



# Administrative Package Cover Page

**This file contains the following documents:**

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



# Portada de Paquete Administrativo

**Este archivo contiene los siguientes documentos:**

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



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

City of Jarrell (CN 602777716) operates City of Jarrell Wastewater Treatment Facility (RN 104515887), a wastewater treatment facility servicing the corporate limits of the City of Jarrell including some areas with water services provided by Sonterra - Cool Water, East Wood at Sonterra, and Jarrell Schwertner Water Supply Corporation. The facility is located at Farm-to-Market Road 487, approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-Market Road 487, in Jarrell, Williamson County, Texas 76537. This application request is for the renewal of the current permit to authorize the discharge of treated wastewater at a volume not to exceed an average annual flow of 4,000,000 gallons per day, amending the current facility operator within the existing permit. The treated effluent is discharged into Dunahoe Creek, thence to the Little River in the Brazos River watershed.

Discharges from the facility are expected to contain CBOD5, TSS, Ammonia Nitrogen, Nitrate Nitrogen, TKN, Sulfate, Chloride, Total Phosphorus, pH, Dissolved Oxygen, Chlorine Residual,

E. coli, TDS, Electrical Conductivity, Oil & Grease, and Alkalinity. Municipal wastewater is treated by Waste Activated Sludge (WAS) followed by Clarification and Chlorine Disinfection.

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

### **AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES**

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

Ciudad de Jarrell (CN 602777716) opera la instalación de tratamiento de aguas residuales de la ciudad de Jarrell (RN104515887), una instalación de tratamiento de aguas residuales que presta servicio a los límites corporativos de la ciudad de Jarell, incluidas algunas áreas con servicios de agua proporcionados por Sonterra - Cool Water, East Wood at Sonterra y Jarrell Schwertner Water Supply Corporation.. La instalación está ubicada en Farm-to-Market Road 487, aproximadamente a 5,190 pies al este-sureste de la intersección de County Road 303 y Farm-to-Market Road 487, en Jarrell, Condado de Williamson, Texas 76537. Esta solicitud de solicitud es para la renovación del permiso actual para autorizar la descarga de aguas residuales tratadas en un volumen que no exceda un flujo anual promedio de 4,000,000 de galones por día, modificando el operador actual de la instalación dentro del permiso existente. El efluente tratado se descarga en Dunahoe Creek y de allí al Little River en la cuenca del río Brazos.

Se espera que las descargas de la instalación contengan contengan Demanda Bioquímica de Oxígeno Carbonoso (CBOD5), Solidos Totalmente Suspendidos (TSS), Nitrógeno Amoniacal, Nitrógeno Nitrato, Nitrógeno Kjeldahl Total (TKN), Sulfato, Cloruro, Fósforo Total, pH, Oxígeno Disuelto, Residual de Cloro, E. coli, Sólidos Disueltos Totales (TDS), Conductividad Eléctrica, Aceite y Grasa, y Alcalinidad. Aguas residuales municipales. está tratado por Lodos Activados de Residuos (WAS) seguido de Clarificación y Desinfección con Cloro.

# TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0014594001

**APPLICATION.** City of Jarrell, 161 Town Center Boulevard, Jarrell, Texas 76537, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014594001 (EPA I.D. No. TX0127698) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 4,000,000 gallons per day. The domestic wastewater facility is located approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-market Road 487, near the city of Jarrell, in Williamson County, Texas 76537. The discharge route is from the plant site to Donahoe Creek; thence to Little River. TCEQ received this application on September 30, 2024. The permit application will be available for viewing and copying at Jarrell City Hall, Front Desk, 161 Town Center Boulevard, Jarrell, in Williamson County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: <https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.545555,30.825277&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.**

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

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

**INFORMATION AVAILABLE ONLINE.** For details about the status of the application, visit the Commissioners' Integrated Database at [www.tceq.texas.gov/goto/cid](http://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](http://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 the City of Jarrell at the address stated above or by calling Mr. Patrick Sherek, Mayor, at (512)-746-4593.

Issuance Date: November 1, 2024

# Comisión de Calidad Ambiental del Estado de Texas



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

### PERMISO NO. WQ0014594001

**SOLICITUD.** Ciudad de Jarrell, 161 Town Center Boulevard, Jarrell, Texas 76537 ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para renovar el Permiso No. WQ0014594001 (EPA I.D. No. TX 0127698) del Sistema de Eliminación de Descargas de Contaminantes de Texas (TPDES) para autorizar la descarga de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 4,000,000 galones por día. La planta está ubicada en Farm-to-Market Road 487, aproximadamente a 5,190 pies al este-sureste de la intersección de County Road 303 y Farm-to-Market Road 487, cerca de la ciudad de Jarrell en el Condado de Williamson, Texas. La ruta de descarga es del sitio de la planta a Donahoe Creek, de allí a Little River. La TCEQ recibió esta solicitud el 30 de septiembre de 2024. La solicitud para el permiso estará disponible para leerla y copiarla en el Ayuntamiento de la ciudad de Jarrell, recepción, 161 Town Center Boulevard, Jarrell, en el condado de Williamson, Texas 76537, antes de la fecha de publicación de este aviso en el periódico. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud.

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

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

**COMENTARIO PUBLICO / REUNION PUBLICA.** **Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud.** El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión

pública no es una audiencia administrativa de lo contencioso.

#### **OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO.**

Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todos 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 por qué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

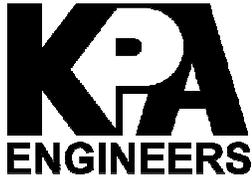
Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.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

**LISTA DE CORREO.** Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas de correos siguientes (1) la lista de correo permanente para recibir los avisos de el solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado específico. Si desea que se agregue su nombre en una de las listas designe cual lista(s) y 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 información adicional del ciudad de Jarrell a la dirección indicada arriba o llamando a Señor Patricck Sherek, alcalde al (512)-746-4593.

Fecha de emission: 1 de Noviembre de 2024



19 North Main Street • Temple, TX 76501 • (254) 773-3731  
 800 South Austin Ave • Georgetown, TX 78626 • (512) 819-9478

LETTER OF TRANSMITTAL

PROJECT: 2023-177-10

TO: Water Quality Division  
 Applications Review and Processing Team (MC148)  
 P.O. Box 13087  
 Austin, TX 78711-3087

DATE: September 30, 2024  
**ATTENTION: Texas Commission on Environmental Quality**  
 RE: Application for Renewal of City of Jarrell WWTF Permit No. WQ0014594001 to Discharge Wastewater

**WE ARE SENDING YOU**

- Attached       Under Separate Cover via \_\_\_\_\_ the following items:  
 Shop Drawings       Plans       Pay Estimate       Specifications  
 Prints       Copy of letter       Change Order       Domestic Wastewater Permit Application and Attachments

COPIES	DATE	DESCRIPTION	Action taken on Shop Drawings					
			A	B	C	D	E	F
3	9-30-24	Hard Copy - Domestic Wastewater Permit Application and Attachments						
1	9-30-24	Electronic - Domestic Wastewater Permit Application and Attachments						

**THESE ARE TRANSMITTED**

as checked below:

- For approval  
 Sign and return to KPA  
 As requested  
 For your files  
 \_\_\_\_\_

ACTION TAKEN ON SHOP DRAWINGS	
A No Exception Taken	D Submit Specific Item
B Revise and Submit	E Rejected
C Furnish as Corrected	F _____

REMARKS:

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

XC: Mr. Patrick Sharek, City of Jarrell (1 Copy)

SIGNED: Trae Sutton, PE



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST**

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

APPLICANT NAME: City of Jarrell

PERMIT NUMBER (If new, leave blank): WQ00 14594001

**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 type="checkbox"/>	<input checked="" type="checkbox"/>	Affected Landowners Map	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SPIF	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Landowner Disk or Labels	<input type="checkbox"/>	<input checked="" 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 type="checkbox"/>	<input checked="" type="checkbox"/>	Original Photographs	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Worksheet 2.0	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Design Calculations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Worksheet 2.1	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Solids Management Plan	<input type="checkbox"/>	<input checked="" 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 checked="" type="checkbox"/>	<input type="checkbox"/>			
Worksheet 5.0	<input type="checkbox"/>	<input checked="" type="checkbox"/>			
Worksheet 6.0	<input checked="" type="checkbox"/>	<input 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 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 checked="" type="checkbox"/>

Minor Amendment (for any flow) \$150.00

**Payment Information:**

Mailed      Check/Money Order Number:   
 Check/Money Order Amount:   
 Name Printed on Check:   
 EPAY      Voucher Number: 0081259274  
 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 1459001

EPA I.D. (TPDES only): TX 0127698

Expiration Date: February 27, 2025

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

City of Jarrell

*(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: 602777716

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

Prefix: Mr.

Last Name, First Name: Sherek, Patrick

Title: Mayor

Credential: N/A

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

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

N/A

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

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

CN: N/A

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

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

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

### C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0. See Attachment 1, 10400– Core Data Form.

## Section 4. Application Contact Information (Instructions Page 27)

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

- A. Prefix: Mr. Last Name, First Name: Sherek, Patrick  
Title: Mayor Credential: N/A  
Organization Name: City of Jarrell  
Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537  
Phone No.: (512)-746-4593 E-mail Address: p.sherek@cityofjarrell.com  
Check one or both:  Administrative Contact  Technical Contact
- B. Prefix: Mrs. Last Name, First Name: Cantu, Jordan  
Title: Public Works Director Credential: AICP  
Organization Name: City of Jarrell  
Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537  
Phone No.: (512)-746-4593 E-mail Address: j.cantu@cityofjarrell.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: Sherek, Patrick  
Title: Mayor Credential: N/A  
Organization Name: City of Jarrell  
Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537  
Phone No.: (512)-746-4593 E-mail Address: p.sherek@cityofjarrell.com

B. Prefix: Mrs. Last Name, First Name: Cantu, Jordan  
Title: Public Works Director Credential: N/A  
Organization Name: City of Jarrell  
Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537  
Phone No.: (512)-746-4593 E-mail Address: j.cantu@cityofjarrell.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: Mrs. Last Name, First Name: Cantu, Jordan  
Title: Public Works Director Credential: AICP  
Organization Name: City of Jarrell  
Mailing Address: 161 Town Center boulevard City, State, Zip Code: Jarrell, Texas, 76537  
Phone No.: (512)-746-4593 E-mail Address: p.sherek@cityofjarrell.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: Sherek, Patrick  
Title: Mayor Credential: N/A  
Organization Name: City of Jarrell  
Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537  
Phone No.: (512)-746-4593 E-mail Address: p.sherek@cityofjarrell.com

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

### A. Individual Publishing the Notices

Prefix: Mrs. Last Name, First Name: Peace, Dianne  
Title: City Secretary Credential: Click to enter text.  
Organization Name: City of Jarrell  
Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537  
Phone No.: (512)-746-4593 E-mail Address: d.peace@cityofjarrell.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: Sherek, Patrick

Title: Mayor Credential: N/A

Organization Name: City of Jarrell

Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537

Phone No.: (512)-746-4593 E-mail Address: p.sherek@cityofjarrell.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: City of Jarrell City Hall

Location within the building: Front Desk

Physical Address of Building: 161 Town Center Boulevard

City: City of Jarrell County: Williamson

Contact (Last Name, First Name): Peace, Dianne

Phone No.: (512)-746-4593 Ext.: 121

**E. Bilingual Notice Requirements**

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

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

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

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

Yes       No

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

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

Yes       No

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

Yes  No

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

Yes  No

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

#### F. Plain Language Summary Template

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

**Attachment:** Attachment – 20972 Plain Language Summary

#### G. Public Involvement Plan Form

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

**Attachment:** Attachment – 20960 Public Involvement Plan Form

## 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 104515887

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):

City of Jarrell Wastewater Treatment Facility

C. Owner of treatment facility: City of Jarrell

Ownership of Facility:  Public  Private  Both  Federal

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

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: City of Jarrell

Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537

Phone No.: (512)-746-4593

E-mail Address: N/A

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

**Attachment:** Click to enter text.

E. Owner of effluent disposal site:

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: City of Jarrell

Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537

Phone No.: (512)-746-4593

E-mail Address: N/A

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

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

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

Prefix: N/A

Last Name, First Name: N/A

Title: N/A

Credential: N/A

Organization Name: City of Jarrell

Mailing Address: 161 Town Center Boulevard City, State, Zip Code: Jarrell, Texas, 76537

Phone No.: (512)-746-4593

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:

N/A

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

Yes  No

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

N/A

City nearest the outfall(s): City of Jarrell

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

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

Yes  No

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

- Authorization granted       Authorization pending

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

**Attachment:** N/A

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

## Section 11. TLAP Disposal Information (Instructions Page 32)

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

- Yes       No

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

N/A

- B. City nearest the disposal site: N/A

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

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

N/A

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

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

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

- Yes       No

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

- Yes       No       Not Applicable

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

Click to enter text.

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

Yes  No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: [Click to enter text.](#)

D. Do you owe any fees to the TCEQ?

Yes  No

If yes, provide the following information:

Account number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

E. Do you owe any penalties to the TCEQ?

Yes  No

If yes, please provide the following information:

Enforcement order number: [Click to enter text.](#)

Amount past due: [Click to enter text.](#)

## Section 13. Attachments (Instructions Page 33)

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

- Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
- Original full-size USGS Topographic Map with the following information:
- Applicant's property boundary
  - Treatment facility boundary
  - Labeled point of discharge for each discharge point (TPDES only)
  - Highlighted discharge route for each discharge point (TPDES only)
  - Onsite sewage sludge disposal site (if applicable)
  - Effluent disposal site boundaries (TLAP only)
  - New and future construction (if applicable)
  - 1 mile radius information
  - 3 miles downstream information (TPDES only)
  - All ponds.
- Attachment 1 for Individuals as co-applicants
- Other Attachments. Please specify: Exhibit A- Domestic Administrative Report 1.0 Section 13, Exhibit B – Supplemental Permit Information Form Item 5, Exhibit C-Process Flow Diagram, Exhibit D – Site Drawing & Service Area, Exhibit E – Site & Buffer Zone, Appendix A – Original Photographs including Effluent Photos, Appendix B - Pollutant Analysis of Treated Effluent Lab Results, Appendix C - Copy of Application Fee Check.

**Section 14. Signature Page (Instructions Page 34)**

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

Permit Number: WQ0014594001

Applicant: City of Jarrell

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.

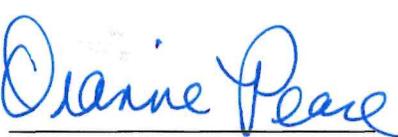
I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): Patrick Sherek

Signatory title: Mayor

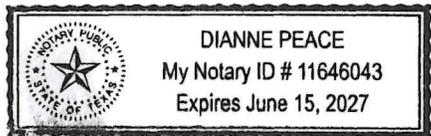
Signature:  Date: 8/29/2024  
(Use blue ink)

Subscribed and Sworn to before me by the said Patrick Sherek  
on this 29th day of August, 2024.  
My commission expires on the 15th day of June, 2027.

  
Notary Public

[SEAL]

Williamson  
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: [Click to enter text.](#)
- E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?
- Yes
  - No

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

Click to enter text.

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

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

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

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

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

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

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

- Ownership
- Restrictive easement
- Nuisance odor control
- Variance

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

- Yes       No

# DOMESTIC WASTEWATER PERMIT APPLICATION

## SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

**Attachment:** Attachment - TCEQ Form 20971 (SPIF)

# WATER QUALITY PERMIT

## PAYMENT SUBMITTAL FORM

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

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

**Mail this form and the check or money order to:**

*BY REGULAR U.S. MAIL*

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

*BY OVERNIGHT/EXPRESS MAIL*

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

**Fee Code: WQP**      **Waste Permit No: 0014594001**

1. Check or Money Order Number: 0081259274
2. Check or Money Order Amount: \$2,015.00
3. Date of Check or Money Order: 8/28/2024
4. Name on Check or Money Order: SARA WILLIAMS
5. APPLICATION INFORMATION

Name of Project or Site: City of Jarrell

Physical Address of Project or Site: 3600 FM 487, Jarrell, TX, 76537

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

**Staple Check or Money Order in This Space**

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

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

**Transaction Information**

**Trace Number:** 582EA000623490  
**Date:** 08/28/2024 09:46 PM  
**Payment Method:** ACH - Authorization 0081259274  
**ePay Actor:** SARA WILLIAMS  
**Actor Email:** swilliams@kpaengineers.com  
**IP:** 209.112.228.29  
**TCEQ Amount:** \$2,015.00  
**Texas.gov Price:** \$2,015.00\*

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

**Payment Contact Information**

**Name:** LANDON KASBERG  
**Company:** KASBERG PATRICK & ASSOCIATES  
**Address:** 19 N MAIN ST, TEMPLE, TX 76501  
**Phone:** 254-773-3731

**Cart Items**

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
<a href="#">719269</a>	WW PERMIT - FACILITY WITH FLOW >= 1.0 MGD - RENEWAL		\$2,000.00
<a href="#">719270</a>	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		\$15.00
		<b>TCEQ Amount:</b>	\$2,015.00

[ePay Again](#)   [Exit ePay](#)

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

# DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

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

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

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

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

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

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

**Things to Know:**

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

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

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

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

Plain Language Summary  Yes



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

**DOMESTIC WASTEWATER PERMIT APPLICATION  
TECHNICAL REPORT 1.0**

---

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

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

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

**A. Existing/Interim I Phase**

Design Flow (MGD): 1.0

2-Hr Peak Flow (MGD): 3.5

Estimated construction start date: 2010

Estimated waste disposal start date: 2010

**B. Interim II Phase**

Design Flow (MGD): 2.0

2-Hr Peak Flow (MGD): 7.0

Estimated construction start date: 2021

Estimated waste disposal start date: 2021

**C. Final Phase**

Design Flow (MGD): 4.0

2-Hr Peak Flow (MGD): 14.0

Estimated construction start date: N/A

Estimated waste disposal start date: N/A

**D. Current Operating Phase**

Provide the startup date of the facility: 2010

**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.**

**Activated Sludge – Conventional Treatment. Treatment units include Automatic Step Screen and Bar Screen, Aeration Basins, Aerators and Diffusers, Clarifiers & Aerobic Digester, Sludge Thickener.**

## 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)
Grit Chamber	2	16' x 16' x 18'
Aeration Basin	2	72' x 60' x 16'
Clarifier	2	60' x 16' SWD
Digester	1	26' x 13' x 15'
Chlorine Contact Chamber	2	23.3' x 16' x 16'
Filter Basin	2	46.5' x 20' x 9.25'
NPW Basin	1	16' x 20' x 10'
Sludge Thickener	1	45' x 16' SWD

## C. Process Flow Diagram

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

**Attachment:** Exhibit C – Process Flow Diagram (Interim II Operating Phase)

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

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

- Latitude: 30.8241539
- Longitude: -97.5456105

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

- Latitude: Click to enter text.
- Longitude: Click to enter text.

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:** Exhibit D – Site Drawing & Service Area

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

City of Jarrell Wastewater Treatment Facility is contained within the current corporate limits of the City of Jarrell, TX, including some areas with water services provided by Sonterra - Cool Water, East Wood at Sonterra, and Jarrell-Schwertner Water Supply Corporation.

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
Donahoe Creek Wastewater	City of Jarrell	Publicly Owned	3,500
		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: Phase I – 2010; Phase II (Current) – December 4, 2020

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.**

Click to enter text.

### 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*.

Biosolids Monitoring is required bi-annually

**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.

Influent wastewater is pumped into two (2) grit chambers where it is treated using sedimentation. Once settled, grit from the chamber is treated through a classifier and disposed of in temporary storage bin, later hauled to the dumpster.

**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.

Grit is hauled to and disposed of in dumpster.
--

**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.

Decanted liquid is recycled back to lift station and disposed with grit in dumpster.
--

**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. [Click to enter text.](#)

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

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

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

Yes  No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the sludge, and the design BOD<sub>5</sub> concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

[Click to enter text.](#)

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

##### 2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

Yes  No

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

Yes  No

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

Yes  No

If **yes to any of the above**, provide the date the plant started or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD<sub>5</sub> concentration of the septic waste, and the design BOD<sub>5</sub> 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.

**Table 1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities**

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

\*TPDES permits only

†TLAP permits only

**Table 1.0(3) – Pollutant Analysis for Water Treatment Facilities**

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

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

Facility Operator Name: James Wills

Facility Operator's License Classification and Level: Wastewater Treatment Operator A

## 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 ( $\geq$  2 years)
- Methane or Biogas Recovery
- Other Treatment Process: Click to enter text.

**C. Biosolids Management**

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

**Biosolids Management**

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Bulk		Class B: Density of Fecal Coliform	Option 3: Lab demonstration of volatile solids reduction aerobically
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: Austin Wastewater Processing Facility

TCEQ permit or registration number: RN107407124

County where disposal site is located: Travis

**E. Transportation method**

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

Name of the hauler: Wastewater Transport Services

Hauler registration number: RN106068307

Sludge is transported as a:

Liquid     semi-liquid     semi-solid     solid

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

**A. Beneficial use authorization**

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

Yes     No

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

Yes  No

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

Yes  No

## B. Sludge processing authorization

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

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

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

Yes  No

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

Does this facility include sewage sludge lagoons?

Yes  No

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

### A. Location information

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

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

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

- Overlap a designated 100-year frequency flood plain
- Soils with flooding classification

- Overlap an unstable area
- Wetlands
- Located less than 60 meters from a fault
- None of the above

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

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

[Click to enter text.](#)

## B. Temporary storage information

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Provide the following information:

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

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

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

**C. Liner information**

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

- Yes  No

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

Click to enter text.

**D. Site development plan**

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

Click to enter text.

Attach the following documents to the application.

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

**E. Groundwater monitoring**

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

- Yes  No

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

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

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

### A. Additional authorizations

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

Yes  No

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

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:

[Click to enter text.](#)

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

### A. RCRA hazardous wastes

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

Yes  No

**B. Remediation activity wastewater**

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

Yes  No

**C. Details about wastes received**

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

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

## Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

### CERTIFICATION:

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

Printed Name: Jordan Cantu

Title: Public Works Director

Lab Test Results Coming Soon.  
Will Sign once Included.

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

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

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

Yes  No

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

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

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

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

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

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

Does the facility discharge into tidally affected waters?

Yes  No

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

### A. Receiving water outfall

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

### B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

Yes  No

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

[Click to enter text.](#)

### C. Sea grasses

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

Yes  No

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

[Click to enter text.](#)

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

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

- Yes  No

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

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

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

Name of the immediate receiving waters: Donahoe Creek

#### A. Receiving water type

Identify the appropriate description of the receiving waters.

- Stream  
 Freshwater Swamp or Marsh  
 Lake or Pond

Surface area, in acres: Click to enter text.

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

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

- Man-made Channel or Ditch  
 Open Bay  
 Tidal Stream, Bayou, or Marsh  
 Other, specify: Click to enter text.

#### B. Flow characteristics

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

- Intermittent - dry for at least one week during most years  
 Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses  
 Perennial - normally flowing

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

- USGS flow records  
 Historical observation by adjacent landowners  
 Personal observation  
 Other, specify: Click to enter text.

**C. Downstream perennial confluences**

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

N/A

**D. Downstream characteristics**

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

- Yes  No

If yes, discuss how.

Click to enter text.

**E. Normal dry weather characteristics**

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

Click to enter text.

Date and time of observation: [Click to enter text.](#)

Was the water body influenced by stormwater runoff during observations?

- Yes  No

**Section 5. General Characteristics of the Waterbody (Instructions Page 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 checked="" type="checkbox"/> Urban runoff                                 |
| <input type="checkbox"/> Upstream discharges  | <input checked="" type="checkbox"/> Agricultural runoff                          |
| <input type="checkbox"/> Septic tanks         | <input type="checkbox"/> Other(s), specify: <a href="#">Click to enter text.</a> |

## B. Waterbody uses

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

- |  |  |
|--|--|
| <input checked="" 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: <a href="#">Click to enter text.</a> |

## C. Waterbody aesthetics

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

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

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

## Section 1. Toxic Pollutants (Instructions Page 78)

For pollutants identified in Table 4.0(1), indicate the type of sample.

Grab  Composite

Date and time sample(s) collected: **TBD**

**Table 4.0(1) – Toxics Analysis**

Pollutant	AVG Effluent Conc. (µg/l)	MAX Effluent Conc. (µg/l)	Number of Samples	MAL (µg/l)
Acrylonitrile				50
Aldrin				0.01
Aluminum				2.5
Anthracene				10
Antimony				5
Arsenic				0.5
Barium				3
Benzene				10
Benzidine				50
Benzo(a)anthracene				5
Benzo(a)pyrene				5
Bis(2-chloroethyl)ether				10
Bis(2-ethylhexyl)phthalate				10
Bromodichloromethane				10
Bromoform				10
Cadmium				1
Carbon Tetrachloride				2
Carbaryl				5
Chlordane*				0.2
Chlorobenzene				10
Chlorodibromomethane				10

<b>Pollutant</b>	<b>AVG Effluent Conc. (µg/l)</b>	<b>MAX Effluent Conc. (µg/l)</b>	<b>Number of Samples</b>	<b>MAL (µg/l)</b>
Chloroform				10
Chlorpyrifos				0.05
Chromium (Total)				3
Chromium (Tri) (*1)				N/A
Chromium (Hex)				3
Copper				2
Chrysene				5
p-Chloro-m-Cresol				10
4,6-Dinitro-o-Cresol				50
p-Cresol				10
Cyanide (*2)				10
4,4'- DDD				0.1
4,4'- DDE				0.1
4,4'- DDT				0.02
2,4-D				0.7
Demeton (O and S)				0.20
Diazinon				0.5/0.1
1,2-Dibromoethane				10
m-Dichlorobenzene				10
o-Dichlorobenzene				10
p-Dichlorobenzene				10
3,3'-Dichlorobenzidine				5
1,2-Dichloroethane				10
1,1-Dichloroethylene				10
Dichloromethane				20
1,2-Dichloropropane				10
1,3-Dichloropropene				10
Dicofol				1
Dieldrin				0.02
2,4-Dimethylphenol				10
Di-n-Butyl Phthalate				10
Diuron				0.09
Endosulfan I (alpha)				0.01

<b>Pollutant</b>	<b>AVG Effluent Conc. (µg/l)</b>	<b>MAX Effluent Conc. (µg/l)</b>	<b>Number of Samples</b>	<b>MAL (µg/l)</b>
Endosulfan II (beta)				0.02
Endosulfan Sulfate				0.1
Endrin				0.02
Ethylbenzene				10
Fluoride				500
Guthion				0.1
Heptachlor				0.01
Heptachlor Epoxide				0.01
Hexachlorobenzene				5
Hexachlorobutadiene				10
Hexachlorocyclohexane (alpha)				0.05
Hexachlorocyclohexane (beta)				0.05
gamma-Hexachlorocyclohexane (Lindane)				0.05
Hexachlorocyclopentadiene				10
Hexachloroethane				20
Hexachlorophene				10
Lead				0.5
Malathion				0.1
Mercury				0.005
Methoxychlor				2
Methyl Ethyl Ketone				50
Mirex				0.02
Nickel				2
Nitrate-Nitrogen				100
Nitrobenzene				10
N-Nitrosodiethylamine				20
N-Nitroso-di-n-Butylamine				20
Nonylphenol				333
Parathion (ethyl)				0.1
Pentachlorobenzene				20
Pentachlorophenol				5
Phenanthrene				10

<b>Pollutant</b>	<b>AVG Effluent Conc. (µg/l)</b>	<b>MAX Effluent Conc. (µg/l)</b>	<b>Number of Samples</b>	<b>MAL (µg/l)</b>
Polychlorinated Biphenyls (PCB's) (*3)				0.2
Pyridine				20
Selenium				5
Silver				0.5
1,2,4,5-Tetrachlorobenzene				20
1,1,2,2-Tetrachloroethane				10
Tetrachloroethylene				10
Thallium				0.5
Toluene				10
Toxaphene				0.3
2,4,5-TP (Silvex)				0.3
Tributyltin (see instructions for explanation)				0.01
1,1,1-Trichloroethane				10
1,1,2-Trichloroethane				10
Trichloroethylene				10
2,4,5-Trichlorophenol				50
TTHM (Total Trihalomethanes)				10
Vinyl Chloride				10
Zinc				5

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

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

(\*3) The sum of seven PCB congeners 1242, 1254, 1221, 1232, 1248, 1260, and 1016.

## Section 2. Priority Pollutants

For pollutants identified in Tables 4.0(2)A-E, indicate type of sample.

Grab

Composite

Date and time sample(s) collected: **TBD**

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

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

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

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

**Table 4.0(2)B – Volatile Compounds**

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

**Table 4.0(2)C – Acid Compounds**

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

**Table 4.0(2)D – Base/Neutral Compounds**

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

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

**Table 4.0(2)E - Pesticides**

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

\* For PCBs, if all are non-detects, enter the highest non-detect preceded by a "<".

### Section 3. Dioxin/Furan Compounds

A. Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply.

- 2,4,5-trichlorophenoxy acetic acid  
Common Name 2,4,5-T, CASRN 93-76-5
- 2-(2,4,5-trichlorophenoxy) propanoic acid  
Common Name Silvex or 2,4,5-TP, CASRN 93-72-1
- 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate  
Common Name Erbon, CASRN 136-25-4
- 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate  
Common Name Ronnel, CASRN 299-84-3
- 2,4,5-trichlorophenol  
Common Name TCP, CASRN 95-95-4
- hexachlorophene  
Common Name HCP, CASRN 70-30-4

For each compound identified, provide a brief description of the conditions of its/their presence at the facility.

[Click to enter text.](#)

B. Do you know or have any reason to believe that 2,3,7,8 Tetrachlorodibenzo-P-Dioxin (TCDD) or any congeners of TCDD may be present in your effluent?

- Yes  No

If **yes**, provide a brief description of the conditions for its presence.

[Click to enter text.](#)

C. If any of the compounds in Subsection A **or** B are present, complete Table 4.0(2)F.

For pollutants identified in Table 4.0(2)F, indicate the type of sample.

Grab  Composite

Date and time sample(s) collected: [Click to enter text.](#)

**Table 4.0(2)F – Dioxin/Furan Compounds**

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

# DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

## Section 1. All POTWs (Instructions Page 89)

### A. Industrial users (IUs)

Provide the number of each of the following types of industrial users (IUs) that discharge to your POTW and the daily flows from each user. See the Instructions for definitions of Categorical IUs, Significant IUs - non-categorical, and Other IUs.

**If there are no users, enter 0 (zero).**

Categorical IUs:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

Significant IUs - non-categorical:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

Other IUs:

Number of IUs: 0

Average Daily Flows, in MGD: Click to enter text.

### B. Treatment plant interference

In the past three years, has your POTW experienced treatment plant interference (see instructions)?

Yes  No

**If yes**, identify the dates, duration, description of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IUs that may have caused the interference.

Click to enter text.

**C. Treatment plant pass through**

In the past three years, has your POTW experienced pass through (see instructions)?

Yes  No

If yes, identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.

Click to enter text.

**D. Pretreatment program**

Does your POTW have an approved pretreatment program?

Yes  No

If yes, complete Section 2 only of this Worksheet.

Is your POTW required to develop an approved pretreatment program?

Yes  No

If yes, complete Section 2.c. and 2.d. only, and skip Section 3.

If no to either question above, skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.

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

**A. Substantial modifications**

Have there been any **substantial modifications** to the approved pretreatment program that have not been submitted to the TCEQ for approval according to *40 CFR §403.18*?

Yes  No

If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

**B. Non-substantial modifications**

Have there been any **non-substantial modifications** to the approved pretreatment program that have not been submitted to TCEQ for review and acceptance?

- Yes  No

If yes, identify all non-substantial modifications that have not been submitted to TCEQ, including the purpose of the modification.

Click to enter text.

**C. Effluent parameters above the MAL**

In Table 6.0(1), list all parameters measured above the MAL in the POTW’s effluent monitoring during the last three years. Submit an attachment if necessary.

**Table 6.0(1) – Parameters Above the MAL**

Pollutant	Concentration	MAL	Units	Date

**D. Industrial user interruptions**

Has any SIU, CIU, or other IU caused or contributed to any problems (excluding interferences or pass throughs) at your POTW in the past three years?

- Yes  No

If **yes**, identify the industry, describe each episode, including dates, duration, description of the problems, and probable pollutants.

Click to enter text.

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

### A. General information

Company Name: [Click to enter text.](#)

SIC Code: [Click to enter text.](#)

Contact name: [Click to enter text.](#)

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

City, State, and Zip Code: [Click to enter text.](#)

Telephone number: [Click to enter text.](#)

Email address: [Click to enter text.](#)

### B. Process information

Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).

[Click to enter text.](#)

### C. Product and service information

Provide a description of the principal product(s) or services performed.

[Click to enter text.](#)

### D. Flow rate information

See the Instructions for definitions of “process” and “non-process wastewater.”

Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type:  Continuous  Batch  Intermittent

Non-Process Wastewater:

Discharge, in gallons/day: [Click to enter text.](#)

Discharge Type:  Continuous  Batch  Intermittent

**E. Pretreatment standards**

Is the SIU or CIU subject to technically based local limits as defined in the instructions?

Yes  No

Is the SIU or CIU subject to categorical pretreatment standards found in *40 CFR Parts 405-471*?

Yes  No

**If subject to categorical pretreatment standards**, indicate the applicable category and subcategory for each categorical process.

Category: Subcategories: [Click to enter text.](#)

[Click or tap here to enter text.](#) [Click to enter text.](#)

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

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

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

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

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

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

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

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

**F. Industrial user interruptions**

Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?

Yes  No

**If yes**, identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.

[Click to enter text.](#)



# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 602777716		RN 104515887

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)	
<input type="checkbox"/> New Customer		<input type="checkbox"/> Update to Customer Information	
<input type="checkbox"/> Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)		<input type="checkbox"/> Change in Regulated Entity Ownership	
<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>			
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)		<i>If new Customer, enter previous Customer below:</i>	
City of Jarrell			
<b>7. TX SOS/CPA Filing Number</b>	<b>8. TX State Tax ID</b> (11 digits)	<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
<b>11. Type of Customer:</b>	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input checked="" 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:	
<b>12. Number of Employees</b>		<b>13. Independently Owned and Operated?</b>	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (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			
<b>15. Mailing Address:</b>	161 Town Center Boulevard		
	<b>City</b>	Jarrell	<b>State</b> TX <b>ZIP</b> 76537 <b>ZIP + 4</b> 4003
<b>16. Country Mailing Information</b> (if outside USA)		<b>17. E-Mail Address</b> (if applicable)	
<b>18. Telephone Number</b>		<b>19. Extension or Code</b>	<b>20. Fax Number</b> (if applicable)
( 512 ) 746-4593			( 512 ) 746-2052

## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (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>							
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)							
City of Jarrell							
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)							
	<b>City</b>	Jarrell	<b>State</b>	TX	<b>ZIP</b>	76537	<b>ZIP + 4</b>
<b>24. County</b>	Williamson						

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

<b>25. Description to Physical Location:</b>	Located on Farm-to-Market Road 487, approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-Market Road 487 in Williamson County, Texas 76537.							
<b>26. Nearest City</b>	Jarrell				<b>State</b>	TX	<b>Nearest ZIP Code</b>	76537
<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>								
<b>27. Latitude (N) In Decimal:</b>	30.823762			<b>28. Longitude (W) In Decimal:</b>	-97.547025			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30	49	26	-97	32	49			
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)			
4952			221320					
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)								
Wastewater treatment facility								
<b>34. Mailing Address:</b>	161 Town Center Boulevard							
	<b>City</b>	Jarrell	<b>State</b>	TX	<b>ZIP</b>	76537	<b>ZIP + 4</b>	4003
<b>35. E-Mail Address:</b>								
<b>36. Telephone Number</b>	<b>37. Extension or Code</b>			<b>38. Fax Number</b> (if applicable)				
( 512 ) 746-4593				( 512 ) 746-2052				

**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:
	RN 104515887			

**SECTION IV: Preparer Information**

<b>40. Name:</b>	Alvin R. Sutton III, PE	<b>41. Title:</b>	Project Manager
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>
( 512 ) 819-9478		( 254 ) 773-6667	tsutton@kpaengineers.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.

<b>Company:</b>	Kasberg, Patrick & Associates, LP	<b>Job Title:</b>	Project Manager
<b>Name (In Print):</b>	Alvin R. Sutton III, PE	<b>Phone:</b>	( 512 ) 819- 9478
<b>Signature:</b>		<b>Date:</b>	9/26/2024

# 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](mailto:WQ-ARPTeam@tceq.texas.gov) or by phone at (512) 239-4671.

The following applies to all applications:

1. Permittee: City of Jarrell

Permit No. WQ00 14594001

EPA ID No. TX 0127698

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

Located on Farm-to-Market Road 487, approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-Market Road 487 in Williamson County, Texas 76537.

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): Mrs.

First and Last Name: Jordan Cantu

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

Title: Public Works Director

Mailing Address: 161 Town Center Boulevard

City, State, Zip Code: Jarrell, Texas, 76537

Phone No.: (512)-746-4593 Ext.: 127 Fax No.: (512)-746-2052

E-mail Address: j.cantu@cityofjarrell.com

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

N/A

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

The discharge route leaves the southeast corner of the treatment plant site and heads due south approximately 150 feet into a tributary of Donahoe Creek, then travels approximately 38 miles due northeast and feeds into Little River, Segment No. 1213.

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:

Donahoe Creek contains a rocky shale bottom channel with typical vegetated overbanks for both immediate upstream and downstream conditions.

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:

Interim I Phase - Constructed 2010, Interim II Phase - Constructed 2021

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

Prior to 2010, the land was used for agricultural purposes. Since 2010, the site has been used for wastewater treatment serving the corporate limits of Jarrell. Construction plans, designed by MRB Group and approved in 2020, have been completely constructed.



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

City of Jarrell (CN 602777716) operates City of Jarrell Wastewater Treatment Facility (RN 104515887), a wastewater treatment facility servicing the corporate limits of the City of Jarrell including some areas with water services provided by Sonterra - Cool Water, East Wood at Sonterra, and Jarrell Schwertner Water Supply Corporation. The facility is located at Farm-to-Market Road 487, approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-Market Road 487, in Jarrell, Williamson County, Texas 76537. Application request is for the renewal of the current wastewater discharge permit, transition of the facility to the Interim II Phase, and amending the current facility operator within the existing permit.

Discharges from the facility are expected to contain CBOD5, TSS, Ammonia Nitrogen, Nitrate Nitrogen, TKN, Sulfate, Chloride, Total Phosphorus, pH, Dissolved Oxygen, Chlorine Residual, E. coli, TDS, Electrical Conductivity, Oil & Grease, and Alkalinity. Municipal wastewater is treated by Waste Activated Sludge (WAS) followed by Clarification and Chlorine Disinfection.

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

### AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES

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

Ciudad de Jarrell (CN 602777716) opera la instalación de tratamiento de aguas residuales de la ciudad de Jarrell (RN104515887), una instalación de tratamiento de aguas residuales que presta servicio a los límites corporativos de la ciudad de Jarrell, incluidas algunas áreas con servicios de agua proporcionados por Sonterra - Cool Water, East Wood at Sonterra y Jarrell Schwertner Water Supply Corporation.. La instalación está ubicada en Farm-to-Market Road 487, aproximadamente a 5,190 pies al este-sureste de la intersección de County Road 303 y Farm-to-Market Road 487, en Jarrell, Condado de Williamson, Texas 76537. La solicitud de solicitud es para la renovación del permiso actual de descarga de aguas residuales, la transición de la instalación a la Fase Interina II y la modificación del operador actual de la instalación dentro del permiso existente.

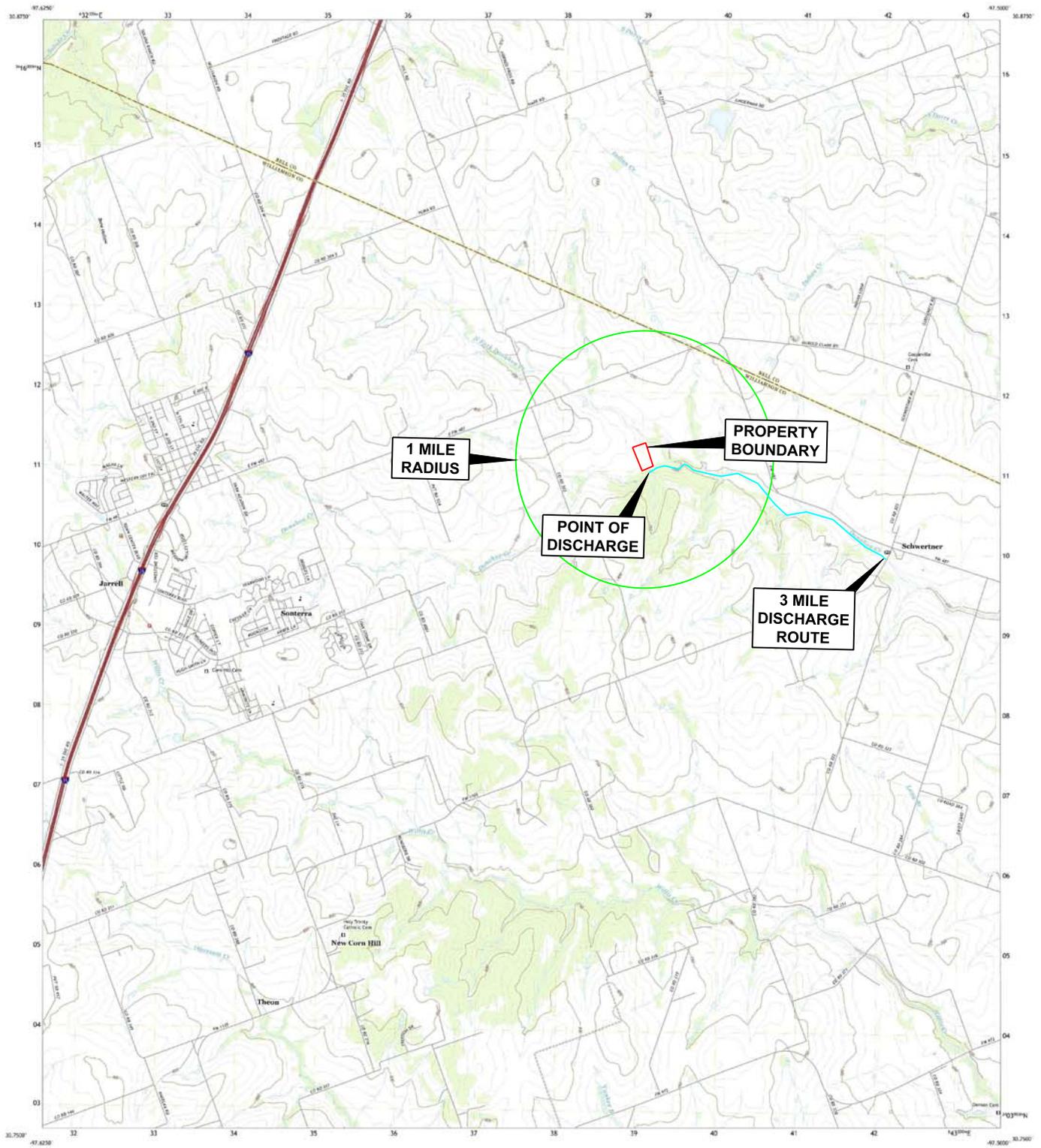
Se espera que las descargas de la instalación contengan Demanda Bioquímica de Oxígeno Carbonoso (CBOD5), Sólidos Totalmente Suspendidos (TSS), Nitrógeno Amónico, Nitrógeno Nitrato, Nitrógeno Kjeldahl Total (TKN), Sulfato, Cloruro, Fósforo Total, pH, Oxígeno Disuelto, Residual de Cloro, E. coli, Sólidos Disueltos Totales (TDS), Conductividad Eléctrica, Aceite y Grasa, y Alcalinidad. Aguas residuales municipales. está tratado por Lodos Activados de Residuos (WAS) seguido de Clarificación y Desinfección con Cloro.

# EXHIBIT A

Original Full Size USGS Topographic Map (7.5-Minute Series)

Jarrell, Texas Quadrangle

(Domestic Wastewater Permit Administrative Report 1.0, Section 13)



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
Map Scale: 1:24,000  
This map is based on digital data from the National Wetlands Inventory, Version 1.0. It is not intended for use as a legal document. Boundary lines are generalized for this map scale. Private lands within government ownership may not be shown. Obtain permission before making private lands.

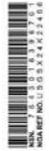


**ROAD CLASSIFICATION**

Expressway	Local Connector
Secondary Hwy	Local Road
Highway	Highway
Expressway	US Route
	State Road

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

JARRELL, TX  
2022



# EXHIBIT B

Original Full Size USGS Topographic Map (7.5-Minute Series)

One-Mile Downstream

Jarrell, Texas Quadrangle

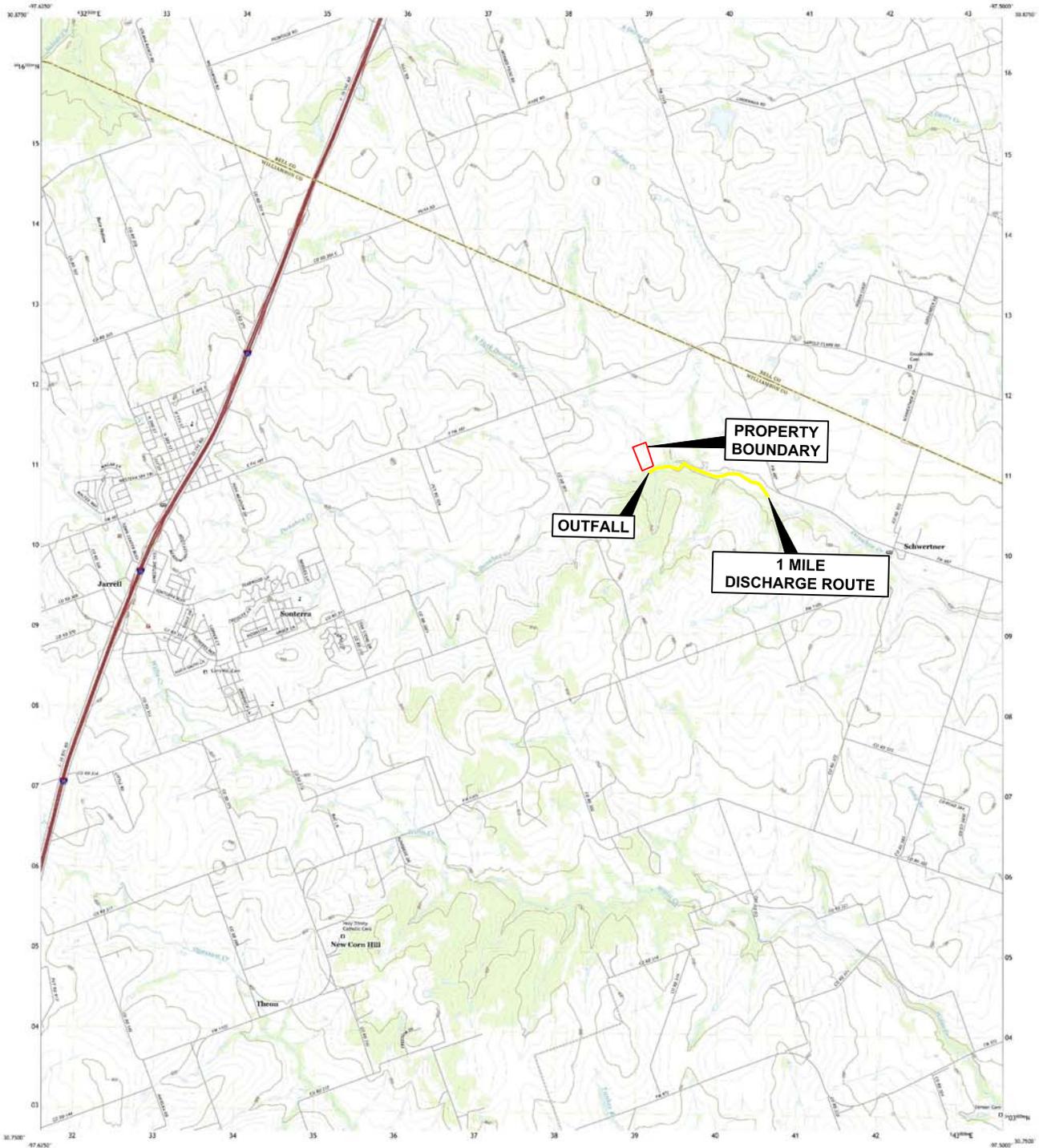
(Supplemental Permit Information Form (SPIF), Item 5)



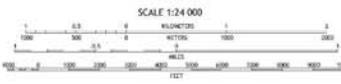
U.S. DEPARTMENT OF THE INTERIOR  
U.S. GEOLOGICAL SURVEY



JARRELL QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84)  
This map was produced in accordance with the National Map Accuracy Standards, 1965 Edition.  
This map was produced in accordance with the National Map Accuracy Standards, 1965 Edition.  
This map was produced in accordance with the National Map Accuracy Standards, 1965 Edition.



1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

**ROAD CLASSIFICATION**

Expressway	Local Collector
Secondary Hwy	Local Road
Route	MSD
Interstate Route	US Route
	State Route

JARRELL, TX  
2022



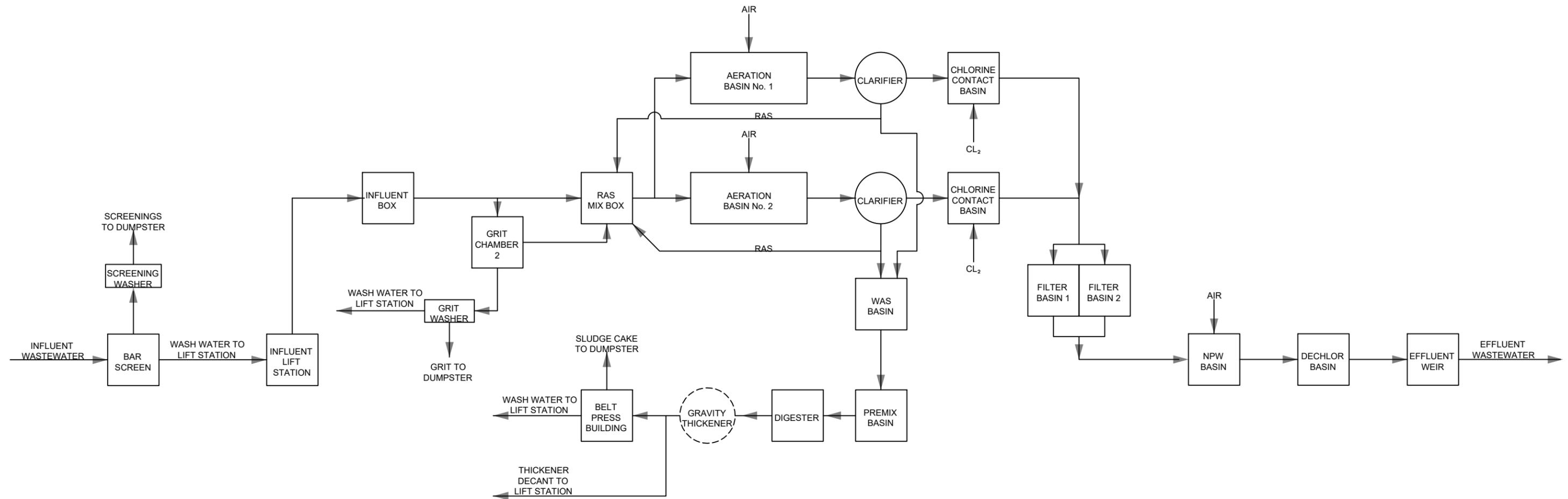
# EXHIBIT C

Jarrell Wastewater Treatment Facility

Process Flow Diagram

(Interim II Operating Phase)

(Domestic Wastewater Permit Administrative Report 1.0, Section 2 – Item C)



**LEGEND**

- PROPOSED
- EXISTING
- - - - -** SOLIDS PROCESS
- - - - -** FUTURE

<b>CITY OF JARRELL WWTP DISCHARGE PERMIT RENEWAL</b>	
<b>WASTEWATER TREATMENT FACILITY PROCESS FLOW DIAGRAM</b>	
<b>KASBERG, PATRICK &amp; ASSOCIATES, LP</b> <small>CONSULTING ENGINEERS          GEORGETOWN, TEXAS 78626          kpaengineers.com</small>	
<b>AUGUST 2024</b>	<b>EXHIBIT C</b>

# EXHIBIT D

## Jarrell Wastewater Treatment Facility Site Drawing & Service Area

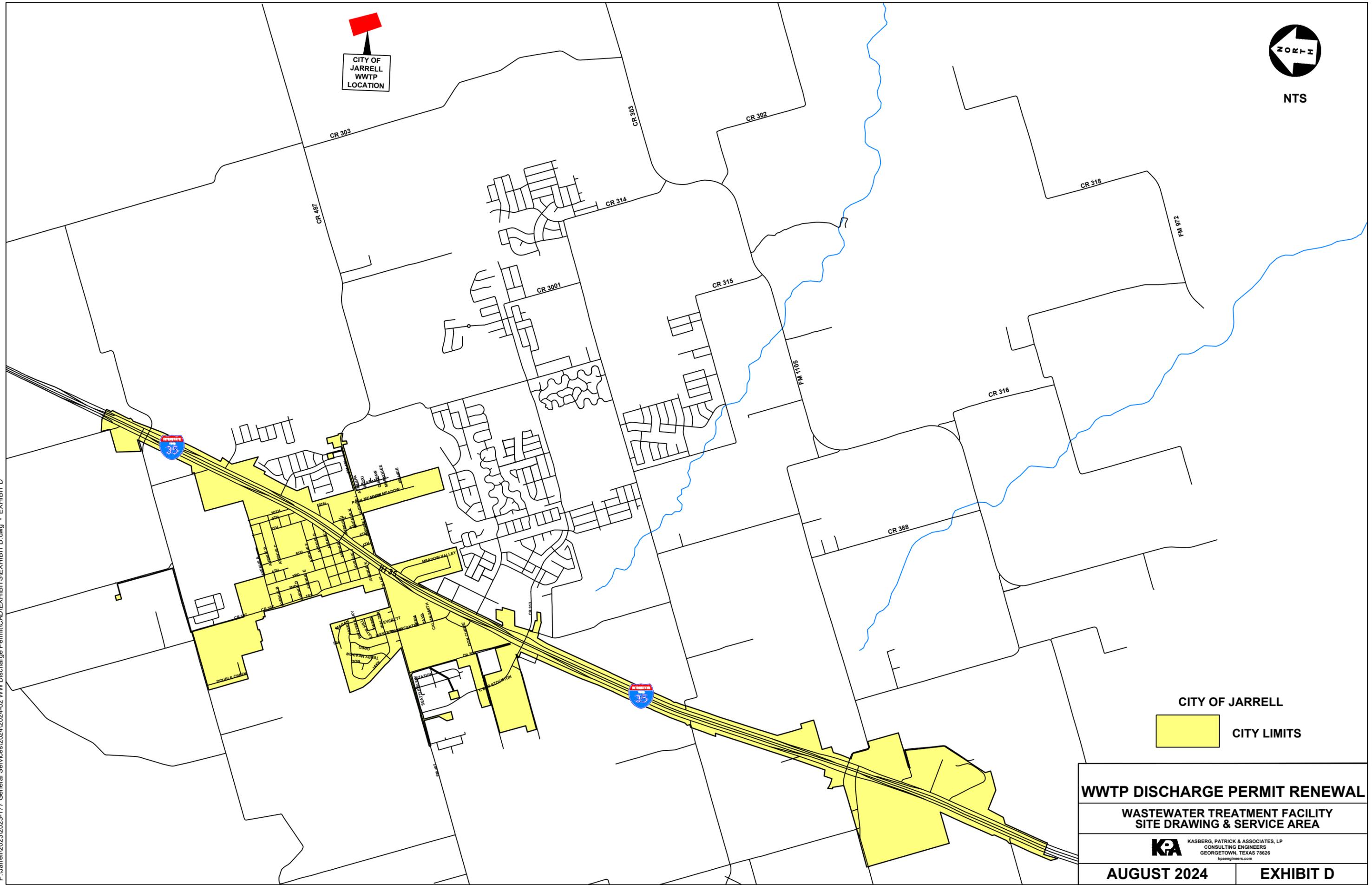
(Technical Report 1.0, Section 3)



CITY OF JARRELL  
WWTP  
LOCATION



NTS



CITY OF JARRELL



CITY LIMITS

**WWTP DISCHARGE PERMIT RENEWAL**

**WASTEWATER TREATMENT FACILITY  
SITE DRAWING & SERVICE AREA**



KASBERG, PATRICK & ASSOCIATES, LP  
CONSULTING ENGINEERS  
GEORGETOWN, TEXAS 78626  
kpsengineers.com

**AUGUST 2024**

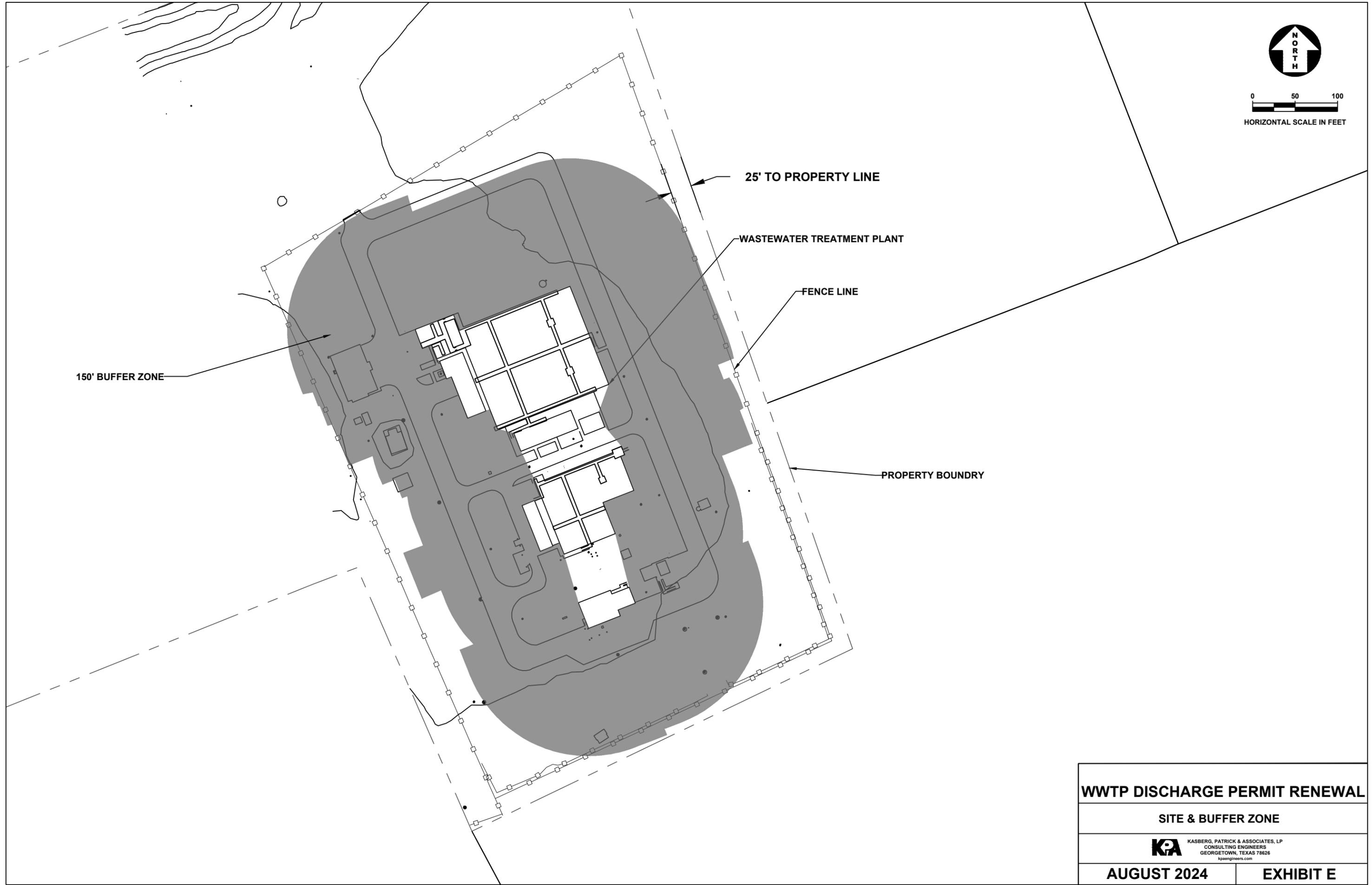
**EXHIBIT D**

# EXHIBIT E

## Facility Jarrell Wastewater Treatment Facility Site & Buffer Zone Map

(Domestic Technical Report 1.0, Sections 3 & 6)

P:\jarrell\2023\2023-177 General Services\2024\2024-02 WW Discharge Permit\CAD\EXHIBITS\EXHIBIT E.dwg - EXHIBIT E



150' BUFFER ZONE

25' TO PROPERTY LINE

WASTEWATER TREATMENT PLANT

FENCE LINE

PROPERTY BOUNDARY

<b>WWTP DISCHARGE PERMIT RENEWAL</b>	
<b>SITE &amp; BUFFER ZONE</b>	
 <b>KASBERG, PATRICK &amp; ASSOCIATES, LP</b> CONSULTING ENGINEERS GEORGETOWN, TEXAS 78626 <small>kpaengineers.com</small>	
<b>AUGUST 2024</b>	<b>EXHIBIT E</b>

**APPENDIX A**  
Original Photographs  
Including  
Effluent Discharge Photos

(Domestic Administrative Report 1.0, Section 2)

# City of Jarrell, Texas



## **Wastewater Treatment Facility Original Photographs**

Prepared By



**KASBERG, PATRICK & ASSOCIATES, LP**

CONSULTING ENGINEERS

TEMPLE, TEXAS

AUGUST 2024

## **TABLE OF PHOTOGRAPHS**

<i>Photo 1.0: Looking Southeast at Headworks and Clarifiers</i>	3
<i>Photo 2.0: Three (3) New - 4" Airlift Pumps in WAS Basin</i>	3
<i>Photo 3.0: 10" Airlift Pumps in Rapid Mix Basin, Looking South</i>	4
<i>Photo 4.0: Clarifier 2 HDG Trough Access Ladders, Looking South</i>	4
<i>Photo 5.0: Full View of Clarifier 2, Looking Southeast</i>	5
<i>Photo 6.0: Looking South, Clarifier 1 Train (Western View) &amp; Aeration Basin 1 Improvements with 10" Air Bridge Supports &amp; 1" Air Drops</i>	6
<i>Photo 7.0: Clarifier 1 Train Improvements (Middle View), Looking South</i>	6
<i>Photo 8.0: Clarifier 1 Train Improvements, Looking Southeast</i>	7
<i>Photo 11.0: Example of Existing Filter Basin 1 Cloth Media Filter (Not an Improvement)</i>	8
<i>Photo 12.0: Filter Basins at Ground Level</i>	9
<i>Photo 13: NPW Basin With New Plate Aerators</i>	9
<i>Photo 14.0: Electrical Improvements</i>	10
<i>Photo 15.0: Roof Improvements Over Belt Press Facility</i>	10
<i>Photo 16.0: Looking Down Wet Well of Lift Station</i>	11
<i>Photo 17.0: View Towards Lift Station (Center of Image) and Belt Press (Left of Image) From Southeast Corner of The Property</i>	11
<i>Photo 18.0: Outfall Looking Downstream</i>	12
<i>Photo 19.0: Outfall Looking Downstream (Northeastern Direction)</i>	13
<i>Photo 20.0: Outfall Looking Upstream (Southwestern Direction)</i>	13



*Photo 1.0: Looking Southeast at Headworks and Clarifiers*



*Photo 2.0: Three (3) New - 4" Airlift Pumps in WAS Basin  
(As Seen in Image, Two on Left and One on Outer Right)*



*Photo 3.0: 10" Airlift Pumps in Rapid Mix Basin, Looking South*



*Photo 4.0: Clarifier 2 HDG Trough Access Ladders, Looking South  
(Bottom Left of Image)*



*Photo 5.0: Full View of Clarifier 2, Looking Southeast*

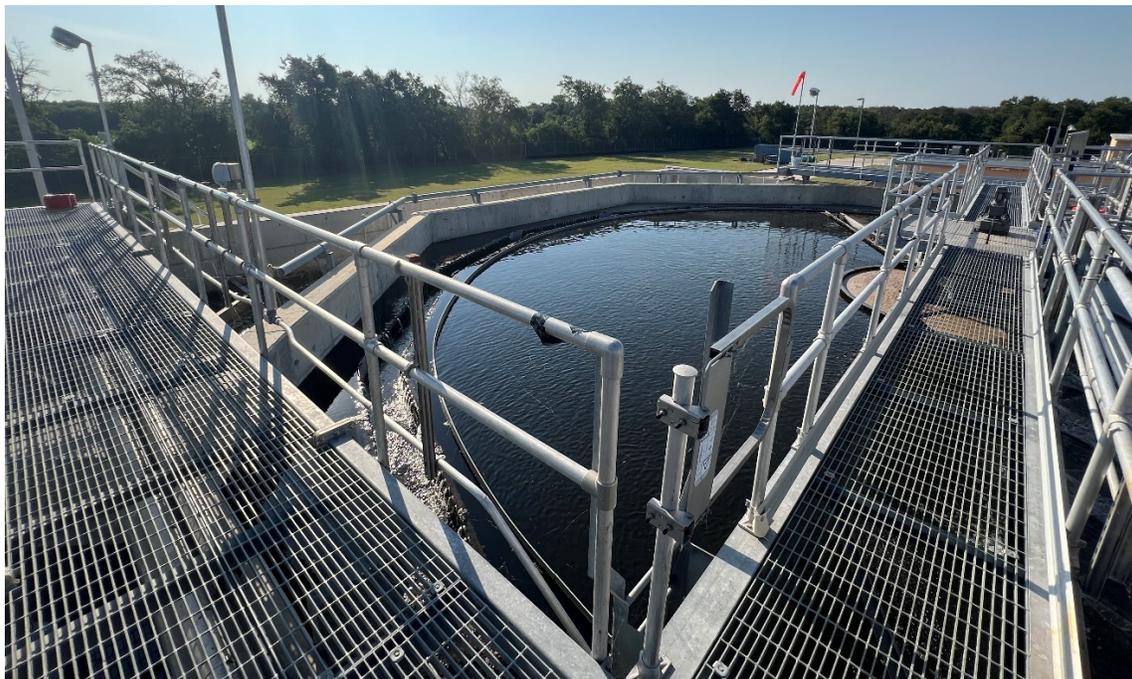
*(See [Photo 4.0](#): Clarifier 2 HDG Trough Access Ladders, Looking South For Improvements)*



*Photo 6.0: Looking South, Clarifier 1 Train (Western View) & Aeration Basin 1 Improvements with 10” Air Bridge Supports & 1” Air Drops*



*Photo 7.0: Clarifier 1 Train Improvements (Middle View), Looking South*



*Photo 8.0: Clarifier 1 Train Improvements, Looking Southeast*



*Photo 9.0: Overview of Filter Basins with New Shade Cloth Structure*



*Photo 10.0: Filter Basin 2 Improvements with New Backwash Pumps, Piping and Valves;  
New Cloth Media Filter Unit, Looking Southeast*

*(Due to Flows in Image, Ref. Photo 11.0 for Equivalent Filter in Existing Filter Basin 1)*



*Photo 11.0: Example of Existing Filter Basin 1 Cloth Media Filter (Not an Improvement)*



*Photo 12.0: Filter Basins at Ground Level*



*Photo 13: NPW Basin With New Plate Aerators*



*Photo 14.0: Electrical Improvements*



*Photo 15.0: Roof Improvements Over Belt Press Facility*



*Photo 16.0: Looking Down Wet Well of Lift Station*



*Photo 17.0: View Towards Lift Station (Center of Image) and Belt Press (Left of Image)  
From Southeast Corner of The Property*



*Photo 18.0: Outfall Looking Downstream*



*Photo 19.0: Outfall Looking Downstream (Northeastern Direction)*



*Photo 20.0: Outfall Looking Upstream (Southwestern Direction)*

# APPENDIX B

## Pollutant Analysis of Treated Effluent Lab Results

(Technical Report 1.0, Section 7)

Lab Test Results Coming Soon.

# APPENDIX C

## Copy of Application Fee Payment

(Domestic Wastewater Permit Administrative Report 1.0, Sections 1 & Section 13)

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

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

**Transaction Information**

**Trace Number:** 582EA000623490  
**Date:** 08/28/2024 09:46 PM  
**Payment Method:** ACH - Authorization 0081259274  
**ePay Actor:** SARA WILLIAMS  
**Actor Email:** swilliams@kpaengineers.com  
**IP:** 209.112.228.29  
**TCEQ Amount:** \$2,015.00  
**Texas.gov Price:** \$2,015.00\*

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

**Payment Contact Information**

**Name:** LANDON KASBERG  
**Company:** KASBERG PATRICK & ASSOCIATES  
**Address:** 19 N MAIN ST, TEMPLE, TX 76501  
**Phone:** 254-773-3731

**Cart Items**

Click on the voucher number to see the voucher details.

Voucher	Fee Description	AR Number	Amount
<a href="#">719269</a>	WW PERMIT - FACILITY WITH FLOW >= 1.0 MGD - RENEWAL		\$2,000.00
<a href="#">719270</a>	30 TAC 305.53B WQ RENEWAL NOTIFICATION FEE		\$15.00
		<b>TCEQ Amount:</b>	\$2,015.00

[ePay Again](#)   [Exit ePay](#)

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

## Brandon Maldonado

---

**From:** Brandon Maldonado  
**Sent:** Tuesday, October 29, 2024 4:10 PM  
**To:** 'Landon Kasberg'  
**Subject:** RE: Application to Renew Permit NO. WQ0014954001 - Notice of Deficiency

Good afternoon,

I have received your missing attachments and have reviewed your responses. Your response to all items is sufficient and I will now move to admin complete this application.

Please let me know if you have any further questions

Regards,



**Brandon Maldonado**  
Texas Commission on Environmental  
Quality  
Water Quality Division  
512-239-4331  
[Brandon.Maldonado@tceq.texas.gov](mailto:Brandon.Maldonado@tceq.texas.gov)

How is our customer service? Fill out our online customer satisfaction survey at  
[www.tceq.texas.gov/customerurvey](http://www.tceq.texas.gov/customerurvey)

---

**From:** Landon Kasberg <lkasberg@kpaengineers.com>  
**Sent:** Tuesday, October 29, 2024 2:40 PM  
**To:** WQDecopy <WQDecopy@tceq.texas.gov>; Brandon Maldonado <Brandon.Maldonado@tceq.texas.gov>  
**Subject:** FW: Application to Renew Permit NO. WQ0014954001 - Notice of Deficiency

Brandon,

Please see email below for response to deficiencies No.1 for City of Jarrell WWTF Discharge Permit Renewal Application.

Thank You,

Landon



**Landon Kasberg, EIT**

Design Engineer  
19 North Main Street, Temple, TX 76501  
(254) 773-3731



---

**From:** Landon Kasberg  
**Sent:** Monday, October 14, 2024 8:48 AM  
**To:** [brandon.maldonado@tceq.gov](mailto:brandon.maldonado@tceq.gov); [WQDeCopy@tceq.texas.gov](mailto:WQDeCopy@tceq.texas.gov)  
**Cc:** Trae Sutton <[Tsutton@kpaengineers.com](mailto:Tsutton@kpaengineers.com)>; [j.cantu@cityofjarrell.com](mailto:j.cantu@cityofjarrell.com); James Wills <[jwills@crossroadsus.com](mailto:jwills@crossroadsus.com)>  
**Subject:** Application to Renew Permit NO. WQ0014954001 - Notice of Deficiency

Good morning, Brandon,

Please see below emails for reference of this email.

On this email, please find attached transmittal letter & cover letter for the submitted responses to the City of Jarrell's WWTP Discharge Permit application's deficiencies.

Instructions within cover did not require hard copy submission. Please advise if anything is required to be submitted by Hard Copy.

Regards,

Landon



**Landon Kasberg, EIT**  
Design Engineer  
19 North Main Street • Temple, TX 76501  
☎ (254) 773-3731  
🌐 📱 📷 🌐

---

**From:** Jorge Hernandez  
**Sent:** Friday, October 4, 2024 7:34 AM  
**To:** Dennis Hendrix <[dhendrix@crossroadsus.com](mailto:dhendrix@crossroadsus.com)>; Stephen Pustejovsky <[S.Pustejovsky@cityofjarrell.com](mailto:S.Pustejovsky@cityofjarrell.com)>  
**Subject:** FW: Application to Renew Permit NO. WQ0014954001 - Notice of Deficiency Letter  
**Importance:** High

Team,

Good morning, please see attached TCEQ letter for action.

Regards,

**Jorge L. Hernández, P.E.**

City Engineer  
City of Jarrell



*“Leaders cannot be all things to all people; they don’t need to know everything; they can’t; that’s fundamentally why leaders build great teams. – Leadership first”*

**ATTENTION PUBLIC OFFICIALS:**

A "Reply All" of this e-mail could lead to violations of the Texas Open Meetings Act. Please reply only to the sender.

--CONFIDENTIALITY NOTICE--

Information in this communication is confidential and is intended only for the use of the individual or entity to which it is addressed. It may contain information that is privileged, confidential, for law enforcement purposes, and exempt from disclosure under applicable law. If you are not the intended recipient, you are hereby notified that you are not authorized to read, review, distribute or duplicate the information contained herein, and that any disclosure, distribution or duplication is strictly prohibited. If you have received this information in error, please notify the sender immediately at the above address.

**From:** Brandon Maldonado <[Brandon.Maldonado@tceq.texas.gov](mailto:Brandon.Maldonado@tceq.texas.gov)>

**Sent:** Tuesday, October 1, 2024 4:31 PM

**To:** Mayor Sherek <[p.sherek@cityofjarrell.com](mailto:p.sherek@cityofjarrell.com)>

**Cc:** Jordan Cantu <[j.cantu@cityofjarrell.com](mailto:j.cantu@cityofjarrell.com)>

**Subject:** Application to Renew Permit NO. WQ0014954001 - Notice of Deficiency Letter

**Importance:** High

Dear Mr. Sherek

The attached Notice of Deficiency (NOD) letter sent on **October 1, 2024**, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by **October 15, 2024**.

Please let me know if you have any questions.

Regards,



**Brandon Maldonado**

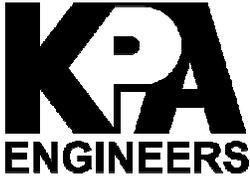
Texas Commission on Environmental  
Quality

Water Quality Division

512-239-4331

[Brandon.Maldonado@tceq.texas.gov](mailto:Brandon.Maldonado@tceq.texas.gov)

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



19 North Main Street • Temple, TX 76501 • (254) 773-3731  
800 South Austin Ave • Georgetown, TX 78626 • (512) 819-9478

October 14, 2024

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

RE: Application for Proposed Permit No.: WQ0014594001 (EPA I.D. No. TX0127698)  
Applicant Name: City of Jarrell (CN602777716)  
Site Name: City of Jarrell Wastewater Treatment Plant (RN104515887)  
Type of Application: Renewal without changes  
Response Letter to Deficiencies

Dear Mr. Maldonado:

This letter is in response to the letter dated October 1, 2024, concerning the deficiencies in the renewal application for the WWTP permit, owned by the City of Jarrell and operated by Crossroads Utility Services. As listed below, the original TCEQ inquiry is in black text and [responses in blue text](#):

1. Core Data Form

Section II, Item 17.- An email address was not provided. Please provide an updated core data form to include the missing information.

[Please find attached a Revised Core Data Form TCEQ-10400, containing updated Section II, Item 17, with an email address for Mr. Patrick Sherek, p.sherek@cityofjarrell.com.](#)

2. USGS Topological Map

The USGS map was missing the treatment facility boundaries. Please submit an updated USGS map to include the missing item.

[USGS Topographical Maps have been corrected to add topological treatment facility boundary lines, as depicted in the attached Exhibits A and B, originally found within the application's Administrative Report 1.0 and Supplemental Permit Information Firm \(SPIF\) sections.](#)

3. Plain Language Summary (PLS)

The Plain Language Summary (PLS), in English, did not include the flow variable and discharge information. Please provide an updated PLS to show this information. Please also update the Spanish PLS.

Please find attached revised TCEQ-20972 Plain Language Summary, with revisions in some of the existing verbiage. The Plain Language Summary is now complete with the flow variable, discharge information and route. This information was inadvertently left out in the initial submission.

4. NORI

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

**APPLICATION.** City of Jarrell, 161 Town Center Boulevard, Jarrell, Texas 76537, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0014594001 (EPA I.D. No. TX0127698) to authorize the discharge of treated wastewater at a volume not to exceed an annual average flow of 4,000,000 gallons per day. The domestic wastewater facility is located at (removed “~~Located on~~”) Farm-to-Market Road 487, approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-Market Road 487, near the city of Jarrell, in Williamson County, Texas 76537. The discharge route is from the plant site to Donahoe Creek, thence to Little River. TCEQ received this application on September 30, 2024. The permit application will be available for viewing and copying at City of Jarrell City Hall, Front Desk, 161 Town Center Boulevard, Jarrell, in Williamson County, Texas 76537, prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:  
<https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications>.  
This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.545555,30.825277&level=18>

Applications Review and Processing Team (MC148)  
Water Quality Division  
October 14, 2024  
Page Three

Further information may also be obtained from **the** City of Jarrell at the address stated above or by calling Mr. Patrick Sherek, Mayor, at (512)-746-4593.

We have reviewed the NORI and found minor errors that have been corrected, marked in **red** in the above paragraph(s). Thus, item no.5 seen below has been translated to Spanish in accordance with this revised paragraph above.

5. 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.

We have included a Microsoft Word document containing only the first and last paragraphs that were found within the sent Municipal Discharge Renewal Spanish NORI. Please communicate with us if the Microsoft Word document for the Spanish NORI is insufficient but foresee no issues. The Microsoft Word document for Spanish NORI still includes **red brackets** from the instructions for locations of user inputs. These red brackets are not part of the NORI and should be removed for final statement but are provided for your convenience in reviewing the submitted Spanish NORI.

We are available to discuss any additional questions or concerns, at your convenience. For questions or comments, please contact Trae Sutton at (254) 773-3731, or [tsutton@kpaengineers.com](mailto:tsutton@kpaengineers.com).

Sincerely,



Alvin R. "Trae" Sutton III, P.E., CFM

ARS/lck

xc: Ms. Jordan Cantu, City of Jarrell PWD  
Mr. James Wills, Crossroads Utility Services



# 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

<b>1. Reason for Submission</b> (If other is checked please describe in space provided.)		
<input type="checkbox"/> New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
<input checked="" type="checkbox"/> Renewal (Core Data Form should be submitted with the renewal form)		<input type="checkbox"/> Other
<b>2. Customer Reference Number</b> (if issued)	<a href="#">Follow this link to search for CN or RN numbers in Central Registry**</a>	<b>3. Regulated Entity Reference Number</b> (if issued)
CN 602777716		RN 104515887

## SECTION II: Customer Information

<b>4. General Customer Information</b>		<b>5. Effective Date for Customer Information Updates</b> (mm/dd/yyyy)	
<input 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>			
<b>6. Customer Legal Name</b> (If an individual, print last name first: eg: Doe, John)		If new Customer, enter previous Customer below:	
City of Jarrell			
<b>7. TX SOS/CPA Filing Number</b>	<b>8. TX State Tax ID</b> (11 digits)	<b>9. Federal Tax ID</b> (9 digits)	<b>10. DUNS Number</b> (if applicable)
<b>11. Type of Customer:</b>	<input type="checkbox"/> Corporation	<input type="checkbox"/> Individual	Partnership: <input type="checkbox"/> General <input type="checkbox"/> Limited
Government: <input checked="" 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:
<b>12. Number of Employees</b>		<b>13. Independently Owned and Operated?</b>	
<input checked="" type="checkbox"/> 0-20 <input type="checkbox"/> 21-100 <input type="checkbox"/> 101-250 <input type="checkbox"/> 251-500 <input type="checkbox"/> 501 and higher		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
<b>14. Customer Role</b> (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			
<b>15. Mailing Address:</b>	161 Town Center Boulevard		
	City	Jarrell	State TX ZIP 76537 ZIP + 4 4003
<b>16. Country Mailing Information</b> (if outside USA)		<b>17. E-Mail Address</b> (if applicable)	
		p.sherek@cityofjarrell.com	
<b>18. Telephone Number</b>	<b>19. Extension or Code</b>	<b>20. Fax Number</b> (if applicable)	
( 512 ) 746-4593		( 512 ) 746-2052	

## SECTION III: Regulated Entity Information

<b>21. General Regulated Entity Information</b> (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>							
<b>22. Regulated Entity Name</b> (Enter name of the site where the regulated action is taking place.)							
City of Jarrell							
<b>23. Street Address of the Regulated Entity:</b>  (No PO Boxes)							
	<b>City</b>	Jarrell	<b>State</b>	TX	<b>ZIP</b>	76537	<b>ZIP + 4</b>
<b>24. County</b>	Williamson						

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

<b>25. Description to Physical Location:</b>	Located on Farm-to-Market Road 487, approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-Market Road 487 in Williamson County, Texas 76537.							
<b>26. Nearest City</b>	Jarrell				<b>State</b>	TX	<b>Nearest ZIP Code</b>	76537
<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>								
<b>27. Latitude (N) In Decimal:</b>	30.823762			<b>28. Longitude (W) In Decimal:</b>	-97.547025			
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds			
30	49	26	-97	32	49			
<b>29. Primary SIC Code</b> (4 digits)	<b>30. Secondary SIC Code</b> (4 digits)		<b>31. Primary NAICS Code</b> (5 or 6 digits)		<b>32. Secondary NAICS Code</b> (5 or 6 digits)			
4952			221320					
<b>33. What is the Primary Business of this entity?</b> (Do not repeat the SIC or NAICS description.)								
Wastewater treatment facility								
<b>34. Mailing Address:</b>	161 Town Center Boulevard							
	<b>City</b>	Jarrell	<b>State</b>	TX	<b>ZIP</b>	76537	<b>ZIP + 4</b>	4003
<b>35. E-Mail Address:</b>								
<b>36. Telephone Number</b>	<b>37. Extension or Code</b>			<b>38. Fax Number</b> (if applicable)				
( 512 ) 746-4593				( 512 ) 746-2052				

**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:
	RN 104515887			

**SECTION IV: Preparer Information**

<b>40. Name:</b>	Alvin R. Sutton III, PE	<b>41. Title:</b>	Project Manager
<b>42. Telephone Number</b>	<b>43. Ext./Code</b>	<b>44. Fax Number</b>	<b>45. E-Mail Address</b>
( 512 ) 819-9478		( 254 ) 773-6667	tsutton@kpaengineers.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.

<b>Company:</b>	Kasberg, Patrick & Associates, LP	<b>Job Title:</b>	Project Manager
<b>Name (In Print):</b>	Alvin R. Sutton III, PE	<b>Phone:</b>	( 512 ) 819- 9478
<b>Signature:</b>		<b>Date:</b>	10/14/2024



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

# PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

City of Jarrell (CN 602777716) operates City of Jarrell Wastewater Treatment Facility (RN 104515887), a wastewater treatment facility servicing the corporate limits of the City of Jarrell including some areas with water services provided by Sonterra - Cool Water, East Wood at Sonterra, and Jarrell Schwertner Water Supply Corporation. The facility is located at Farm-to-Market Road 487, approximately 5,190 feet east-southeast of the intersection of County Road 303 and Farm-to-Market Road 487, in Jarrell, Williamson County, Texas 76537. This application request is for the renewal of the current permit to authorize the discharge of treated wastewater at a volume not to exceed an average annual flow of 4,000,000 gallons per day, amending the current facility operator within the existing permit. The treated effluent is discharged into Dunahoe Creek, thence to the Little River in the Brazos River watershed.

Discharges from the facility are expected to contain CBOD5, TSS, Ammonia Nitrogen, Nitrate Nitrogen, TKN, Sulfate, Chloride, Total Phosphorus, pH, Dissolved Oxygen, Chlorine Residual,

E. coli, TDS, Electrical Conductivity, Oil & Grease, and Alkalinity. Municipal wastewater is treated by Waste Activated Sludge (WAS) followed by Clarification and Chlorine Disinfection.

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

### **AGUAS RESIDUALES DOMÉSTICAS /AGUAS PLUVIALES**

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

Ciudad de Jarrell (CN 602777716) opera la instalación de tratamiento de aguas residuales de la ciudad de Jarrell (RN104515887), una instalación de tratamiento de aguas residuales que presta servicio a los límites corporativos de la ciudad de Jarell, incluidas algunas áreas con servicios de agua proporcionados por Sonterra - Cool Water, East Wood at Sonterra y Jarrell Schwertner Water Supply Corporation.. La instalación está ubicada en Farm-to-Market Road 487, aproximadamente a 5,190 pies al este-sureste de la intersección de County Road 303 y Farm-to-Market Road 487, en Jarrell, Condado de Williamson, Texas 76537. Esta solicitud de solicitud es para la renovación del permiso actual para autorizar la descarga de aguas residuales tratadas en un volumen que no exceda un flujo anual promedio de 4,000,000 de galones por día, modificando el operador actual de la instalación dentro del permiso existente. El efluente tratado se descarga en Dunahoe Creek y de allí al Little River en la cuenca del río Brazos.

Se espera que las descargas de la instalación contengan contengan Demanda Bioquímica de Oxígeno Carbonoso (CBOD5), Solidos Totalmente Suspendidos (TSS), Nitrógeno Amoniacal, Nitrógeno Nitrato, Nitrógeno Kjeldahl Total (TKN), Sulfato, Cloruro, Fósforo Total, pH, Oxígeno Disuelto, Residual de Cloro, E. coli, Sólidos Disueltos Totales (TDS), Conductividad Eléctrica, Aceite y Grasa, y Alcalinidad. Aguas residuales municipales. está tratado por Lodos Activados de Residuos (WAS) seguido de Clarificación y Desinfección con Cloro.

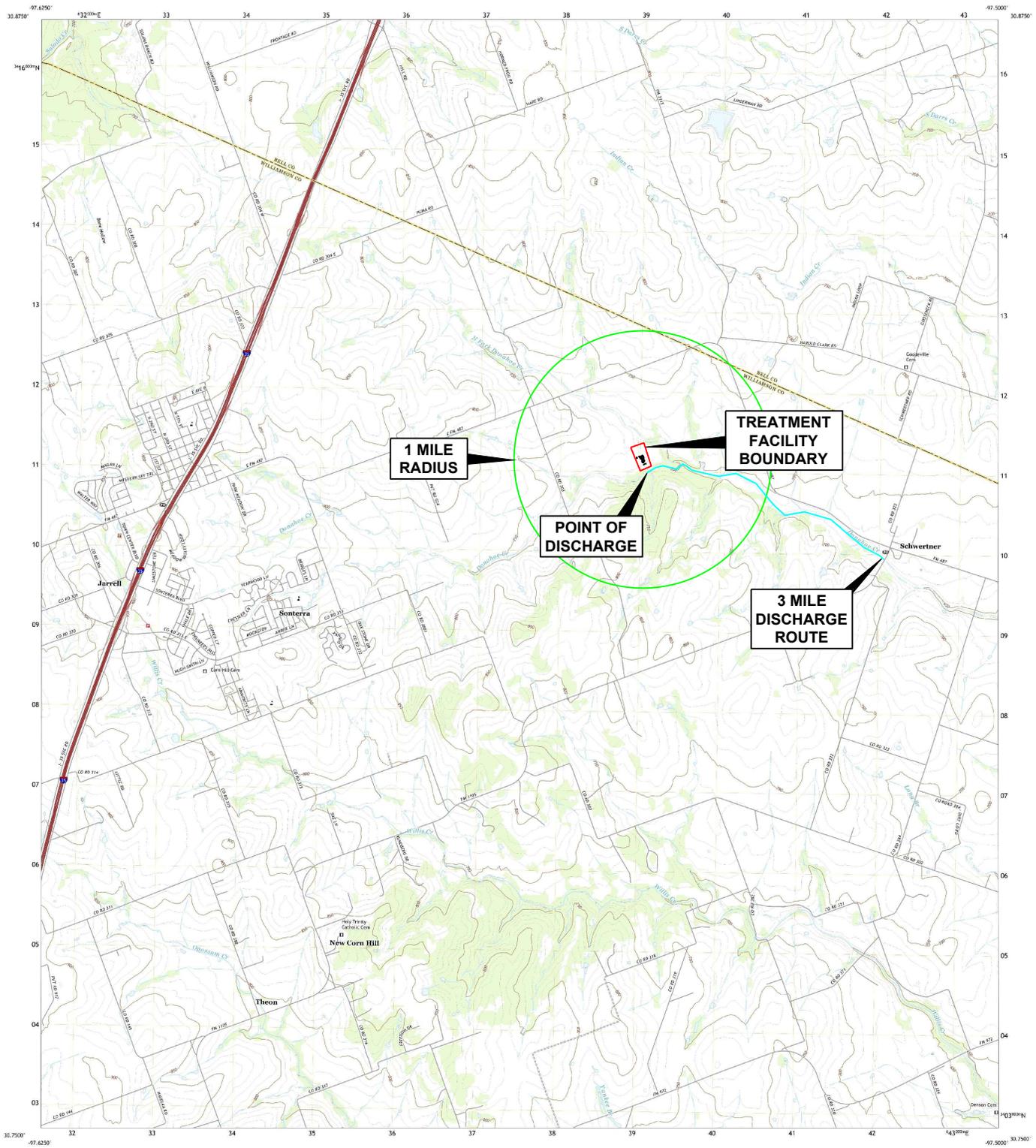
# EXHIBIT A

Original Full Size USGS Topographic Map (7.5-Minute Series)

Jarrell, Texas Quadrangle

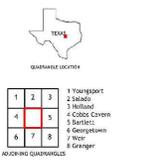
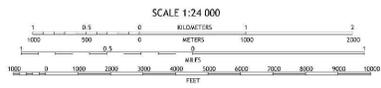
[8.5" x 11"]

(Domestic Wastewater Permit Administrative Report 1.0, Section 13)



Produced by the United States Geological Survey  
 North American Datum of 1983 (NAD83)  
 World Geodetic System of 1984 (WGS84) Projection and  
 UTM Zone 16Q Universal Transverse Mercator, Zone 14R  
 This map is not a legal document. Boundaries may be  
 generalized for this map scale. Private lands within government  
 ownership may not be shown. Obtain permission before  
 entering private lands.

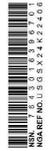
Imagery: NADIP, August 2016 - November 2016  
 Bathymetry: U.S. Corps of Engineers, 2019  
 Hydrography: National Hydrography Dataset, 2012  
 Air Photo Imagery: AerialView, Elberton, 2019  
 Contours: National Hydrography Dataset, 2012  
 Boundaries: Multiple sources, see metadata for 2019  
 Wetlands: FWS National Wetlands Inventory NFI Available



1	3	3
4	5	5
6	7	8

ADJOINING QUADRANGLES  
 1 Youngport  
 2 Sandoz  
 3 Method  
 4 Cooke Springs  
 5 Spring  
 6 Georgetown  
 7 New  
 8 Granger

JARRELL, TX  
2022



# EXHIBIT B

Original Full Size USGS Topographic Map (7.5-Minute Series)

One-Mile Downstream

Jarrell, Texas Quadrangle

[8.5" x 11"]

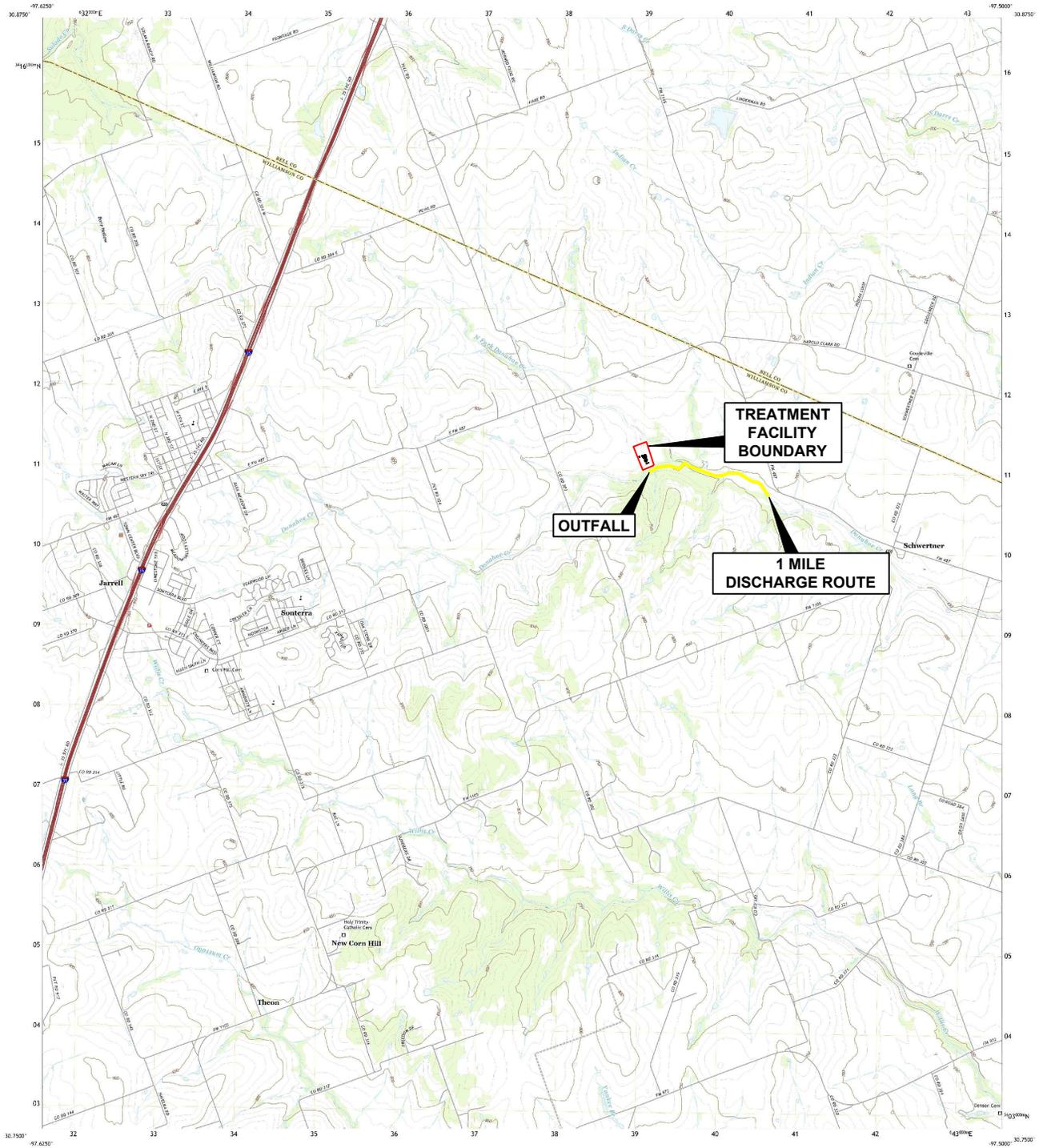
(Supplemental Permit Information Form (SPIF), Item 5)



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

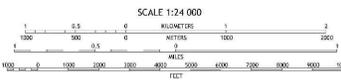


JARRELL QUADRANGLE  
TEXAS  
7.5-MINUTE SERIES



Produced by the United States Geological Survey  
North American Datum of 1983 (NAD83)  
World Geodetic System of 1984 (WGS84) Projection and  
1:50,000 Meter Equivalent Universal Transverse Mercator Zone 16R  
This map is not to scale. Distances may be  
approximate. For more information, please contact the government  
entity that issued this map. Obtain permission before  
reproducing or distributing.

Map Date: 2010 August 2016, November 2016  
Roads: U.S. Census Bureau, 2015  
Hydrography: National Hydrography Dataset, 2002 - 2010  
Contourlines: National Geographic, 2010  
Boundaries: Multiple sources; see metadata file 2019 - 2021  
Websters: FWS; Metadata: Websters; Inventory: Not Available



CENTROID INTERVAL: 10 FEET  
NORTH AMERICAN DATUM OF 1983  
This map was produced in conformance with the  
National Geospatial Program US Topo Product Standard.



1	2	3	4	5	6	7	8	9
1	2	3	4	5	6	7	8	9

1 Township  
2 Section  
3 Block  
4 Cable Channel  
5 Barbed  
6 Georgetown  
7 Pier  
8 Geopline  
9 Geopline

Symbol	ROAD CLASSIFICATION
—	Expressway
—	Secondary Hwy
—	Ramp
—	Local Collector
—	Local Road
—	AWP
—	US Route
—	State Route

JARRELL, TX  
2022

