 2075 1550 33

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

- ☐
- Agent
-
- ☐
- Addressee

B. Received by (Printed Name)

Tam Bui

C. Date of Delivery

01/17/25

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- | | |
|--|---|
| <input type="checkbox"/> Adult Signature | <input type="checkbox"/> Priority Mail Express® |
| <input type="checkbox"/> Adult Signature Restricted Delivery | <input type="checkbox"/> Registered Mail™ |
| <input checked="" type="checkbox"/> Certified Mail® | <input type="checkbox"/> Registered Mail Restricted Delivery |
| <input type="checkbox"/> Certified Mail Restricted Delivery | <input type="checkbox"/> Signature Confirmation™ |
| <input type="checkbox"/> Collect on Delivery | <input type="checkbox"/> Signature Confirmation Restricted Delivery |
| <input type="checkbox"/> Collect on Delivery Restricted Delivery | |
| <input type="checkbox"/> Insured Mail | |

Restricted Delivery

Domestic Return Receipt

ALERT: WILDFIRES AND EMERGENCY EVENTS IN THE LOS ANGELES METRO AREA U.S. MAY ...**USPS Tracking®****FAQs >****Tracking Number:****Remove X****9589071052701998179485****Copy****Add to Informed Delivery (<https://informedelivery.usps.com/>)****Latest Update**

Your item could not be delivered on February 1, 2025 at 7:53 am in MAGNOLIA, TX 77355. It was held for the required number of days and is being returned to the sender.

Get More Out of USPS Tracking:**USPS Tracking Plus®****Feedback****Alert****Unclaimed/Being Returned to Sender**

MAGNOLIA, TX 77355

February 1, 2025, 7:53 am

Reminder to Schedule Redelivery of your item

January 22, 2025

Notice Left (No Authorized Recipient Available)

MAGNOLIA, TX 77354

January 17, 2025, 2:33 pm

Arrived at USPS Regional Origin Facility

NORTH HOUSTON TX DISTRIBUTION CENTER

January 15, 2025, 5:26 pm

USPS picked up item

WILLIS, TX 77378

January 15, 2025, 11:03 am

● Hide Tracking History

[What Do USPS Tracking Statuses Mean? \(https://faq.usps.com/s/article/Where-is-my-package\)](https://faq.usps.com/s/article/Where-is-my-package)

Text & Email Updates



USPS Tracking Plus®



Product Information



See Less ^

Track Another Package

Enter tracking or barcode numbers

Need More Help?

Contact USPS Tracking support for further assistance.

FAQs

ALERT: SEVERE WEATHER IN THE MIDWEST THROUGH T

USPS Tracking®

Tracking Number:

9589071052701998179478

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CERTIFIED MAIL® RECEIPT
Domestic Mail OnlyFor delivery information, visit our website at www.usps.com®.

OFFICIAL USE

Certified Mail Fee

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Extra Services & Fees (check box, add fee as appropriate)

☐ Return Receipt (hardcopy) \$☐ Return Receipt (electronic) \$☐ Certified Mail Restricted Delivery \$☐ Adult Signature Required \$☐ Adult Signature Restricted Delivery \$

Postage

\$

Total Postage and Fees

\$

Sent To

M/I Homer of Houston, LLC

Street and Apt. No., or PO Box No.

20720 W. Sam Houston Pkwy N Ste 200

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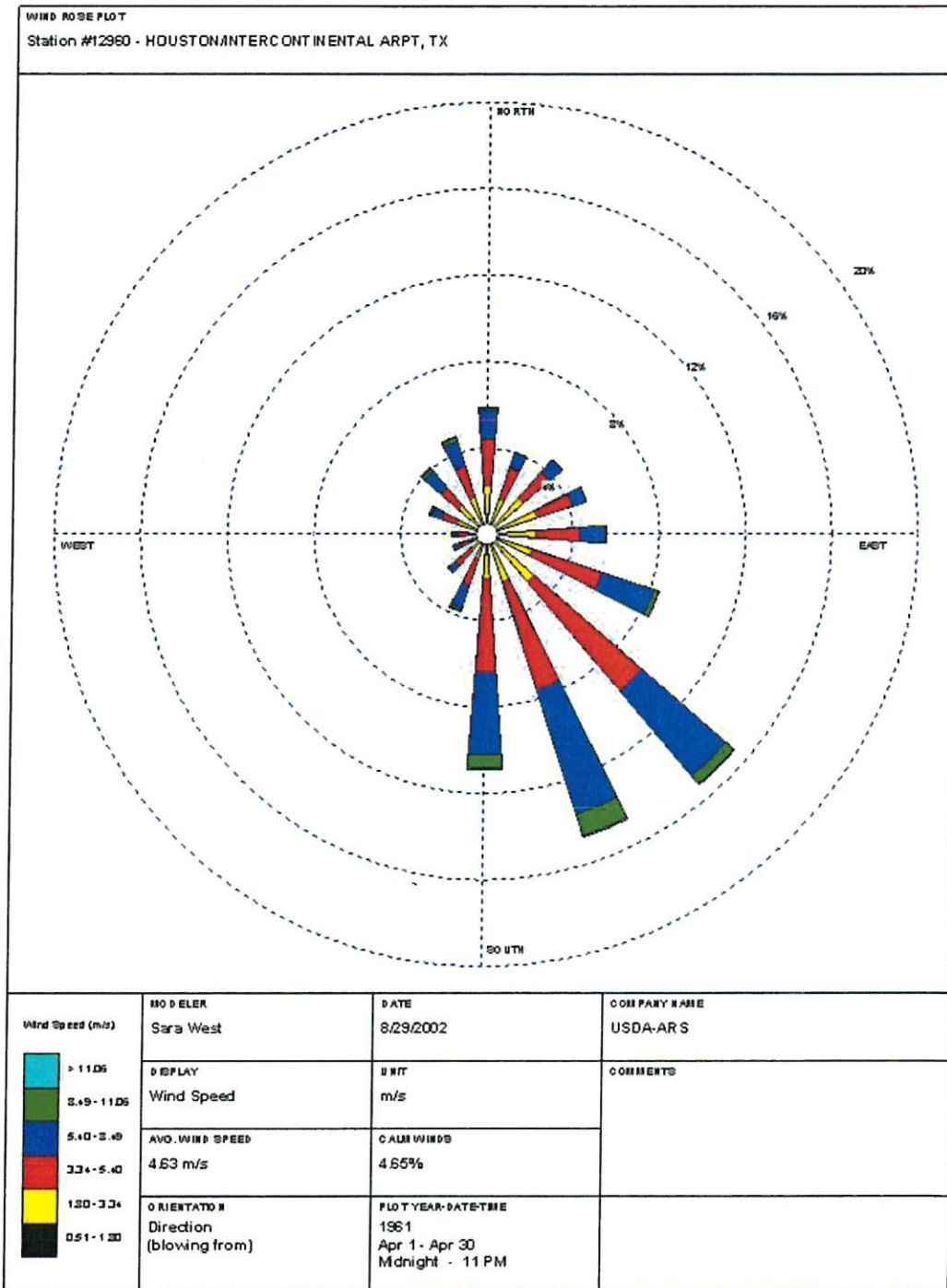
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Attachment 2.4 – Windrose Map



	PROJECT NAME:	COPIA PINES	<div> </div> <div> TBPE Firm No. 18938 604 W. Worsham St., Suite 100 Willis, TX 77378 936-256-2626 </div>
	PROJECT NUMBER:	GCL727-02	
	PREPARED FOR:	COPIA PINES DEVELOPMENT	
	DATE:	NOVEMBER 26, 2024	
WINDROSE MAP			

Attachment 2.5 – Sludge Management Plan

Sludge Management Plan (0.04MGD): Copia Pines WWTP

Design Parameters

Influent Design flow = **0.04 MGD**

Influent BOD5 Concentration = **300 mg/l**

Influent SS = **300 mg/l**

Aerobic Digester Volume = 2016 cuft = 15,080 gallons or 0.015 Mgal.

Aeration basins volume = 6300 cuft = 47,127 gallons or 0.047 Mgal.

1 mg/l = 8.34 lb./Mgal.

Sludge Production

From dissolved BOD5 synthesis: $(BOD5_{in} - BOD5_{eff}) \times (0.35 \text{ pounds solid per pound converted BOD5}) \times \text{Flow (MGD)} \times 8.34 \text{ lb./gal}$

From suspended solids removed: $(SS_{in} - SS_{eff}) \times \text{Flow (MGD)} \times 8.34 \text{ lb./Mgal.}$

Effluent concentrations: BOD5 = 10 mg/l SS = 15 mg/l

Assumed Digester Concentration using decant to plant lift station: 2.0 percent (20,000 mg/l)

Solids from Dissolved BOD5: $(300-10) \text{ mg/l} \times (8.34) \text{ lb./Mgal.} = 2420 \text{ lb/Mgal.} \times (0.35) \times (0.04) \text{ MGD} = 33.8 \text{ lb./day}$

Solids from Suspended Solids Removed: $(300-15) \text{ mg/l} \times (8.34) \text{ lb./Mgal.} = 2376.9 \text{ lb/Mgal.} \times (0.04) \text{ MGD} = 95.08 \text{ lb./day}$

Total solids generated per day: 129 lb./day

33% Reduction of Suspended Solids from Digester after 15 days = $(129 \text{ lb/day} \times 0.33) = 42 \text{ lb/day}$

Total Solids left = $129 \text{ lb/day} - 42 \text{ lb/day} = 87 \text{ lb/day}$

Digester Volume: 15,080 gallons at 2.0 percent solids in digester pounds of wet sludge produced = $(0.0151) \text{ Mgal.} \times (20,000) \text{ mg/l} \times (8.34) \text{ lb/Mgal.} = 2,518 \text{ lb.}$

The average sludge residence time will be: $2,518 \text{ lb.} \div 87 \text{ lb./day} = \mathbf{28.94 \text{ days.}}$

Operations Protocol

The sludge will be wasted on a regular basis using a timer on the waste activated sludge airlift pump. The timed discharge will allow for sufficient flow during limited operating times to keep the solids flowing in the waste sludge lines. Three pumps will be provided for system redundancy for maintenance and repairs. The operator will stop air flow and settle the digester and remove liquid supernatant on a regular basis to the aeration basin. The digester has approximately 1436 gallons per foot of liquid depth so weekly decants, based on maximum flow, can be accomplished with a two (2) foot supernatant drawdown of the tank. The settled solids in the digester should compress to about a three (3) percent concentration so the contract hauler should remove approximately 2,000 gallons of slurry (500 pounds of solids) from the digester each week. The disposal of sludge from the WWTP is contracted to a sludge management and disposal contractor, Magna Flow Environmental who transports liquid sludge from the digester to Mount Houston Road Municipal Utility District where Magna Flow dewateres the sewage sludge. From there, the dewatered sludge is then transported to TCEQ permitted disposal site.

Sludge Management Plan (0.087 MGD): Copia Pines WWTP

Design Parameters

Influent Design flow = **0.087 MGD**

Influent BOD5 Concentration = **300 mg/l**

Influent SS = **300 mg/l**

Aerobic Digester Volume = 2016 cuft= 15,080 gallons or 0.015 Mgal.

Aeration basins volume = 6300 cuft= 47,127 gallons or 0.047 Mgal.

1 mg/l = 8.34 lb./Mgal.

Sludge Production

From dissolved BOD5 synthesis: $(BOD5_{in} - BOD5_{eff}) \times (0.35 \text{ pounds solid per pound converted BOD5}) \times \text{Flow (MGD)} \times 8.34 \text{ lb./gal}$

From suspended solids removed: $(SS_{in} - SS_{eff}) \times \text{Flow (MGD)} \times 8.34 \text{ lb./Mgal.}$

Effluent concentrations: BOD5 = 10 mg/l SS = 15 mg/l

Assumed Digester Concentration using decant to plant lift station: 2.0 percent (20,000 mg/l)

Solids from Dissolved BOD5: $(300-10) \text{ mg/l} \times (8.34) \text{ lb./Mgal.} = 2418.6 \text{ lb/Mgal.} \times (0.35) \times (0.087) \text{ MGD} = 73.65 \text{ lb./day}$

Solids from Suspended Solids Removed: $(300-15) \text{ mg/l} \times (8.34) \text{ lb./Mgal.} = 2376.9 \text{ lb/Mgal.} \times (0.087) \text{ MGD} = 206.79 \text{ lb./day}$

Total solids generated per day: 280 lb./day

33% Reduction of Suspended Solids from Digester after 15 days= $(280 \text{ lb/day} \times 0.33) = 92 \text{ lb/day}$

Total Solids left = $280 \text{ lb/day} - 92 \text{ lb/day} = 188 \text{ lb/day}$

Digester Volume: 15,080 gallons at 2.0 percent solids in digester pounds of wet sludge produced = $(0.015) \text{ Mgal.} \times (20,000) \text{ mg/l} \times (8.34) \text{ lb/Mgal.} = 2,518 \text{ lb.}$

The average sludge residence time will be: $2,518 \text{ lb} \div 188 \text{ lb./day} = \mathbf{13.39 \text{ days.}}$

Operations Protocol

The sludge will be wasted on a regular basis using a timer on the waste activated sludge airlift pump. The timed discharge will allow for sufficient flows during limited operating times to keep the solids flowing in the waste sludge lines. Three pumps will be provided for system redundancy for maintenance and repairs. The operator will stop air flow and settle the digester and remove liquid supernatant on a regular basis to the aeration basin. The digester has approximately 1436 gallons per foot of liquid depth so weekly decant, based on maximum flow, can be accomplished with a two (2) foot supernatant drawdown of the tank. The settled solids in the digester should compress to about a three (3) percent concentration so the contract hauler should remove approximately 2,000 gallons of slurry (500 pounds of solids) from the digester each week. The disposal of sludge from the WWTP is contracted to a sludge management and disposal contractor, Magna Flow Environmental who transports liquid sludge from the digester to Mount Houston Road Municipal Utility District where Magna Flow dewateres the sewage sludge. From there, the dewatered sludge is then transported to TCEQ permitted disposal site.

Attachment 2.6 – Process Unit Calculations – AUC Design

86,500 GPD New WWTP

Montgomery County, Texas

Process Unit Calculations

Activated Sludge with Nitrification System

REVIEW SET 12/11/2024

Copia Pines Subdivision



604 W. WORTHAM ST.,
WILLIS, TEXAS 77378
TEL (936) 256-2626
TBPE Firm No. 18938

General Notes:

The following design calculations are based on the TCEQ requirements as found in Texas Administrative Code, Title 30, Part 1, Chapter 217, Subchapters A through M. For each process unit the TCEQ criteria is stated, the process design for this facility is discussed and the final design unit sizing is calculated to show compliance with the TCEQ criteria.

Key to Cells:

Input Value
Calculated Value

General Criteria

Capacity:

86,500 gpd
346,000 gpd

Influent:

300 mg/l
300 mg/l
120 mg/l
45 mg/l

Prop. Effluent:

10 mg/l
15 mg/l
3 mg/l
4 mg/l
1 - 4 mg/l
63 MPN

60 gpm
240 gpm

Average Daily flow
Peak 2-hour flow (4Q)

0.13 cfs
0.54 cfs

216 Pounds / day
216 Pounds / day
87 Pounds / day
32 Pounds / day

60% Removal Efficiency

Removal Percentages:

96.7%
95.0%
93.3%

General Process Notes:

Treatment Process will be single stage mixed liquor activated sludge with nitrification
Influent Screening will be by fine screening to 3 mm with automated removal to dumpsters.
Process loading criteria will require nitrification to 3 mg/l.
Clarification will utilize a circular unit with automatic skimming and air lift scum and RAS pumping.
Disinfection will be by liquid sodium hypochlorite (12.5%).
Wasted Solids will be processed using a single stage aerobic digester with decant capability.
Solids disposal will be in a liquid state by a licensed contract hauler.

Automated Influent Fine Screen

TCEQ Design Criteria:

1. Automatically Cleaned Fine Screen (Single Screen with 3MM design openings to remove 50 to 70% SS)
2. Screen bypass overflow must handle peak plant flows
3. Bar spacing on bypass provides clear space for a 2 Stage screen varying between 0.5 and 0.25 inch
4. Bypass screen slope is between 30 degrees and 60 degrees
5. Bypass screen must have temporary cleaning storage at top of screen
6. Velocity through screens must be between 1 and 3 feet per second

Process Design:

1. Automated screening will be sized for future plants on this site for Phase 2 of construction.
2. Assume automated screen with opening size of 3 mm.

3. Provide 18 inch drum or belt screen with circular or slot openings and manual bypass[1/2 inch / 1/4 inch bar screen (Dual screen)].
4. At peak flow of 240 GPM and velocity of 3 FPS, the water depth will be 8.6 inches
5. Screenings removed per day (Dry Weight) at 60 percent removal (300 mg/l to 60 mg /l) 130 lbs./day
6. Screenings volume based on 40 lbs./cuft is 3.2 cu ft / day
7. Dumpster cycle time for a 4 cu yd front load container is 25.0 days assuming loading is to 75% capacity will be 3240 lbs. This compares to the 4000 pound capacity limit.
8. Weight of dumpster loaded to

Engineering Drawings Unit Provided:

Fine screen with 3 mm openings. [Primary]
Course screen with 1/2 inch openings. [Secondary]
Disposal of washed screenings by dumpster.
Screenings wash water uses NPW and return to lift station.

Activated Sludge Aeration Basins

TCEQ Design Criteria:

1. Aeration bio reactor basin must maintain minimum dissolved oxygen of 1.0 mg/l.
2. Organic Loading rate for CBOD is

35.0

 lbs./day/1000 cu.ft. of tank liquid volume
2. Loading Rate for nitrification is

35.0

 lbs./day/1000 cu.ft. of tank liquid volume
3. Air diffuser depth for a 1.00 correction factor is 9.5 feet
4. Minimum freeboard is 1.5 feet at peak flow
5. Air supply requirement is 1,800 cu.ft./day/pound BOD₅
6. Minimum submergence depth is 10 feet
7. Submerged bio media has a density of

60

 sqft per cuft
8. Media will occupy 90% of the aeration tank volume

Process Design:

CBOD removal

Design Loading:	BOD ₅	216 lb./day	Assumes	60 percent solids removal in screening process
	TSS	87 lb./day		

Sizing Design:

Aeration Basin volume provided:

Basin water depth:

Tank width:

Tank Length:

Aeration Basin Surface Area:

Aeration Basin Volume Required

6300

 cu.ft.

10.5

 ft.

12

 ft.

50.0

 ft.

600

 sq.ft..

6184

 cu. Ft.

Per AUC submittal

Per AUC submittal

Per AUC submittal

CRITERIA MET

Engineering Drawings Unit Provided:

Steel tank with 12 foot sides and 10.5 SWD.
Tank dimensions are 12 feet wide by 50 feet long.
Total Tank volume is 6300.
Organic loading as designed 35 lb./day/1000 cu ft.

Ammonia Conversion

Design Loading:	NH4	32 lb./day	Assumes	0	percent solids removal in screening process
	TSS	87 lb./day			

Sizing Design:

Aeration Basin volume:	6300 cu.ft.	Per AUC submittal
Basin water depth:	10.5 ft.	Per AUC submittal
Tank width:	12 ft.	Per AUC submittal
Tank Length:	50.0 ft.	
Basin area:	600 sq.ft..	

Nitrification Industry Standards for SRT and HRT.

Temperature of the Wastewater is a controlling factor but based on Texas temperatures higher reaction rates are assumed

Design HRT for nitrification is	6 hours	
Design SRT for nitrification is	10 days	
Design volume to meet HRT requirement:	2891 cu. Ft.	CRITERIA MET
Design volume to meet SRT requirement:	5781 cu. Ft.	CRITERIA MET

Assume MLSS is 4500 mg/l

[See Air Supply Requirements Section for Air Calculations]

Circular Gravity Clarifier

Note: Clarifier sizing is based on 130,000 Gallons Per Day

TCEQ Design Criteria:

1. Clarifier must have an inlet valve or gate
2. Vertical flow velocity through inlet stilling well must not exceed 0.15 feet per second at peak flow.
3. Clarifier must have a mechanical skimmer
4. Scum must be discharged to aeration basin or digester (For bio film scum will go to digester)
5. Clarifier effluent weir must be level and adjustable
6. Weir loading must not exceed 20,000 gallons per day per linear foot of weir at peak flows
7. The velocity in the clarifier sludge removal pipe must be greater than 0.5 feet per second (Will try for waiver due to tube settler)
8. Clarifier must have mechanical sludge collecting equipment
9. Surface Loading rate must not exceed 1,200 gallons per day at the peak 2-hour flow rate
10. Return sludge pumping shall be between 200 and 400 gallons per day per square foot
11. Minimum freeboard at peak flow rate is 12 inches
12. Minimum detention time at peak flow is 1.8 hours (108 min.)

Engineering Drawings Unit Provided:

Steel tank with 12 foot sides and 10 SWD.
Tank circumference is 82 feet. Stilling Well is 3 foot dia.
Net tank area is 531 sq ft.
Peak Surface loading is 763 gallons per sq ft per day.

Process Design:

Peak Flow 361 gpm 0.80 cfs
Stilling Well required area: 5.36 sq.ft...
Stilling Well dimensions: 3 ft. (dia.)
Stilling Well Velocity Check
Stilling Well Area: 7.07 sq.ft.
Stilling Well Vert. Vel.: 0.11 ft./sec

Clarifier Area Required:

Clarifier diameter required: 433 sq. ft.
Selected clarifier diameter: 23.5 ft.
Detention Time Check: 26 ft. (Dia.)
Side water depth = 10.25 feet
Volume = 5,439 cu. Ft.
Detention at peak flow = 6,760 sec.
Weir Overflow Rate: Assume horizontal weir at end of clarifier.
Weir length: 69.1 ft.
Weir Loading: 5006 gpd/ft. 20,000 gpd/ft. Max.

Selected Clarifier area: 530.66 sq. ft.
[Note: Detention time Controls.]
CRITERIA MET
CRITERIA MET

Chlorine Contact Chamber

Note: Chlorine contact chamber sizing is based on both Phase 1 (85,000gpd) and Phase 2 (85,000gpd) flows combined

TCEQ Design Criteria:

1. At least two (2) chemical solution pumps are required.
2. Pump capacity must deliver sufficient chlorine to supply 8 m 8.0 mg/l at peak flow. (Note: With the 4mg/l Cl effluent limit 5mg/l dosage will be max.)
3. Pump flow rate must be flow proportioned.
4. Either mixing zone or 40:1 serpentine flow must assure complete mixing of chlorine and wastewater
5. Minimum chlorine contact time is 20 minutes at peak flow

Process Design:

Assumed NaOCl concentration 12.5 Percent
Design Peak Flow 240 gpm 0.346 mgd
Design avg. flow 60 gpm 0.0865 mgd
Required Chlorine Dosage Rate 8 mg/l
Required Detention at Peak flow 20 min

Engineering Drawings Unit Provided:

Steel tank with 11 foot sides and 9 SWD.
Tank is 11 feet wide and 7 feet long.
Tank volume is 693 cu ft.
Detention time at peak flow is 20.4 minutes.

Daily Chlorine Usage

Pounds of chlorine per day required	5.8 lb/day	
Average gallons per day for NaOCl feed pump	5.5 gal/day	14.6 ml/min
Peak flow for NaOCl feed pump	58.2 ml/min	
Chlorine Required Stored Onsite	20 days	
Chlorine solution storage tank min. volume	111 gallons	14.80 cu ft
Daily Requirement for NaOCl	11.1 gallons	

For 20 Days storage.

Assuming 12.5 Percent solution NaOCl

Sizing Design:

Chlorine Basin volume required:	642 cu.ft.	
Basin depth: (SWD)	9 ft.	
Basin area:	71 sq.ft.	
Tank width:	11 ft.	
Tank Length:	7.0 ft.	
Pump max flow requirement	0.015 gal/min	58.2 ml/min
Chlorine Basin Volume supplied:	693	

Aerobic Digester

CRITERIA MET

TCEQ Design Criteria:

1. For water temperature of 20 degrees Celsius and above the detention time is 40 days for land application
2. For landfill disposal solids detention time is 15 days.
2. Maximum Solids concentration for an aerobic digester is 2 percent.
3. For a single tank digester facility the air diffusers must be removable for cleaning and inspection
4. Dissolved oxygen must be maintained at 0.5 mg per liter or higher
5. Air requirement for mixing is 20 SCFM per 1000 cubic feet of digester volume.
6. The aerobic digester must have a means to decant the supernatant

Process Design:

Solids wasting for design flows

SS Solids after fine screening	120 mg/l	
Net wasted influent suspended solids (SS)	76 pounds per day	
Net generated biofilm SS	73 pounds per day	
	[Assume 0.35 lb. / lb. of BOD Removed]	
Total daily wasting	149 pounds per day	

Digester Volume

Digester solids concentration maximum	2.0 percent	
Minimum required detention time	15 days	
Minimum required digester volume	13,199 gallons	Note: 15 day requirement is for buried landfill disposal.
		1,765 cu.ft.

Engineering Drawings Unit Provided:

Steel tank with 12 foot sides and 10.5 SWD.
Tank is 12 feet wide and 16 feet long.
Tank volume is 2016 cu ft.
Solids detention time at 2% solids is 17 days.

Sizing Design:

Digester Basin volume required:	1765 cu.ft.	Phase 1 only
Basin depth:	10.5 ft.	
Basin area:	168 sq.ft..	
Tank width:	12 ft.	
Minimum Tank Length:	16.0 ft.	
Digester Basin volume supplied:	2016	

1765 cu.ft.

CRITERIA MET

17 days

Supplied volume allows for an SRT of

[See Air Supply Requirements Section for Air Calculations]

Flow Metering**TCEQ Design Criteria:**

1. Must have primary and secondary flow devices
2. Primary device must include a weir or flume
3. Primary device must have a readable scale in 1/4 inch increments
4. Straight approach for 20 lengths of maximum weir height
5. Secondary device must have a totalizing meter

Process Design:

1. Utilize 90 degree v-notch weir calibrated to maximum flow of 500 GPM
2. Flow metering will be in a vault on the combined effluent line at the discharge sampling location.
3. Flow calibration for 90 degree v-notch is as follows:

(Note: Single flow metering for one 87,000 gpd plant with 4Q peak.)

$$Q = 4.28 * C * (h + k)^{2.5}$$

Where: Q = flow in cfs, h = water head in feet, C = 0.58 @ 90 deg, k = .003 @ 90 deg

90 Degree V-notch Weir Calibration Chart

Depth (inches)	Flow (GPM)	Depth (inches)	Flow (GPM)	Depth (inches)	Flow (GPM)
2.25	17.6	4.25	85.2	6.25	221.6
2.50	22.8	4.50	98.1	6.50	244.3
2.75	28.9	4.75	112.2	6.75	268.3
3.00	35.9	5.00	127.4	7.00	293.6
3.25	43.8	5.25	143.8	7.25	320.3
3.50	52.6	5.50	161.4	7.50	348.4
3.75	62.4	5.75	180.2	7.75	377.9
4.00	73.3	6.00	200.3	8.00	408.8

Average Daily Flow (GPD)

Peak 2-hour Flow (GPD)

87,000
348,000

Engineering Drawings Unit Provided:

12 inch high 90 degree steel or fiberglass V-notch weir
12 inch staff gauge calibrated in 0.25 inch increments
Ultrasonic flow meter (stilling well with 0.02 foot accuracy)

Total Weir Height 12 inches

Air Supply Requirements

Aeration tanks

TCEQ Design Criteria:

1. For nitrification provide 3,200 scf/day/pound BOD₅

Process Design:

Air Requirement:

473 SCFM

Note: As a safety factor calculated required CFM air flow values are increased 20% to compensate for field conditions.

Course Bubble Total:

568 SCFM

Digester

TCEQ Design Criteria:

1. For mixing supply 30 scfm per 1000 cubic feet

Process Design:

Air Requirement:

30 SCFM/ 1000 cu.ft.

Total:

30 SCFM

Chlorine Contact

TCEQ Design Criteria:

1. 20:1 serpentine flow and/or mixing
2. Dissolved Oxygen > 4 mg/l

Process Design:

Air Requirement:

20 SCFM/ 1000 cu.ft.

Total:

14 SCFM

Air lift Pumps

TCEQ Design Criteria:

1. Two pumps need to be used with each capable of 100% of design flow
2. Air lift must be at least 3 inch diameter

Process Design:

RAS

Pump Sizing

Required return flow rate (100% ADF)

60 gpm

2 fps

9.637 sq. in.

Area:

3.5 in.

4 in.

5 ft.

Submergence:

0.6

Pump Constant

245

Assume lift is 5 feet. Submergence is 0.6. Pump constant is 245.

$Va = 0.8 * LI / (C \log 10 ((Ls + 34)/34))$

26.7 CFM

Air Requirement

WAS

Assume pumping rate to remove 5,000 mg/l solids from clarifier return once each hour for 5 minutes

Required Daily Solids Wasting

149 pounds per day

Volume wasting concentration

5000 mg/l

Required waste volume

3,572 gallons/day

(NOTE: At 100% recycle and MLSS = 2,500 mg/l Return = 5,000 mg/l)

Engineering Drawings Unit Provided:

Two positive displacement blowers

Each blower produces at minimum

the 250 CFM air requirement.

Blower pressure will be minimum of 6.5 PSI

Blower pressure will be minimum of 6.5 PSI

Design Velocity
Pipe Size

	15 gallons/minute for 5 min per hour
	2 fps
Area:	2.39 sq. in.
Diameter:	1.74 in.
Use:	3 in.
Lift	5 ft.
Submergence:	0.6
Pump Constant	245

Assume lift is 5 feet. Submergence is 0.6. Pump constant is 245.

$V_a = 0.8 * L / (C \log_{10} ((L_s + 34)/34))$

6.6 CFM

Air Requirement

<p><u>Reclaimed Water System</u></p> <p>TCEQ Design Criteria:</p> <ol style="list-style-type: none"> 1. Recycle water must be used for wash down water, site irrigation, and chlorination pumps <p>Process Design:</p> <ol style="list-style-type: none"> 1. Include 30 GPM recycle pump capable of providing pressure to hydro tank of 80 PSI. 2. Provide 100 gallon hydro pressure tank to supply wash down water, irrigation and disinfection water supply. 3. Provide cartridge filtration system on effluent side of hydro tank. 4. All reuse piping shall be color coded in purple. 	
<p><u>Site and Flood Plain</u></p> <p>TCEQ Design Criteria:</p> <ol style="list-style-type: none"> 1. Show flood plain within 1000 feet of treatment plant site. <p>Process Design:</p> <ol style="list-style-type: none"> 1. Facility will be located outside of the Zone A flood classification area. 2. Zone A does not have defined flood elevations, and is generally shown on the FIRM map as a cautionary area. 3. Site access shall be by an all weather road not located in the flood zone. 	
<p><u>Emergency Power Requirements</u></p> <p>TCEQ Design Criteria:</p> <ol style="list-style-type: none"> 1. Must have alarm for power outage. 2. Plant must operate for 20 minutes with power out 3. Emergency power must operate: Primary Treatment, disinfection and RAS pumps. <p>Process Design:</p> <ol style="list-style-type: none"> 1. Supply one (1) Diesel generator set with ATS and sufficient fuel to operate for 72 hours. 2. Generator will operate one (1) pump at the lift station, site lighting, disinfection system and single air blower for air lift, effluent oxygen and general tank mixing.. 	<p>Engineering Drawings Unit Provided:</p> <p>Diesel powered emergency backup generator</p> <p>Generator will operate all critical components</p> <p>Fuel supply will run generator for 72 hours</p> <p>Generator will automatically start for a detected outage</p>

Lift Station (Off Site Location)

1. Lift station to pump peak flows with largest pump out of service
2. Propose 3 pump station: 3 total, 2 operational in Phases 1 & 2.
3. Variable Frequency Drives to be used on two pumps to vary flow from 1Q to 4Q based on both Phases.

Lift Station Discharge Flows (GPM) - VFD

# of Pumps	Frequency (Hz)			
	60	50	40	30
1	160	142	102	64
2	160	142	102	64
3	160	142	102	64

Note: All pumps are submersible non-clog electric sewer service.

Phase 1	1Q	2Q	3Q	4Q
	60	121	181	242
GPM				
P1, P2 or P3 P1, P2 or P3 P1, P2 or P3 Any 2 pumps				

SF88R UNIT DESIGN DOCUMENT 60,000 gpd 12 by 12 Unit
(with Standard Influent and Effluent levels : 300/300/60 10/15/3)
Unit Sizing for Submerged Fixed Biofilm Reactor

Unit Daily Rate		Notes	
kgpd	gpm	cts	
60.00	41.67	0.093	
240.00	166.67	0.370	
Peak Output (Q _{pk})			
BOD5	TSS	NH3-N	
10	15	3	
300	300	60	
150.26	150.26	30.05	
68220.0	68220.0	13644.0	
Effluent Concentration (mg/l)			
Influent Concentration (mg/l)			
Influent Concentration (lb/dl)			
Influent Concentration (g/l)			
DESIGN CRITERION:			
BRT1-CBOD Oxidation	g/m ² /d	lb/sf/d	Notes
CBOD loading rate	6	0.00123	Value
for effluent at 10 mg/l	5.62	1.23*10 ⁻³	from Schlager
for effluent at 20 mg/l		1.15*10 ⁻³	from MT Garrett
for effluent at 25 mg/l		0.00229	from MT Garrett
for effluent at 30 mg/l		0.00286	from MT Garrett
for effluent at 35 mg/l		0.0035	from MT Garrett
for effluent at 40 mg/l		0.0042	from MT Garrett
for effluent at 45 mg/l		0.0049	from MT Garrett
for effluent at 50 mg/l		0.0056	from MT Garrett
Media			
Brentwood (VF - 19 plus)	m ² /m ³	lb/sf/d	Notes
Rashig VF 190 +	154	47	
	154	47	
BRT2 - Nitrification			
NH3-N loading rate	g/m ² /d	lb/sf/d	Notes
	2	0.000410	Value
		0.41*10 ⁻³	MT Garrett
Media			
Brentwood (CF-1900)	m ² /m ³	sf/cf	Notes
Rashig XF 48	157	48	
PVA	157	48	
FST			
Loading Rate @ Q _{av}	gpd/sf	MT Garrett	Notes
	300		
PROCESS:			
BRT1 & BRT2			
Total Media surface area	130,665	sf	
BRT2 - Nitrification Tank Media Surface Area Required			
NOTE: Use design Influent NH3-N concentration divided by Nitrification loading rate			
Nitrification Media Surface Area Required =			
Media Volume with Brentwood Media at 48 sf/cf	73,367	sf	
Media Width	1.528	cf	
Media Height	10.5	ft	
Media Length Required	8.0	ft	
Use Media Length	18.2	ft	
Media Surface Area Provided	18	sf	
Media Volume Provided	72,576	sf	
	1,512	cf	

12 by 12 FRP with Steel Unit Design

Fixed Tank Dimensions

Note: These are selected values

Dimension	Units	Notes
Width	ft	
Height	ft	
Max Water Depth (MWD)	ft	
Peak Flow Factor	4	

MWD must be 1.5 ft less than tank height (or more)

Calculated Tank Lengths and Media Volumes Provided

Note: These are calculated values based on fixed dimensions and effluent criteria

Length	Units	Notes	Media Vol, cf	Media Type
BRT1	ft			
BRT2	ft			
FST (Tube Settler, A)	ft			
Chlorine Contact	ft			
Sludge Holding	ft			
TOTAL LENGTH	73	35	1512	BW (VF-19 plus)
			1512	BW (VF-19 plus)
			384	FS -41-50-2

Note: THIS DESIGN REQUIRES

Quantity Description

1 38 FT (BRTs), 35 FT (FST/CTT/SH)

2 Blowers @ 7 Psi 630 SCFM

The CBOD loading rate is a function of the effluent concentration See Garrett paper

for 10 mg/l = 1.15 lb BOD/1000 sf/d

for 20 mg/l = 2.29 lb BOD/1000 sf/d

for 25 mg/l = 2.86 lb BOD/1000 sf/d

for 30 mg/l = 3.50 lb BOD/1000 sf/d

for 5 mg/l = 0.90 lb BOD/1000 sf/d



The loading rate is a function of the effluent concentration level see Garrett paper, pg 6

155 Eff	mg/l	20	30	10	5
Loading Rate	gpd/sq. ft	400	600	200	175
					1000

NOTE: COD loading rate (same as BOD)

equal to unit fixed width minus 0.6 ft
equal to unit fixed height minus 1.5 ft for freeboard allowance, 0.8 ft beneath media and 0.5 ft over media
This is a Selected Value



BRT 2 Tank Length
BRT 2 Tank Fluid Volume

19
2,185

BRT1 - CBOD Oxidation Tank Media Surface Area Required
Total Media Surface Area - Nitrification Surface Area
Media Volume with Breewood Media at 47 sf/cf

Media Width
Media Height
Media Length Required
Use Media Length
Media Surface Area Provided
Media Volume Provided
BRT 1 Tank Length
BRT 1 Tank Fluid Volume

57,287
1,219
10.5
8
14.5
71,064
1,512
19
2,185

ft
cf

sf
cf
ft
ft
ft
sf
cf
ft
cf

use MWD for height

This length is selected not calculated

use MWD for height

Safety factor provided due to variability of Influent concentration, temperature changes etc.

143,640
10%

Total Media Surface Area provided
Safety Factor =

38

Total Tank Lengths (sum of both)

1,512
1,512
3,024
4,370

Media volume BRT 1
Media volume BRT 2
Total Media Volume
Total Fluid Volume for both BRTs

Note: Liquid Volume of Each BRT is based on Gross Unit Dimensions (L x W) X Max Water Depth (MWD)

Note: Total Media volume provided for both BRTs

FINAL SETTLING TANK

Surface Area Reqd @ Qav
Surface Area Reqd @ 1.5x Qav
Width
Required Length
Tube settler
Use
Surface area Provided
Surface area Provided (Tube settlers)
Tank Volume (cf)
Tank Volume (gal)
Use SWD

200
300
11.5
26.1
17.0
20.0
230
1,200
1,610
12,075
7

sf
sf
ft
sf/ft
ft
ft
sf
sf
cf
gal
ft

This value selected not calculated
Look at Weir Loading

Detention Time	@ Qav	Rate (gpd)	Time (hrs)
	@ Qav x 4 (Peak)	60,000	4.8
		240,000	1.2
		1053	1200.0

gpd/sf TCEQ 217

This value is selected as trial
This value is Tank width (H11) divided by 2

CHLORINE CONTACT TANK

Use L
W
MWD
Volume

15
4
9
540
4,050

ft
ft
ft
cf
gallons

See Unit Daily Rate for source of flow information

OK > than TCEQ minimum value of 20 minutes

SLUDGE HOLDING TANK

Use L
W
MWD
Volume

15
8
9.0
1,080
8,100

ft
ft
ft
cf
gallons

This is a selected value as trial
CCT & SHF are 1/2 full tank width

Note: Value of L for SHF does not need to equal L for CCT but may effect final design configuration

Solids Production
Schlegel:
AWS Tests:

0.5 sludge/lb BOD
0.45 sludge/lb BOD

Use

sludge/lb BOD
% of lb/day

0.45
3%

Dry Solids =

lb/day

81.1

Solids Production

sludge weight / day

2,705

sludge unit weight

lb/cf

63.2

sludge volume / day

cf/d

42.8

Holding time

days

25

Minimum 3 weeks

This width is width of media, not tank

ft

10.5

ft

18

sf

189

sf

189

sf

378

sf of both BRT Media Stacks

Blower size

Schlegel: flushing air flow (Metric)

Schlegel: flushing air flow (Standard)

for 10 minutes/day at base of media

m³/m²/hr

20

ft³/ft²/hr

65.6

cfm/ft²

1.09

1m³ = 35.3 ft³

1m³ = 10.9 ft³

620

412

See ACFM blower pressure/air flow chart for scfm at 1750 rpm =

Add 40 scfm for equalization basin

Note: Airflow to maintain DO > 4 mg/l for both tanks < flushing airflow for 1 tank

Use minimum required airflow value for pipe design

Select range of airflow as function of rpm from blower pressure curve and divide by area of both BRTs

cfm @ 6pph

620

412

cfm

189

cfm

189

cfm

620

cfm

378

cfm

567

cfm/sf

1.64

1.09

SCFM

620

412

See ACFM blower pressure/air flow chart for scfm at 1750 rpm =

Add 40 scfm for equalization basin

Note: Airflow to maintain DO > 4 mg/l for both tanks < flushing airflow for 1 tank

Use minimum required airflow value for pipe design

Select range of airflow as function of rpm from blower pressure curve and divide by area of both BRTs

cfm for 24 inch SS diffuser

scfm

scfm

inches

Center to Center

scfm for 5 inch diameter disc diffuser

scfm

scfm

inches

Center to Center

189

cfm

284

cfm

71

#

71

#

26

See calculation of actual number below

AERATION SYSTEM

Note: BRT1 and BRT2 each have different surface area

Media Width (both)

BRT1 Media Length

BRT2 Media Length

BRT1 Media Plan Area

BRT2 Media Plan Area

Total Media Plan Area

Blower size

Schlegel: flushing air flow (Metric)

Schlegel: flushing air flow (Standard)

for 10 minutes/day at base of media

Maximum (1800 rpm)

Midrange (1750 rpm) (Schlegel value)

Minimum Required Airflow for BRT1 =

Minimum Required Airflow for BRT2 =

Maximum Flushing Airflow for Both BRTs =

Minimum Required Air Flow for Both BRTs =

Minimum Required Air Flow for Both BRTs x 150% =

Diffusers

Note: For Design of Diffusers & Piping Use: 150% Required Air

EDI MaxAir 24 Inch Tube (SS) Coarse Bubble Diffusers

Operating Range:

Minimum

Design

Diffuser Spacing

BRT (Typical)

0 - 40

0

4

24

scfm for 24 inch SS diffuser

scfm

scfm

inches

Center to Center

scfm for 5 inch diameter disc diffuser

scfm

scfm

inches

Center to Center

189

cfm

284

cfm

71

#

71

#

26

See calculation of actual number below

Minimum Required Air in largest BRT @ 1800 RPM =

Min Required Air in largest BRT @ 150% =

Minimum Required # of Diffusers in largest BRT =

Minimum Required # of Diffusers in smallest BRT =

Minimum Required # of Diffusers in SHT =



Diffuser Layout: (for EDI MaxAir 24 Inch SS Coarse bubble diffuser model)
Note: Air Scouring and Mixing governs the diffuser layout under media

BRT 2	
Air Drop Length for BRT 2	13
Media Width	10.5
Media Length	18
Air Drops (per BRT2)	3.6
Diffuser Spacing	2
# Sets/ Drop	5.3
# Diffusers/Set	2
Spacing Between Drops	3.6
# Diffusers provided for BRT 2	40
Look at drawings	ft
	ft
	ft
	use 4
	use 5

Lay out is 2 ft on each side plus 1 ft spacing in between = 5 ft

Note: Air drop length is tank width minus 0.6 ft

BRT 1	
Air drop length for BRT 1	13
Media Width	10.5
Media Length	18
Air Drops (per BRT1)	3.6
Diffuser Spacing	2
# Clusters/ Drop	5.3
# Diffusers/ Cluster	2
Diffusers provided for BRT 1	40
Total Diffusers for both tanks	80

Use 4

use 5

Note: Total for both BRTs

30 scfm / 1000 cf

Air Pipe Sizing:
Use Diebold/Lamson Nomograph (attached)
Velocity from 1300 to 2000 ft/min (fpm)

For Header Pipe us minimum required air flow values for both BRT tanks times 150%
value selected as trial from nomograph based on pipe diameter

Determine Header Pipe Diameter		2000 fpm to start	
Air Flow (cfm)	567	567	567
Velocity (fpm)	1624	2887	6496
Velocity (fps)	27	48	108
Areal (sf)	0.35	0.20	0.09
Diameter (in)	8	6	4
St Header Pipe Dia (in)	8		
St Header Pipe Area (sq)	0.35	sf	velocity =
Tubing 6 x 6 area	0.25		

6 x 6 Tubing OK for Header
Under 50 fps

Diameters are trial values



Candice Calhoun

From: Makayla Commander <Makayla@spetexas.com>
Sent: Thursday, March 27, 2025 2:59 PM
To: Candice Calhoun
Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency
Attachments: LPE 727-Response to Comments_WQ0016740001.pdf

Good afternoon, Candice,

My apologies on the delay on this response, please see the attached complete comment response package.

Thank you!

MaKayla Commander
Project Manager
Office: 936-256-2626



Firm No. 18938
604 W Worsham St, Suite 100

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Wednesday, March 12, 2025 1:18 PM
To: chuck.barry@nexuswg.com
Cc: Makayla Commander <Makayla@spetexas.com>
Subject: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency
Importance: High

Good afternoon, Mr. Barry,

The attached Notice of Deficiency (NOD) letter dated March 12, 2025, requests additional information needed to declare the application administratively complete. Please send complete response no later than March 26, 2025.

Please let me know if you have any questions.

Regards,



Candice Courville

License & Permit Specialist

ARP Team | Water Quality Division

Texas Commission on Environmental
Quality

512-239-4312

candice.calhoun@tceq.texas.gov

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

Candice Calhoun

From: Makayla Commander <Makayla@spetexas.com>
Sent: Thursday, March 27, 2025 3:38 PM
To: Candice Calhoun
Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency
Attachments: NORI_Spanish.docx

Please see the attached Word document as well.

Thank you!
MaKayla Commander
Project Manager
Office: 936-256-2626



Firm No. 18938
604 W Worsham St, Suite 100

From: Makayla Commander
Sent: Thursday, March 27, 2025 2:59 PM
To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency

Good afternoon, Candice,

My apologies on the delay on this response, please see the attached complete comment response package.

Thank you!

MaKayla Commander
Project Manager
Office: 936-256-2626



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Please let me know if you have any questions.

Regards,



Candice Courville

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

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

Candice Calhoun

From: Candice Calhoun
Sent: Friday, April 4, 2025 9:26 AM
To: Makayla Commander
Cc: Samira Kolawole
Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency
Importance: High

Good morning, Makayla,

Thank you for your response. More information is needed, please see below:

1. Please provide a response for item 2.1
2. CDF – Section II, item 11 still has “limited” check along with individual. Please uncheck “individual” and provide the individual attachment page from form number 10053. Also, please confirm which mailing address (the one on Jeffical’s CDF, or the one on the CDF for Texas Water Utilities) you would like to use for the permit mailing address.
3. Landowner map/list/labels – the affected landowner list property labeled 29 is owned by the co-applicant. The applicant/co-applicant cannot be their own affected landowner. Please provide a revised map that labels the full applicant property boundaries, including all contiguous properties owned by the applicant, and labels all affected landowners adjacent to the applicant’s contiguous property boundaries. Please also provide an updated cross reference landowner list and the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document. Also, property labeled as 29 on the map is a different owner than what is mentioned above. In addition, properties on the map labeled 30, 31, and 32 were not included in the landowner list. Please provide the information for these affected landowners.

The remaining items are sufficient, including the application fee, I have confirmed that the additional \$200 was received.

Please let me know if you have any additional questions.

Regards,



Candice Courville

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

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

From: Makayla Commander <Makayla@spetexas.com>
Sent: Friday, April 4, 2025 7:53 AM
To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Cc: Samira Kolawole <Samira@spetexas.com>
Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency

Good morning, Candice, please see the attached response!

Thank you!
MaKayla Commander
Project Manager
Office: 936-256-2626



Firm No. 18938
604 W Worsham St, Suite 100

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Friday, March 28, 2025 9:14 AM
To: Makayla Commander <Makayla@spetexas.com>
Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency
Importance: High

Good morning, Makayla,

Thank you for your response, the response to items 2.iii, 2.iv, 3.ii, 3.iii, 4, 5, 6, 8, and 9 is sufficient. However, more information is needed for items 1, 2.i, 2.ii, 3.i, 7.i, and 7.ii. Please see the attached PDF which contains my comments on your response letter.

Please let me know if you have any additional questions.

In addition, the NOD response was originally due on March 26, 2025. Since that date has passed and more information is needed, I have sent a request for my supervisor to issue a 30-day notice, which essentially provides you with an additional 30 days to provide a complete response.

Regards,



Candice Courville

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

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

From: Makayla Commander <Makayla@spetexas.com>

Sent: Thursday, March 27, 2025 2:59 PM

To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>

Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency

Good afternoon, Candice,

My apologies on the delay on this response, please see the attached complete comment response package.

Thank you!

MaKayla Commander
Project Manager
Office: 936-256-2626



Firm No. 18938
604 W Worsham St, Suite 100

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>

Sent: Wednesday, March 12, 2025 1:18 PM

To: chuck.barry@nexuswg.com

Cc: Makayla Commander <Makayla@spetexas.com>

Subject: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency

Importance: High

Good afternoon, Mr. Barry,

The attached Notice of Deficiency (NOD) letter dated March 12, 2025, requests additional information needed to declare the application administratively complete. Please send complete response no later than March 26, 2025.

Please let me know if you have any questions.

Regards,



Candice Courville

License & Permit Specialist

ARP Team | Water Quality Division

Texas Commission on Environmental
Quality

512-239-4312

candice.calhoun@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at

www.tceq.texas.gov/customersurvey

Candice Calhoun

From: Samira Kolawole <Samira@spetexas.com>
Sent: Wednesday, April 9, 2025 4:59 PM
To: Candice Calhoun; Makayla Commander
Subject: Re: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency
Attachments: LAND OWNERS LABELS_Copia Pines.doc; LAND OWNERS LABELS_Copia Pines2.doc; Landowners List_ Copia Pines.docx; Landowners Map11.pdf; CDF with Individual Attachment.pdf

Hello Candice,

Here are the responses to the requested information:

- 1. Could you please clarify item 2.1? - The applicant is Texas Water Utilities, and the co-applicant is Jeffical Williams.
- 2. The updated CDF and individual attachment have been revised. Also, we would like to use the Texas Water Utilities' address for the permit mailing address.
- 3. The landowners' labels, list, and map have been updated.

Let me know if you have any questions.

Thank you,

Samira Kolawole.

Engineer I

Office: 936-256-2626



Firm No. 18938
604 W Worsham St, Suite 100

From: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>
Sent: Friday, April 4, 2025 9:25 AM
To: Makayla Commander <Makayla@spetexas.com>
Cc: Samira Kolawole <Samira@spetexas.com>
Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency

Good morning, Makayla,

Thank you for your response. More information is needed, please see below:

1. Please provide a response for item 2.1
2. CDF – Section II, item 11 still has “limited” check along with individual. Please uncheck “individual” and provide the individual attachment page from form number 10053. Also, please confirm which mailing address (the one on Jeffical’s CDF, or the one on the CDF for Texas Water Utilities) you would like to use for the permit mailing address.
3. Landowner map/list/labels – the affected landowner list property labeled 29 is owned by the co-applicant. The applicant/co-applicant cannot be their own affected landowner. Please provide a revised map that labels the full applicant property boundaries, including all contiguous properties owned by the applicant, and labels all affected landowners adjacent to the applicant’s contiguous property boundaries. Please also provide an updated cross reference landowner list and the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word document. Also, property labeled as 29 on the map is a different owner than what is mentioned above. In addition, properties on the map labeled 30, 31, and 32 were not included in the landowner list. Please provide the information for these affected landowners.

The remaining items are sufficient, including the application fee, I have confirmed that the additional \$200 was received.

Please let me know if you have any additional questions.

Regards,



Candice Courville

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ARP Team | Water Quality Division
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512-239-4312
candice.calhoun@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at
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From: Makayla Commander <Makayla@spetexas.com>

Sent: Friday, April 4, 2025 7:53 AM

To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>

Cc: Samira Kolawole <Samira@spetexas.com>

Subject: RE: Application for Proposed Permit No. WQ0016740001 - Notice of Deficiency

Good morning, Candice, please see the attached response!



March 27, 2025

Candice Calhoun-Courville
Applications Review and Processing Team (MC148)
Water Quality Division
Texas Commission of Environmental Quality
12100 Park 35 Circle
Austin, TX 78753

Re: Application for Proposed Permit No.: WQ0016740001(EPA I.D. No. TX0147541)
Applicant Name: Texas Water Utilities, L.P. (CN602740706); Jeffical Williams (CN New)
Site Name: Copia Pines WWTP (RN112163936)
Type of Application: New
Engineer Contact Telephone: (936) 256-2626

Montgomery County, Texas

Dear Candice,

Please see the attached of the required documents for Copia Pines WWTP, which has been revised based on the comments received. Responses to the review comments are included below:

Comment 1. Application Fee on page 1 of the administrative report: An insufficient fee amount has been received by TCEQ. The fee amount for your application is a total of \$550.00. Please submit the remaining \$200.00 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.

➤ *A check of \$200.00 has been added.*

Comment 2.i. Administrative Report 1.0: Section 3, Item A – the first and last name of the person signing the application was not provided. Please provide an updated section of the application to include the requested information.

➤ *The first and last name of the person signing have been provided.*

Comment 2. ii. Administrative Report 1.0: Section 9, Item D – a lease agreement or deed recorded easement was not provided for the owner of land where treatment facility will be. Please provide the requested information or include the landowner as a co-applicant



- *The landowner is included as a co-applicant.*

Comment 2.iii. Administrative Report 1.0: Section 10, Item B – an accurate description of the point of discharge and the discharge route to the nearest classified segment was not provided. Please provide an updated section of the application to include the requested information.

- *An accurate description of the point of discharge and the discharge route to the nearest classified segment have been provided.*

Comment 2. iv. Administrative Report 1.0: Section 14: Signature Page – the signature page provided for the co-applicant does not match the co-applicant listed in section 3 of the administrative report as well as the notary is expired. Please provide a new signature page with the correct co-applicant as well as a notary that is not expired

- *The document is valid since it has been signed before the expiration date of the Notary.*

Comment 3. i. Core Data Form (CDF): The Core Data Form for the listed co-applicant was not provided. Please provide a completed CDF for the co-applicant.

- *The Core Data Form (CDF) has been added.*

Comment 3. ii. Core Data Form (CDF): Section III, Item 25 – the description to the physical location, listed on the CDF for Texas Water Utilities, L.P., shows the facility to be located east of the intersection of Farm-to-Market Road and Keenan Cut Off Road. However, upon my review, it seems the facility is located northeast of the intersection of Farm- to-Market Road and Keenan Cut Off Road. Please provide an updated CDF to provide the updated description. Also, provide updated SPIF, PLS, and any other applicable forms that included the original description.

- *The CDF, SPIF, PLS, and others have been updated providing the correct description to the physical location of Copia Pines WWTP.*

Comment 3. iii. Core Data Form (CDF): Section V: Authorized Signature – the date of the signature was not provided. Please provide an updated CDF to include the signature date.

- *The signature has been included.*



Comment 4. Public Involvement Plant (PIP): Section 2 – this section was not completed. If the top three boxes of section 2 are not checked, then the 4th box must be checked, and a brief explanation must be provided. Please provide an updated PIP to provide the requested updates.

➤ *The Core Data Form has been added.*

Comment 5. USGS Topographic Map: the USGS map provided is blurry and did not include the applicant and facility boundaries. Please provide a legible USGS map to include the missing information in addition to information included on the original USGS map.

➤ *An updated USGS Topographic Map has been added.*

Comment 6. Language Summary (PLS): the PLS' provided did not include the co-applicant. Please provide an updated PLS, in English and Spanish language to include the co- applicant

➤ *A revised PLS has been added providing the co-applicant-This has been done in English and Spanish languages.*

Comment 7.i. Administrative Report 1.1: Landowner Map – the landowner map provided is illegible. Please provide a legible landowner map to include the applicant's property boundary, property boundaries of landowners surrounding the applicant's property, point of discharge, highlighted discharge route and the scale of map.

➤ *Landowner Map has been added.*

Comment 7. ii. Administrative Report 1.1: Mailing Labels – please provide the landowner list formatted for mailing labels (Avery 5160) in a Microsoft Word Document.

➤ *A revised Mailing Labels has been provided.*

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

➤ *See below the revised portion of the NORI.*

APPLICATION. Texas Water Utilities, L.P. and Jeffical William, P.O. Box 140164, Austin, Texas 78714, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas



Pollutant Discharge Elimination System (TPDES) Permit No. WQ0016740001 (EPA I.D. No. TX0147541) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 86,500 gallons per day. The domestic wastewater treatment facility will be located approximately 1.75 miles northeast of the intersection of Farm-to-Market Road 149 and Keenan Cut Off Road, near the city of Montgomery, in Montgomery County, Texas 77316. The discharge route will be from the plant site to **(pending TCEQ RWA Review)**. TCEQ received this application on March 3, 2025. The permit application will be available for viewing and copying at RF Meador Public Library, notice board, 709 West Montgomery Street, Willis, in Montgomery County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. <https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.66758,30.333424&level=18>

Further information may also be obtained from Texas Water Utilities, L.P. and Jeffical William at the address stated above or by calling Mr. David Peters, LightPoint Engineering, LLC, at 936- 256-2626.

Comment 9. The application indicates that public notices in Spanish are required. After confirming the portion of the NORI above does not contain any errors or omissions, please use the attached template to translate the NORI into Spanish. Only the first and last paragraphs are unique to this application and require translation. Please provide the translated Spanish NORI in a Microsoft Word document.

➤ *The Spanish version of the NORI is Attached to this email.*

Should you have any questions or concerns, please do not hesitate to contact me at this office or the email address below.

Respectfully,

MaKayla Commander

MaKayla Commander

Ph: 936-256-2626

makayla@spetexas.com

Main Office and Mailing Address:
604 W Worsham St, Suite 100, Willis, TX 77378
(936) 256-2626 · Firm No. 18904
www.spetexas.com



Attachments:

See below all requested documents.



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 checked="" type="checkbox"/>	\$515.00 <input type="checkbox"/>
≥0.10 but <0.25 MGD	\$850.00 <input type="checkbox"/>	\$815.00 <input type="checkbox"/>
≥0.25 but <0.50 MGD	\$1,250.00 <input type="checkbox"/>	\$1,215.00 <input type="checkbox"/>
≥0.50 but <1.0 MGD	\$1,650.00 <input type="checkbox"/>	\$1,615.00 <input type="checkbox"/>
≥1.0 MGD	\$2,050.00 <input type="checkbox"/>	\$2,015.00 <input type="checkbox"/>

Minor Amendment (for any flow) \$150.00 ☐

Payment Information:

Mailed Check/Money Order Number: [Click to enter text.](#)
Check/Money Order Amount: [Click to enter text.](#)
Name Printed on Check: LightPoint Engineers, LLC
EPAY Voucher Number: [Click to enter text.](#)
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 New

EPA I.D. (TPDES only): TX New

Expiration Date: N/A

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?

Texas Water Utilities L.P. and Jeffical Williams

(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: CN602740706

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.

Title: President

Credential: N/A

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?

Jeffical Williams

(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-applcant 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: NEW

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: MS.

Last Name, First Name: Williams, Jeffical

Title: N/A

Credential: N/A

Provide a brief description of the need for a co-permittee: Owner of the land

C. Core Data Form

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

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: Mrs.

Last Name, First Name: Makayla Commander

Title: Project Engineer

Credential: EIT

Organization Name: LightPoint Engineering, LLC.

Mailing Address: 604 West Worsham St., Ste. 100 City, State, Zip Code: Willis, Tx 77378

Phone No.: (936) 256-2626

E-mail Address: Makayla@spetexas.com

Check one or both: ☐ Administrative Contact ☒ Technical Contact

B. Prefix: Mr.

Last Name, First Name: Barry Chuck

Title: Environmental Health & Safety Manager

Credential: Click to enter text.

Organization Name: TEXAS WATER UTILITIES L.P.

Mailing Address: PO Box 140164

City, State, Zip Code: Austin, Texas 78714

Phone No.: 512-531-6271

E-mail Address: Chuck.Barry@nexuswg.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: Peters David

Title: Project Engineer

Credential: P.E.

Organization Name: LightPoint Engineering, LLC.

Mailing Address: 604 West Worsham St., Ste. 100

City, State, Zip Code: Willis, Tx 77378

Phone No.: (936) 207-9984

E-mail Address: David@spetexas.com

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: Admin F_2097_PLS

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: Admin G_PIP 20960

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 New

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):

Copia Pines WWTP

C. Owner of treatment facility: TEXAS WATER UTILITIES L.P.

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

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

Prefix: Mr.

Last Name, First Name: Williams Jeffical

Title: N/A

Credential: N/A

Organization Name: N/A

Mailing Address: 19943 Keenan Cut Off Rd City, State, Zip Code: Montgomery, TX 77316

Phone No.: (936)206-2200 E-mail Address: (936)209-9392

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: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: 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: Click to enter text.

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text.

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

Phone No.: Click to enter text.

E-mail Address: Click to enter text.

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

Attachment: Click to enter text.

Section 10. TPDES Discharge Information (Instructions Page 31)

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

☐ Yes ☒ No

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

New Permit- The proposed Site of the Copia Pines WWTP is approximately 1.5 miles northeast of the intersection FM 149 and Keenan Cut off Rd Montgomery, Tx 77316.

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 discharge from the proposed WWTP will outfall into 265' gravity sewer line with 12" pipe diameter and to Mound Creek (Water segment: 1015A) San Jacinto River Basin

City nearest the outfall(s): Montgomery

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

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

☐ Yes ☒ No

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

- ☐ Authorization granted ☐ Authorization pending

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

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

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

[Click to enter text.](#)

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

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

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

[Click to enter text.](#)

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

Section 12. Miscellaneous Information (Instructions Page 32)

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

☐ Yes ☒ No

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

☐ Yes ☐ No ☒ Not Applicable

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

[Click to enter text.](#)

Section 14. Signature Page (Instructions Page 39)

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

Permit Number: New

Applicant: Jeffical Williams

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): Jeffical Williams

Signatory title: Land Owner

Signature: Jeffical Williams Date: 1-23-25
(Use blue ink)

Subscribed and Sworn to before me by the said Jeffical Williams

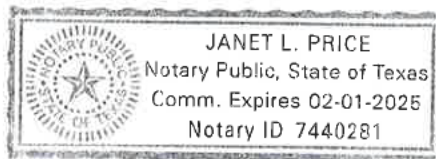
on this 23 day of January, 2025

My commission expires on the 02 day of 01, 2025

Janet L. Price
Notary Public

[SEAL]

Montgomery
County, Texas





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 602740706		RN

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)			
<input type="checkbox"/> New Customer <input checked="" 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>	
Texas Water Utilities, L.P.					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
0800034797		10303732514		742769679	00-693-4237
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 type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input checked="" 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:	PO Box 140164				
	City	Austin	State	TX	ZIP 78714 ZIP + 4
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				Chuck.Barry@nexuswg.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(512) 531-6271		() -

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.)								
Copia Pines WWTP								
23. Street Address of the Regulated Entity: (No PO Boxes)								
	City	Montgomery	State	TX	ZIP	77316	ZIP + 4	
24. County	Montgomery							

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

25. Description to Physical Location:	The facility is located 1.75 mi northeast of the intersection Farm-to-Market Road and Keenan Cut Off Road Montgomery, Texas 77316.							
26. Nearest City					State	Nearest ZIP Code		
Montgomery					TX	77316		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:		30.333424			28. Longitude (W) In Decimal:		-95.667587	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30°	20'	00.52"N	95°	39'	03.77"W			
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	4952		221320		221320			
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
34. Mailing Address:	2150 TOWN SQUARE PLACE STE. 400							
	City	Sugar Land	State	TX	ZIP	77479	ZIP + 4	
35. E-Mail Address:								
36. Telephone Number			37. Extension or Code			38. Fax Number (if applicable)		
(512) 531-6271						() -		

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 checked="" 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 checked="" type="checkbox"/> Sludge	<input checked="" 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:	MaKayla Commander		41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(936) 256-2626		() -	makayla@spetexas.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:	Lightpoint Engineering, LLC	Job Title:	Project Manager	
Name (In Print):	MaKayla Commander		Phone:	(936) 256- 2626
Signature:	<i>MaKayla Commander</i>		Date:	03/26/2025



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.

PIP is not necessary because this project does not required significant public interest.

Section 3. Application Information

Type of Application (check all that apply):

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

Water Quality

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

Water Rights New Permit

☐ New Appropriation of Water
☐ New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)

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

☐

City

☐

County

☐

Census Tract

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

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

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

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

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If Yes, please describe.

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

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

☐ Yes ☐ No

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

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

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

Section 7. Voluntary Submittal

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

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

☒ Yes ☐ No

What types of notice will be provided?

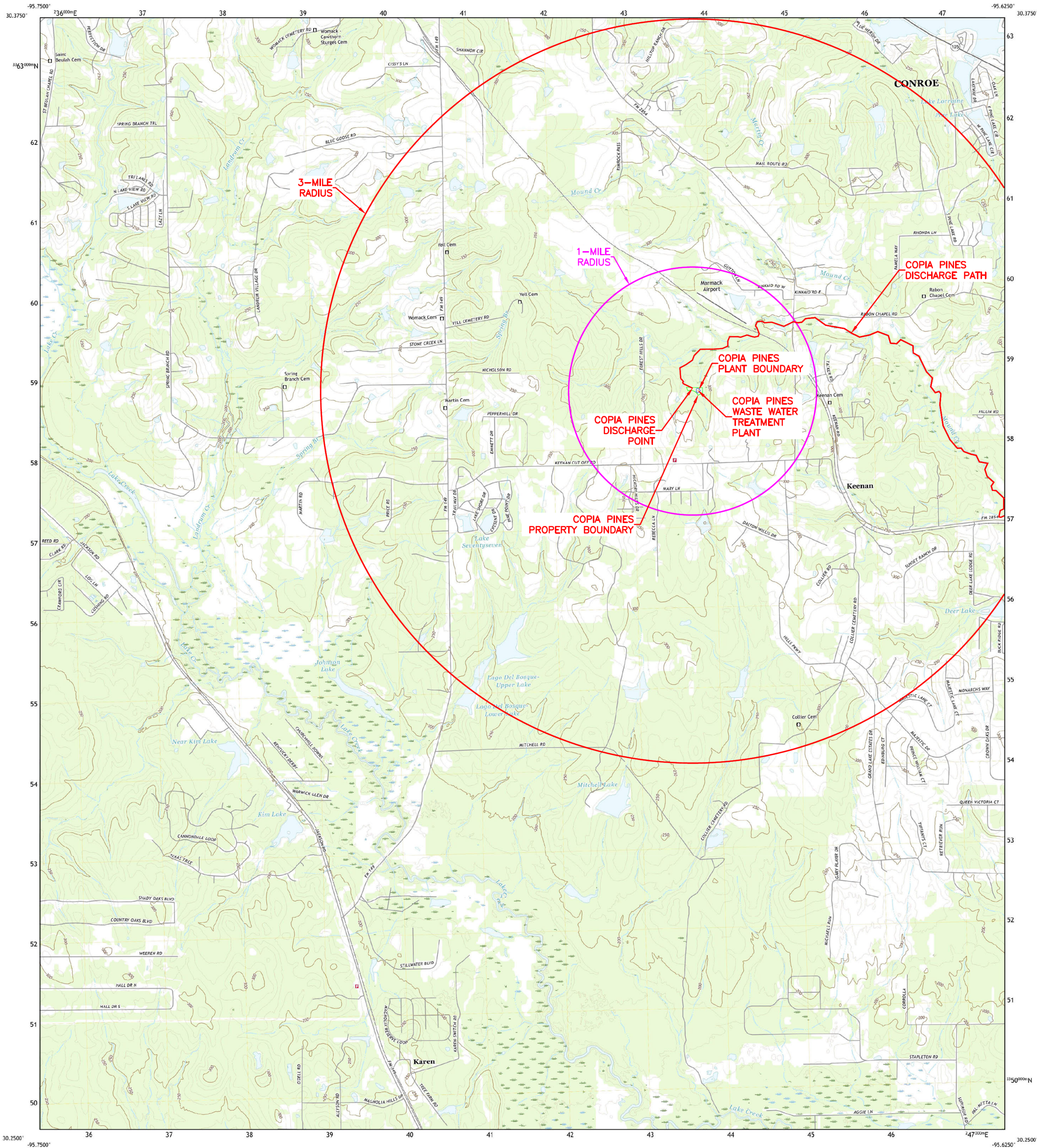
- ☐ Publish in alternative language newspaper
- ☐ Posted on Commissioner's Integrated Database Website
- ☐ Mailed by TCEQ's Office of the Chief Clerk
- ☐ Other (specify)



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

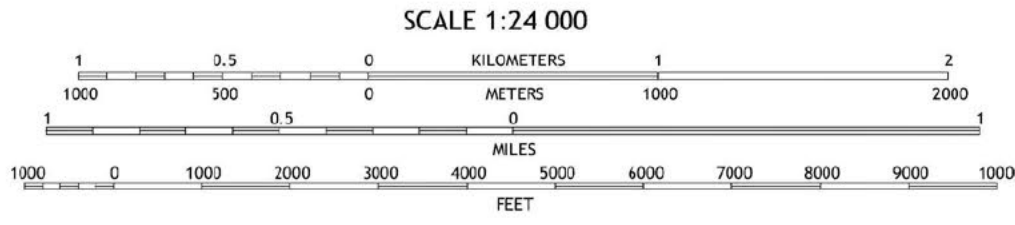
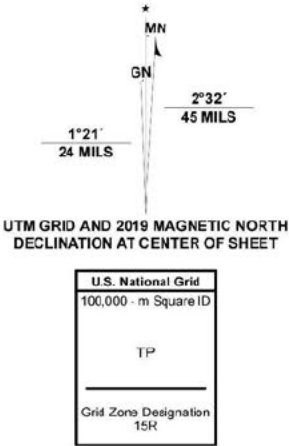


KEENAN QUADRANGLE
TEXAS - MONTGOMERY COUNTY
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1000-meter grid/Universal Transverse Mercator, Zone 16R
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.....NAP, September 2016 - November 2016
Roads.....U.S. Census Bureau, 2015
Names.....CNS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2003 - 2016
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file 2019 - 2021
Wetlands.....FWS National Wetlands Inventory Not Available



1	2	3
4	5	6
7	8	9

ADJOINING QUADRANGLES

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

KEENAN, TX
2022

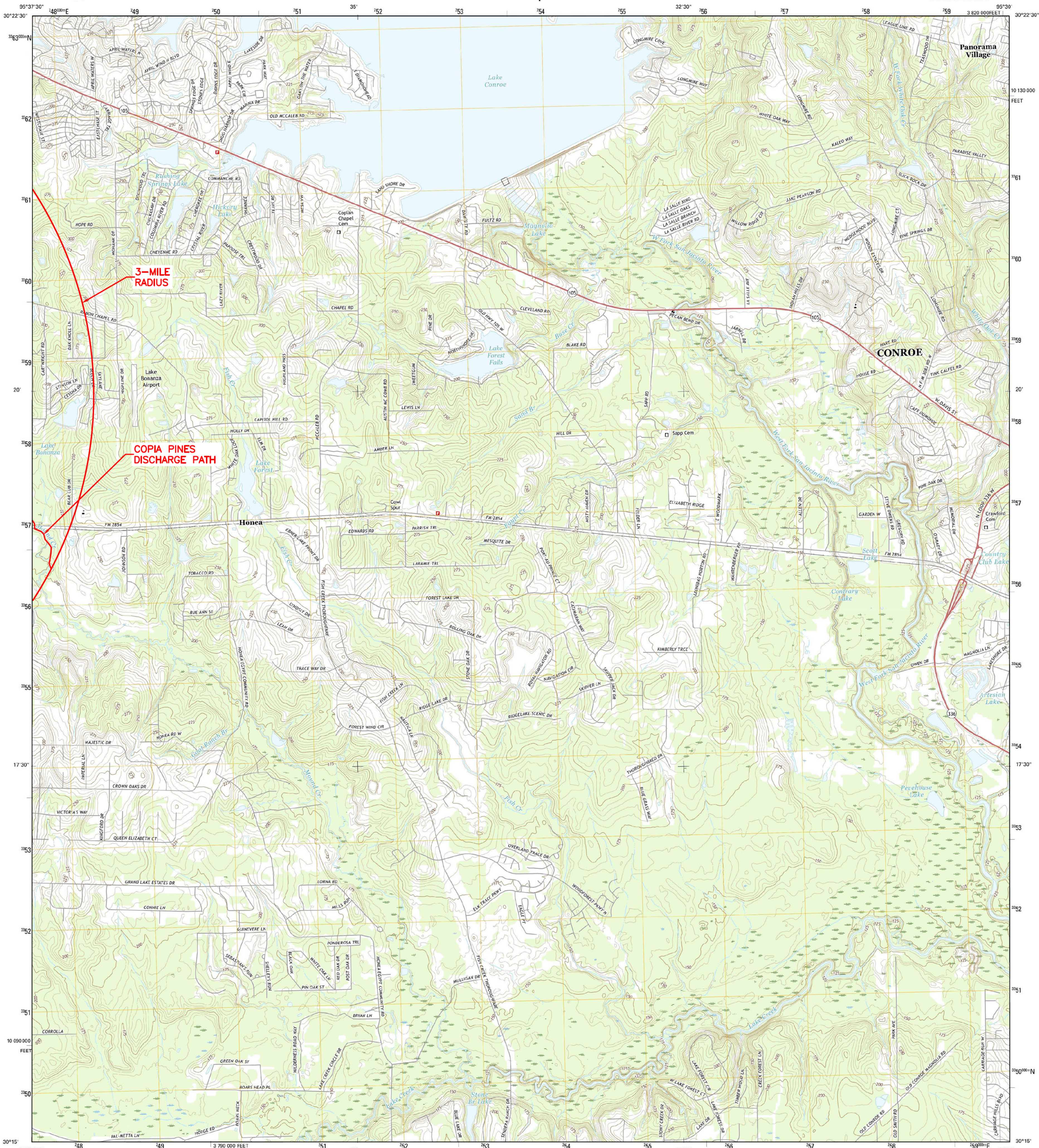




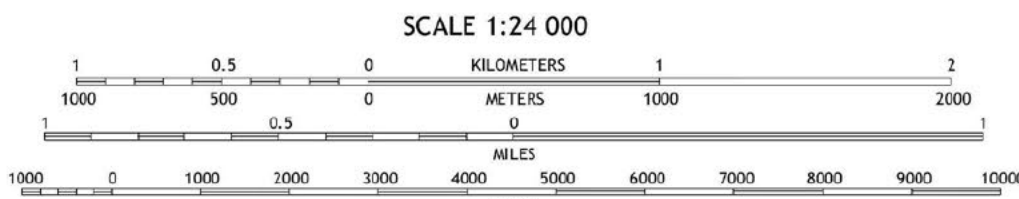
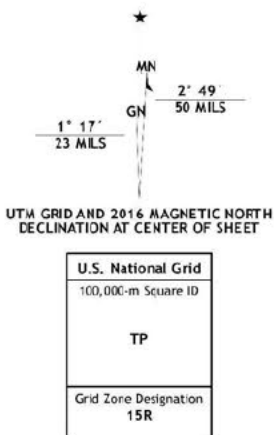
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



COWL SPUR QUADRANGLE
TEXAS-MONTGOMERY CO.
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1000-meter grid: Universal Transverse Mercator, Zone 15R
10 000-foot ticks: Texas Coordinate System of 1983 (central
zone)
This map is not a legal document. Boundaries may be
generalized for this map scale. Private lands within government
reservations may not be shown. Obtain permission before
entering private lands.
Imagery.....NAIP, October 2014
Roads.....U.S. Census Bureau, 2014 - 2015
Names.....GNIS, 2015
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2010
Boundaries.....Multiple sources; see metadata file 1972 - 2015
Wetlands.....FWS National Wetlands Inventory 1977 - 2014



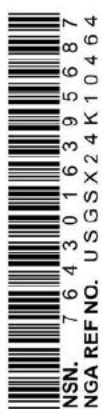
CONTOUR INTERVALS 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988
This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is: draft version 9.6.19



1	2	3	1 Montgomery
4	5	6	2 Shepard Hill
7	8	9	3 Willis
			4 Keenan
			5 Corrojo
			6 Magnolia East
			7 Oklahoma
			8 Tarnia

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

COWL SPUR, TX
2016





TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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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.

Texas Water Utilities, L.P. and Jeffical Williams, (CN602740706) proposes to operate Copia Pines WWTP (RN(NEW)), an initial plant designed for .040 MGD and a final one for .0865 MGD. The final build out will have aeration basins, digesters, clarifiers, and chlorine contact basins as shown on the process flow diagram. The facility is located at approximately 1.75 mi northeast of the intersection FM 149 and Keenan Cut Off Road, in Montgomery, Montgomery County, Texas 77316. This application is for a new permit regarding a wastewater treatment plant.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), and **Escherichia Coli**. Domestic wastewater will be treated by Aerobic digester and the treatment units include a bar screen, an aeration basin, final clarifier, sludge digesters, and chlorine contact chambers.

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

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

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

Texas Water Utilities, L.P. y Jeffical Williams, (CN602740706) propone operar la PTAR de Copia Pines (RN(NUEVA)), una planta inicial diseñada para .040 MGD y una final para .0865 MGD. La construcción final tendrá tanques de aireación, digestores, clarificadores y tanques de contacto con cloro como se muestra en el diagrama de flujo del proceso. La instalación está ubicada aproximadamente a 1.75 millas al nordeste de la intersección FM 149 y Keenan Cut Off Road, en Montgomery, Condado de Montgomery, Texas 77316. Esta solicitud es para un nuevo permiso relacionado con una planta de tratamiento de aguas residuales.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonoso (CBOD5) de cinco días, sólidos suspendidos totales (TSS) y Escherichia coli. Las aguas residuales domésticas serán tratadas mediante digestor aeróbico y las unidades de tratamiento incluyen una rejilla de barras, un estanque de aireación, un clarificador final, digestores de lodos y cámaras de contacto de cloro.

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 1: Industrial Wastewater TPDES Application (ENGLISH)

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

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

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

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

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

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

Example 2: Domestic Wastewater TPDES Renewal application

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent and Domestic Worksheet 4.0 in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 3: Domestic Wastewater TPDES New Application

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

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

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

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD₅), total suspended solids (TSS), ammonia nitrogen (NH₃-N), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by an activated sludge process plant and the treatment units will include a bar screen, a grit chamber, aeration basins, final clarifiers, sludge digesters, a belt filter press, chlorine contact chambers and a dechlorination chamber.

Example 4: Domestic Wastewater TLAP Renewal application

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

of the permit application.

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

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

Land application of domestic wastewater from the facility are expected to contain five-day biochemical oxygen demand (BOD₅), total suspended solids (TSS), and *Escherichia coli*. Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater is treated by an activated sludge process plant and the treatment units include a bar screen, an equalization basin, an aeration basin, a final clarifier, an aerobic sludge digester, tertiary filters, and a chlorine contact chamber. In addition, the facility includes a temporary storage that equals to at least three days of the daily average flow.

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: COPIA PINES WWTP

Permit No. WQ00 NEW

EPA ID No. TX NEW

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

The facility is located 1.75 mi northeast of the intersection FM 149 and Keenan Cut Off Road Montgomery, Texas 77316.

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

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

First and Last Name: Chuck Barry

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

Title: Environmental Health & Safety Manager

Mailing Address: PO BOX 140164

City, State, Zip Code: Austin, Texas 78714

Phone No.: (512)-531-6271 Ext.: Fax No.:

E-mail Address: chuck.barry@nexuswg.com

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

Same as Applicant

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 discharge from the proposed WWTP will outfall into 265' gravity sewer line with 12" pipe diameter and to Mound Creek (water segment: 1015A) San Jacinto River Basin

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):

N/A

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

TREES AND BUSHES

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:

N/A

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

N/A

Attachment 1.5 –USGS Map

MARTINEZ, DANIEL LEOS & ANA J
(401422)
7815 YAUPON RANCH CT
CYPRESS TX 77433-1583

SMITH & JONES PROPERTIES, LLC
(584537)
3011 POE DR
MONTGOMERY TX 77356-5543

SMITH, MICHAEL T (275911)
19493 KEENAN CUT OFF RD
MONTGOMERY TX 77316-2617

TWTG INVESTMENTS LLC (651866)
18434 GARY PLAYER DR
MONTGOMERY TX 77316-5443

DIAMOND S INVESTMENTS & LAND
LLC (701178)
11515 IMPERIAL LN
MONTGOMERY TX 77316-9659

JENSEN, WILLIAM F (58715)
19691 KEENAN CUT OFF RD
MONTGOMERY TX 77316-2618

SANDERS, MARLAN W (219165)
19710 KEENAN CUT OFF RD
MONTGOMERY TX 77316-2611

HAMILTON, DAVID K (68198)
PO BOX 132
MONTGOMERY TX 77356-0132

JOHNSON, TIMOTHY (601758)
PO BOX 47
MONTGOMERY TX 77356-0047

QUINLIN, SCOTT M (461536)
7871 FOREST HILLS DR
MONTGOMERY TX 77316-9287

URCINO, MARCOS & MACRINA S
BAILON & GERARDO A SALGADO
(650825)
29014 CONNECTICUT AVE
MAGNOLIA TX 77354-2127

BORDERS, DARIN (575930)
706 SOUTHVIEW CIR
CENTER TX 75935-4342

BORDERS, DARIN (575930)
706 SOUTHVIEW CIR
CENTER TX 75935-4342

JOHNSON, SUMMER & TROY (700903)
7817 FOREST HILLS DR
MONTGOMERY TX 77316-9287

LANZA, HILLARY ANNE (623705)
7681 FOREST HILLS DR
MONTGOMERY TX 77316-9285

FRANKHAUSER, NATHAN L &
REBECCA S (635396)
7669 FOREST HILLS DR
MONTGOMERY TX 77316-9285

JONATHAN E ANDERSON
REVOCABLE TRUST (580305)
7597 FOREST HILLS DR
MONTGOMERY TX 77316-9284

RAMOS, ANASTACIO P JR & MARY N
(299669)
7559 FOREST HILLS DR
MONTGOMERY TX 77316-9284

TOMPKINS, JODY (511626)
7535 FOREST HILLS DR
MONTGOMERY TX 77316-9284

GRIFFIN, ZACHARY & MARIA R
ESPINOSA (699298)
20821 EVA ST STE D
MONTGOMERY TX 77356-1976

MCCANTS FOREST LAND LIMITED
(145991)
14717 RED RIVER DR
CRP CHRISTI TX 78410-5626

LABELLA INTERESTS LP (314288)
333 SIMONTON ST STE 200
CONROE TX 77301-2667

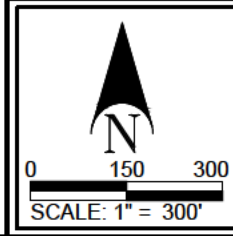
KEENAN NORTH DEVELOPEMENT
LTD (721719)
28408 SWEETGUM RD UNIT B
MAGNOLIA TX 77354-3189

MSEC ENTERPRISES INC (142809)
7625 HIGHWAY 6
NAVASOTA TX 77868-7478

MONTGOMERY ISD (102419)
PO BOX 1475
MONTGOMERY TX 77356-1475

KEENAN WATER SUPPLY
CORPORATION (279548)
21053 CHAPEL RD
MONTGOMERY TX 77316-9220

MONTGOMERY CO EMERGENCY
DIST 2 (451069)
20590 EVA ST
MONTGOMERY TX 77356-1966



PROJECT NAME:	COPIA PINES WWTP
PROJECT NUMBER:	GCL727-02
PREPARED FOR:	COPIA PINES DEVELOPMENT
DATE:	JANUARY 22, 2025

LAND OWNERS MAP



LBPE Firm No. 18938
604 W. Worsham St., Suite 100
Wills, TX 77378
530-255-2626



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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

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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 NEW		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>	
Jeffical Williams					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
N/A		N/A		N/A	N/A
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 type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input checked="" 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 type="checkbox"/> Owner & Operator <input type="checkbox"/> Other: <input type="checkbox"/> Occupational Licensee <input checked="" type="checkbox"/> Responsible Party <input type="checkbox"/> VCP/BSA Applicant					
15. Mailing Address:					
19943 Keenan Cut Off Road					
City	Montgomery	State	TX	ZIP	77316
				ZIP + 4	
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
				jmmwillia@aol.com	

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(936) 209-9392		() - -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
<input 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.)								
Copia Pines WWTP								
23. Street Address of the Regulated Entity: (No PO Boxes)								
	City	Montgomery	State	TX	ZIP	77316	ZIP + 4	
24. County	Montgomery							

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

25. Description to Physical Location:	The facility is located 1.75 mi northeast of the intersection Farm-to-Market Road and Keenan Cut Off Road Montgomery, Texas 77316.							
26. Nearest City					State	Nearest ZIP Code		
Montgomery					TX	77316		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:		30.333424			28. Longitude (W) In Decimal:		-95.667587	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30°	20'	00.52"N	95°	39'	03.77"W			
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)			
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)								
34. Mailing Address:								
	2150 TOWN SQUARE PLACE STE. 400							
	City	Sugarland	State	TX	ZIP	77479	ZIP + 4	
35. E-Mail Address:								
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)					
() - -			() - -					

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:	Makayla Commander		41. Title:	Project Manager
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(936) 256-2626		() -	makayla@spetexas.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:	LightPoint Engineering, LLC	Job Title:	Project Manager	
Name (In Print):	Makayla Commander	Phone:	(936) 256- 2626	
Signature:	<i>Makayla Commander</i>		Date:	3/26/2025

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): Mrs.

Full legal name (Last Name, First Name, Middle Initial): Williams, Jeffical

Driver's License or State Identification Number: XXXXXXXXXX

Date of Birth: XXXXXXXXXX

Mailing Address: 19943 Keenan Cut Off Rd

City, State, and Zip Code: Montgomery, Tx 77316

Phone Number: (936) 443-3440 Fax Number: Click to enter text.

E-mail Address: jmmwillia@aol.com

CN: 602740706

For Commission Use Only:

Customer Number:

Regulated Entity Number:

Permit Number:

MARTINEZ, DANIEL LEOS & ANA J
(401422)
7815 YAUPON RANCH CT
CYPRESS TX 77433-1583

SMITH & JONES PROPERTIES, LLC
(584537)
3011 POE DR
MONTGOMERY TX 77356-5543

SMITH, MICHAEL T (275911)
19493 KEENAN CUT OFF RD
MONTGOMERY TX 77316-2617

TWTG INVESTMENTS LLC (651866)
18434 GARY PLAYER DR
MONTGOMERY TX 77316-5443

DIAMOND S INVESTMENTS & LAND LLC
(701178)
11515 IMPERIAL LN
MONTGOMERY TX 77316-9659

JENSEN, WILLIAM F (58715)
19691 KEENAN CUT OFF RD
MONTGOMERY TX 77316-2618

SANDERS, MARLAN W (219165)
19710 KEENAN CUT OFF RD
MONTGOMERY TX 77316-2611

HAMILTON, DAVID K (68198)
PO BOX 132
MONTGOMERY TX 77356-0132

JOHNSON, TIMOTHY (601758)
PO BOX 47
MONTGOMERY TX 77356-0047

QUINLIN, SCOTT M (461536)
7871 FOREST HILLS DR
MONTGOMERY TX 77316-9287

URCINO, MARCOS & MACRINA S BAILON
& GERARDO A SALGADO (650825)
29014 CONNECTICUT AVE
MAGNOLIA TX 77354-2127

BORDERS, DARIN (575930)
706 SOUTHVIEW CIR
CENTER TX 75935-4342

BORDERS, DARIN (575930)
706 SOUTHVIEW CIR
CENTER TX 75935-4342

JOHNSON, SUMMER & TROY (700903)
7817 FOREST HILLS DR
MONTGOMERY TX 77316-9287

LANZA, HILLARY ANNE (623705)
7681 FOREST HILLS DR
MONTGOMERY TX 77316-9285

FRANKHAUSER, NATHAN L & REBECCA
S (635396)
7669 FOREST HILLS DR
MONTGOMERY TX 77316-9285

JONATHAN E ANDERSON REVOCABLE
TRUST (580305)
7597 FOREST HILLS DR
MONTGOMERY TX 77316-9284

RAMOS, ANASTACIO P JR & MARY N
(299669)
7559 FOREST HILLS DR
MONTGOMERY TX 77316-9284

TOMPKINS, JODY (511626)
7535 FOREST HILLS DR
MONTGOMERY TX 77316-9284

GRIFFIN, ZACHARY & MARIA R
ESPINOSA (699298)
20821 EVA ST STE D
MONTGOMERY TX 77356-1976

MCCANTS FOREST LAND LIMITED
(145991)
14717 RED RIVER DR
CRP CHRISTI TX 78410-5626

LABELLA INTERESTS LP (314288)
333 SIMONTON ST STE 200
CONROE TX 77301-2667

KEENAN NORTH DEVELOPEMENT LTD
(721719)
28408 SWEETGUM RD UNIT B
MAGNOLIA TX 77354-3189

MSEC ENTERPRISES INC (142809)
7625 HIGHWAY 6
NAVASOTA TX 77868-7478

MONTGOMERY ISD (102419)
PO BOX 1475
MONTGOMERY TX 77356-1475

KEENAN WATER SUPPLY
CORPORATION (279548)
21053 CHAPEL RD
MONTGOMERY TX 77316-9220

MONTGOMERY CO EMERGENCY DIST 2
(451069)
20590 EVA ST
MONTGOMERY TX 77356-1966

ADOUE, NORMAN D
(132046)
7 SENDERO WOODS
BOERNE TX 78015-8367

ROBBINS, MICHAEL STEPHEN (471581)
19577 FM 2854 RD
MONTGOMERY TX 77316-3150

MCDOWELL, EDWARD & MARGARET
(119938)
PO BOX 873
MONTGOMERY TX 77356-0873

LAMBARD, WILLIAM & CANDACE
(722338)
19053 KINKAID RD W # W
MONTGOMERY TX 77316-4096

LAMBARD, WILLIAM & CANDACE
(722338)
19053 KINKAID RD W # W
MONTGOMERY TX 77316-4096

KCOP I LP (694077)
9805 KATY FWY STE 500
HOUSTON TX 77024-1271

#	Acres	Parcel Address	Owner	Owner Address	County
1	0.4600	HICKORY HILLS 398, LOT 64, ACRES 0.460	MARTINEZ, DANIEL LEOS & ANA J (401422)	7815 YAUPON RANCH CT CYPRESS TX 77433-1583	MONTGOMERY
2	5.0000	19439 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S576600 - Hickory Hills 398, Lot 22, ACRES 5	SMITH & JONES PROPERTIES, LLC (584537)	3011 POE DR MONTGOMERY TX 77356-5543	MONTGOMERY
3	4.4000	19493 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S576600 - Hickory Hills 398, Lot 20-A, ACRES 4.4	SMITH, MICHAEL T (275911)	19493 KEENAN CUT OFF RD MONTGOMERY TX 77316-2617	MONTGOMERY
4	3.5000	19513 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S576600 - Hickory Hills 398, Lot 19-B, 20-B, ACRES 3.5	TWTG INVESTMENTS LLC (651866)	18434 GARY PLAYER DR MONTGOMERY TX 77316-5443	MONTGOMERY
5	3.5000	19525 KEENAN CUT OFF RD, MONTGOMERY TX 77316	DIAMOND S INVESTMENTS & LAND LLC (701178)	11515 IMPERIAL LN MONTGOMERY TX 77316-9659	MONTGOMERY
6	3.0500	19691 KEENAN CUT OFF RD, MONTGOMERY TX 77316 HICKORY HILLS 398, LOT 13, ACRES 3.050	JENSEN, WILLIAM F (58715)	19691 KEENAN CUT OFF RD MONTGOMERY TX 77316-2618	MONTGOMERY
7	0.0000	S514101 - Forest Hills 01, Lot 33,	SANDERS, MARLAN W (219165)	19710 KEENAN CUT OFF RD MONTGOMERY TX 77316-2611	MONTGOMERY
8	3.7200	8053 FOREST HILLS DR, MONTGOMERY TX 77316 S514101 - Forest Hills 01, Lot 1, 2, 31, 32, ACRES 3.72	HAMILTON, DAVID K (68198)	PO BOX 132 MONTGOMERY TX 77356-0132	MONTGOMERY
9	0.0000	8053 FOREST HILLS DR, MONTGOMERY TX 77316	JOHNSON, TIMOTHY (601758)	PO BOX 47 MONTGOMERY TX 77356-0047	MONTGOMERY
10	0.0000	7871 FOREST HILLS DR, MONTGOMERY TX 77316 S514101 - Forest Hills 01, Lot 7-10,25,26	QUINLIN, SCOTT M (461536)	7871 FOREST HILLS DR MONTGOMERY TX 77316-9287	MONTGOMERY
11	0.0000	19708 KEENAN CUT OFF RD, MONTGOMERY TX 77316 S514101 - Forest Hills 01, Lot 23, 24, SERIAL OC050013783, LABEL # PFS0630354	URCINO, MARCOS & MACRINA S BAILON & GERARDO A SALGADO (650825)	29014 CONNECTICUT AVE MAGNOLIA TX 77354-2127	MONTGOMERY
12	0.0000	FOREST HILLS 01, LOT 22	BORDERS, DARIN (575930)	706 SOUTHVIEW CIR CENTER TX 75935- 4342	MONTGOMERY
13	0.0000	FOREST HILLS 01, LOT 21	BORDERS, DARIN (575930)	706 SOUTHVIEW CIR	MONTGOMERY

				CENTER TX 75935-4342	
14	0.0000	7817 FOREST HILLS DR, MONTGOMERY TX 77316 7817 FOREST HILLS DR, MONTGOMERY TX 77316	JOHNSON, SUMMER & TROY (700903)	7817 FOREST HILLS DR MONTGOMERY TX 77316-9287	MONTGOMERY
15	0.0000	7681 FOREST HILLS DR, MONTGOMERY TX 77316 S514101 - FOREST HILLS 01, LOT 16, 17, 18, 19, 49, SERIAL CHVM389888014716A, TITLE # CANCELED, LABEL # RAD1119777	LANZA, HILLARY ANNE (623705)	7681 FOREST HILLS DR MONTGOMERY TX 77316-9285	MONTGOMERY
16	0.0000	7669 FOREST HILLS DR, MONTGOMERY TX 77316 S514102 - Forest Hills 02, Lot 50, 52	FRANKHAUSER, NATHAN L & REBECCA S (635396)	7669 FOREST HILLS DR MONTGOMERY TX 77316-9285	MONTGOMERY
17	0.0000	7597 FOREST HILLS DR, MONTGOMERY TX 77316 S514102 - Forest Hills 02, Lot 54,56	JONATHAN E ANDERSON REVOCABLE TRUST (580305)	7597 FOREST HILLS DR MONTGOMERY TX 77316-9284	MONTGOMERY
18	0.0000	7559 FOREST HILLS DR, MONTGOMERY TX 77316 FOREST HILLS 02, LOT 58,60,62,64	RAMOS, ANASTACIO P JR & MARY N (299669)	7559 FOREST HILLS DR MONTGOMERY TX 77316-9284	MONTGOMERY
19	3.5970	7535 FOREST HILLS DR, MONTGOMERY TX 77316 S514102 - Forest Hills 02, Lot 66, 68, ACRES 3.597	TOMPKINS, JODY (511626)	7535 FOREST HILLS DR MONTGOMERY TX 77316-9284	MONTGOMERY
20	3.2230	S514102 - Forest Hills 02, Lot 70, 72, ACRES 3.223	GRIFFIN, ZACHARY & MARIA R ESPINOSA (699298)	20821 EVA ST STE D MONTGOMERY TX 77356-1976	MONTGOMERY
21	3.5000	A0033 ROGERS RALEIGH, TRACT 16, 17, 18, 20, 43 (SPLIT FOR TIM & AG), ACRES 3.500	MCCANTS FOREST LAND LIMITED (145991)	14717 RED RIVER DR CRP CHRISTI TX 78410-5626	MONTGOMERY
22	1.0000	19012 KEENAN CUT OFF RD, MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 22-A, 24-A, 24A-1, ACRES 1	LABELLA INTERESTS LP (314288)	333 SIMONTON ST STE 200 CONROE TX 77301-2667	MONTGOMERY
23	0.5000	19202 KEENAN CUT OFF RD, MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 25-A, ACRES 0.5	KEENAN NORTH DEVELOPEMENT LTD (721719)	28408 SWEETGUM RD UNIT B MAGNOLIA TX 77354-3189	MONTGOMERY
24	0.0650	A0033 - Rogers Raleigh, TRACT 26C-1, ACRES 0.065	MSEC ENTERPRISES INC (142809)	7625 HIGHWAY 6 NAVASOTA TX 77868-7478	MONTGOMERY
25	63.3880	19190 KEENAN CUT OFF RD,	MONTGOMERY ISD (102419)	PO BOX 1475	MONTGOMERY

		MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 26-A, 26-C, ACRES 63.388		MONTGOMERY TX 77356-1475	
26	3.0240	A0033 - Rogers Raleigh, TRACT 29-B, ACRES 3.024	KEENAN WATER SUPPLY CORPORATION (279548)	21053 CHAPEL RD MONTGOMERY TX 77316-9220	MONTGOMERY
27	2.0000	19530 KEENAN CUT OFF RD, MONTGOMERY TX 77316 A0033 - Rogers Raleigh, TRACT 29-A, ACRES 2	MONTGOMERY CO EMERGENCY DIST 2 (451069)	20590 EVA ST MONTGOMERY TX 77356-1966	MONTGOMERY
28	1.0000	7190 ADOUE RD, MONTGOMERY TX 77316	ADOUE, NORMAN D (132046)	7 SENDERO WOODS BOERNE TX 78015-8367	MONTGOMERY
29	4.5000	S643400 - Kinkaid Farms, Lot 32-A (SPLIT FOR AG), ACRES 4.5	ROBBINS, MICHAEL STEPHEN (471581)	19577 FM 2854 RD MONTGOMERY TX 77316-3150	MONTGOMERY
30	18.4310	S643400 - Kinkaid Farms, Lot 22 - 27, 28- B, 29-A, ACRES 18.431	MCDOWELL, EDWARD & MARGARET (119938)	PO BOX 873 MONTGOMERY TX 77356-0873	MONTGOMERY
31	8.1900	KINKAID FARMS, LOT 30-B, ACRES 8.190	LAMBARD, WILLIAM & CANDACE (722338)	19053 KINKAID RD W # W MONTGOMERY TX 77316-4096	MONTGOMERY
32	1.0000	19053 KINKAID RD W, MONTGOMERY TX 77316	LAMBARD, WILLIAM & CANDACE (722338)	19053 KINKAID RD W # W MONTGOMERY TX 77316-4096	MONTGOMERY
33	58.8800	KEENAN CUT OFF RD, MONTGOMERY TX 77316	KCOP I LP (694077)	9805 KATY FWY STE 500 HOUSTON TX 77024-1271	MONTGOMERY

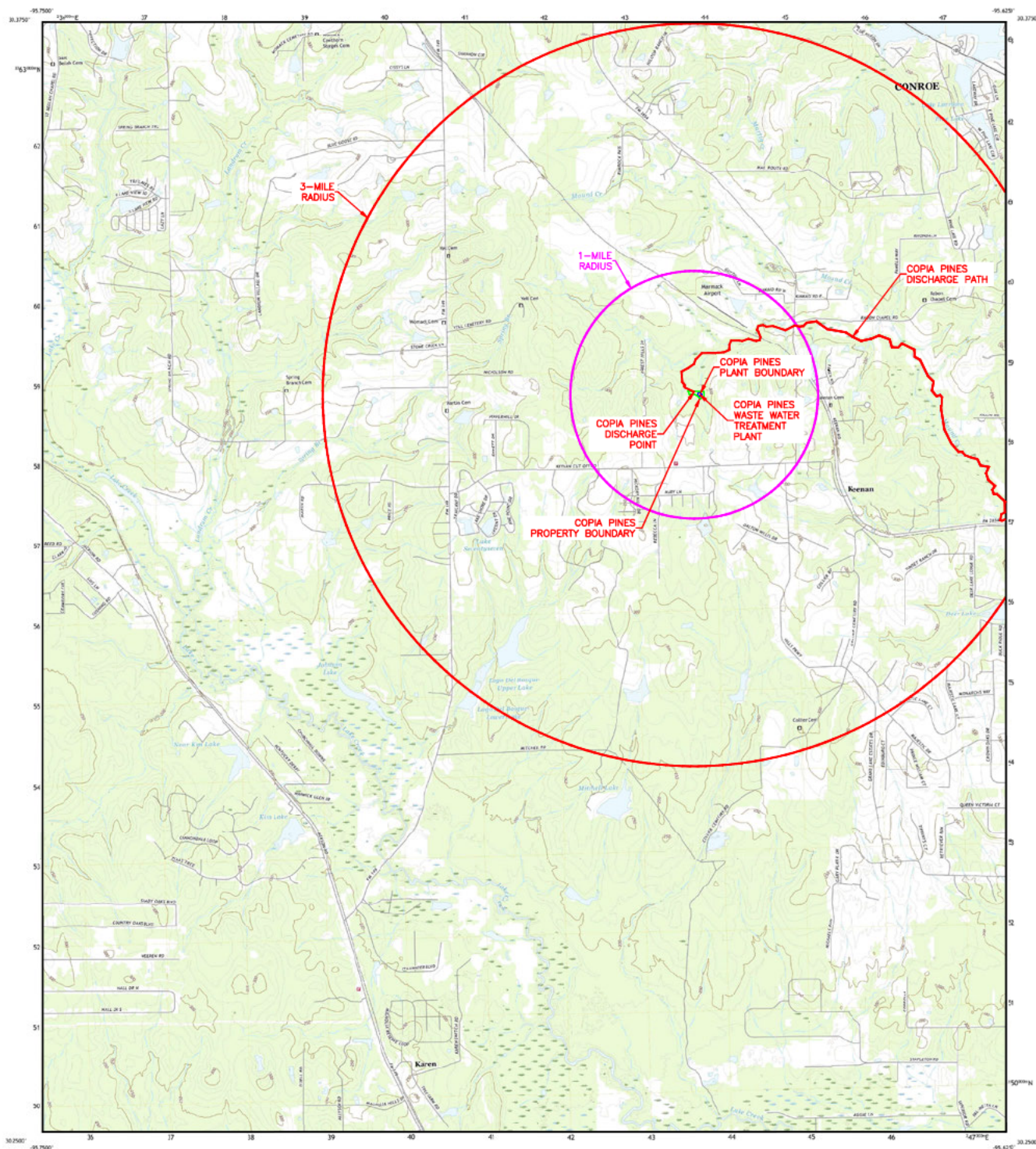




U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



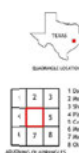
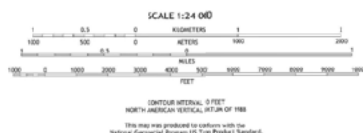
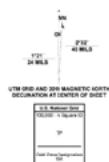
KEENAN QUADRANGLE
TEXAS - MONTGOMERY COUNTY
7.5-MINUTE SERIES



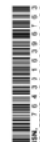
Produced by the United States Geological Survey

North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84) Projection and
a 10-meter environmental coordinate system. Note 1:54
This map is not a legal document. Boundary maps
generated for this map series. Private lands within government
jurisdiction may not be shown. Obtain permission before
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Imagery: U.S. AIR, September 2014 - November 2014
Base: U.S. Census Bureau, 2010
Hydrography: U.S. Census Bureau, 2010
Topography: U.S. Census Bureau, 2010
Cadastral: U.S. Census Bureau, 2010
Boundaries: U.S. Census Bureau, 2010
Metadata: U.S. Census Bureau, 2010



KEENAN, TX
2022

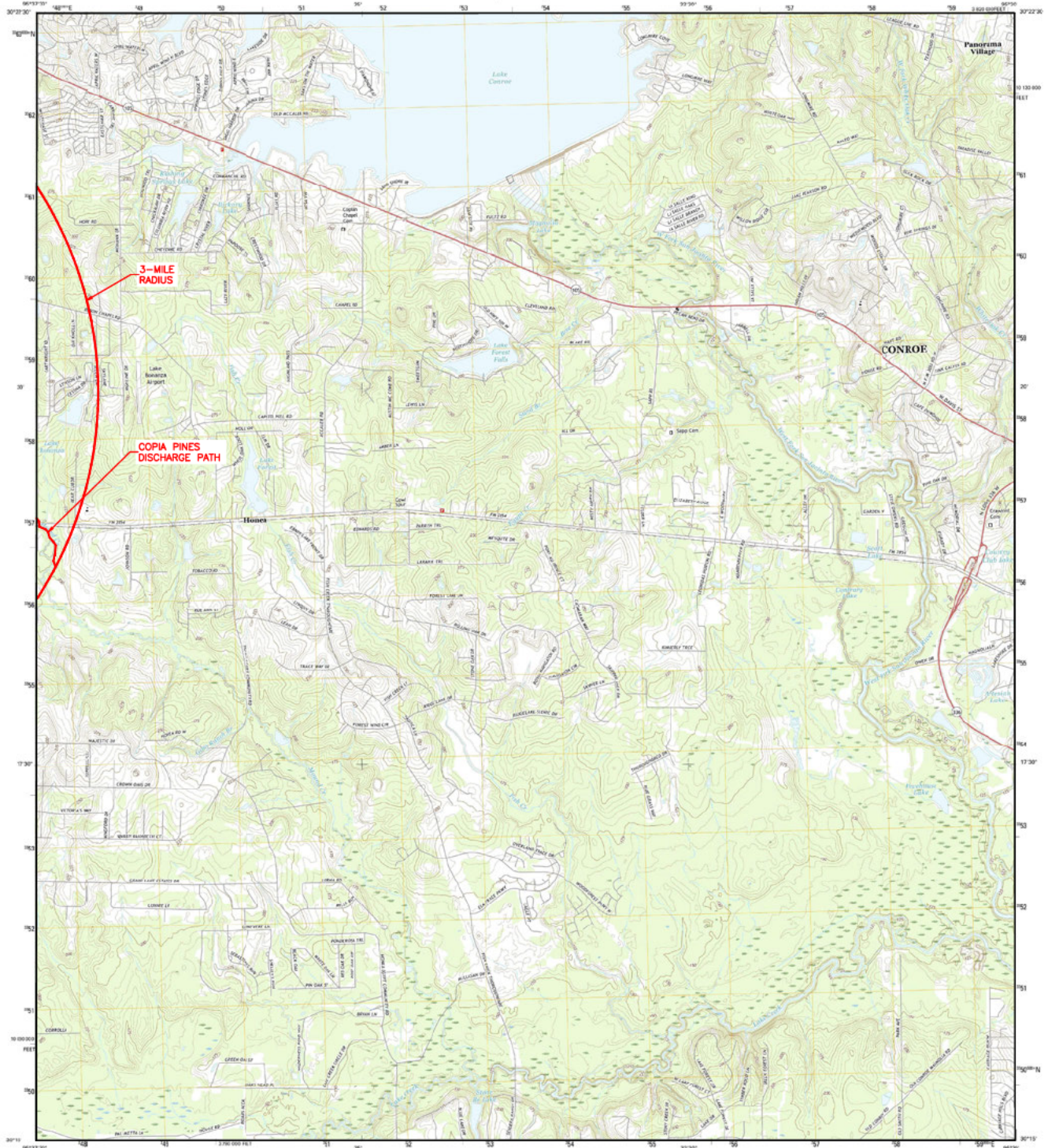




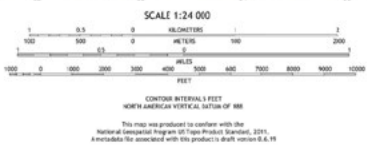
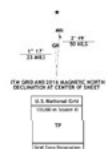
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY



COWL SPUR QUADRANGLE
TEXAS-MONTGOMERY CO.
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
Vertical datum: Mean Sea Level (MSL)
Horizontal datum: North American Datum of 1983 (NAD83)
This map is not a legal document. Boundary lines may be generated for this map only. Private lands within government operations may not be shown. Obtain permission before entering private lands.
Data sources: U.S. Census Bureau, 2014
Topographic data: U.S. Geological Survey, 2014
Road data: U.S. Geological Survey, 2014
Hydrographic data: U.S. Geological Survey, 2014
Metadata: U.S. Geological Survey, 2014



ROAD CLASSIFICATION	
Expressway	Local Connector
Arterial (major)	Local Road
Arterial (minor)	US Route
State Route	State Route



COWL SPUR, TX
2014