

Administrative Package Cover Page

This file contains the following documents:

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

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

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

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

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

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

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

Prairiland Independent School District (CN603144478) operates Prairiland Independent School District Wastewater Treatment Plant (RN104011648), a lagoon treatment plant. The facility is located, approximately 3,000 feet southwest of the intersection of the intersection of Farm-to Market Road 196 and US HWY 271 in Lamar County, Texas 75468. This permit will not authorize a discharge of pollutants into water in the state

Discharges from the facility are expected to contain carbonaceous biochemical oxygen demand(CBod5), total suspended solids(TSS), ammonia nitrogen (NH5-N), and Escherichia coli Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by a lagoon treatment system which includes a detention time of approximately 28 day for ultraviolet treatment. After which is recycled to the head of the lagoons via sprinklers when then evaporates. We try and normally have no discharge.

Discharges from the facility are expected to contain PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

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

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede TCEQ-20972 (11/08/2024)

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cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

- 1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6########).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1######), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.
- 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

Se espera que las descargas de la instalación contengan INSTRUCTIONS

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

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wq-area.com/wq-area.com

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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

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

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

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

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

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

Example 2: Domestic Wastewater TPDES Renewal application

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

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

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

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

Example 3: Domestic Wastewater TPDES New Application

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

The City of Texas (CN000000000) proposes to operate the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

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

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

Example 4: Domestic Wastewater TLAP Renewal application

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

of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

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

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0014473001

APPLICATION. Prairiland Independent School District, 466 Farm Road 196, Pattonville, Texas 75468, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WO0014473001 (EPA I.D. No. TX0126136) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 12,000 gallons per day. The domestic wastewater treatment facility is located approximately 3,000 feet southwest of the intersection of Farm-to-Market Road 196 and U.S. Highway 271, near the city of Pattonville, in Lamar County, Texas 75468. The discharge route is from the plant site to an unnamed ditch; thence to an unnamed tributary; thence to Bee Bayou; thence to West Brushy Creek; thence to Little Sandy Creek; thence to Brushy Creek; thence to the Sulphur/South Sulphur River. TCEQ received this application on October 9, 2025. The permit application will be available for viewing and copying at Pattonville Post Office, Fover, 6863 U.S. Highway 271, Pattonvile, in Lamar County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-95.394444,33.569722&level=18

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 countywide 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. Search the database using the permit number for this application, which is provided at the top of this notice.

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

Further information may also be obtained from Prairiland Independent School District at the address stated above or by calling Mr. Jason Hostetler, Superintendent, at 903-652-3875.

Issuance Date: October 29, 2025

Brooke T. Paup, *Chairwoman*Catarina R. Gonzales, *Commissioner*Tonya R. Miller, *Commissioner*Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

October 9, 2025

Re: Confirmation of Submission of the Renewal without changes for Public Domestic Wastewater Authorization.

Dear Applicant:

This is an acknowledgement that you have successfully completed Renewal without changes for the Public Domestic Wastewater authorization.

ER Account Number: ER043831

Application Reference Number: 797949 Authorization Number: WQ0014473001

Site Name: Prairiland Isd WWTP

Regulated Entity: RN104011648 - Prairiland Isd WWTP

Customer(s): CN603144478 - Prairiland Isd

Please be aware that TCEQ staff may contact your designated contact for any additional information.

If you have any questions, you may contact the Applications Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by telephone at (512) 239-4671.

Sincerely, Applications Review and Processing Team Water Quality Division

Texas Commission on Environmental Quality

Update Domestic or Industrial Individual Permit WQ0014473001

Site Information (Regulated Entity)

What is the name of the site to be authorized? PRAIRILAND ISD WWTP

Does the site have a physical address?

Because there is no physical address, describe how to locate this site: LOCATED 1650 FEET W OF FM 196

APPROXIMATELY 3000 FEET SW OF THE INTERSECTION OF FM 196 AND

US HWY 271

City PATTONVILLE

 State
 TX

 ZIP
 75468

 County
 LAMAR

 Latitude (N) (##.#####)
 33.569722

 Longitude (W) (-###.#####)
 -95.394444

 Primary SIC Code
 8211

Secondary SIC Code

Primary NAICS Code 611110

Secondary NAICS Code

Regulated Entity Site Information

What is the Regulated Entity's Number (RN)? RN104011648

What is the name of the Regulated Entity (RE)? PRAIRILAND ISD WWTP

Does the RE site have a physical address?

Physical Address

Because there is no physical address, describe how to locate this site:

LOCATED 1650 FEET W OF FM 196

APPROXIMATELY 3000 FEET SW OF THE INTERSECTION OF FM 196 AND

US HWY 271

City PATTONVILLE

 State
 TX

 ZIP
 75468

 County
 LAMAR

 Latitude (N) (##.#####)
 33.569722

 Longitude (W) (-###.#####)
 -95.394444

Facility NAICS Code

What is the primary business of this entity?

DOMESTIC

Prairil-Customer (Applicant) Information (Owner)

How is this applicant associated with this site?

Owner

What is the applicant's Customer Number (CN)?

CN603144478

Type of Customer

Other Government

Full legal name of the applicant:

Legal Name Prairiland ISD

Texas SOS Filing Number

Federal Tax ID

State Franchise Tax ID

State Sales Tax ID

Local Tax ID

DUNS Number

Number of Employees

Independently Owned and Operated?

I certify that the full legal name of the entity applying for this permit has

been provided and is legally authorized to do business in Texas.

Responsible Authority Contact

Organization Name Prairiland ISD

Yes

Prefix MR First Jason

Middle

Last Hostetler

Suffix

Credentials

Title SUPERINTENDENT

Responsible Authority Mailing Address

Enter new address or copy one from list:

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 466 FARM ROAD 196

Routing (such as Mail Code, Dept., or Attn:)

City PATTONVILLE

State TX ZIP 75468

Phone (###-###) 9036526476

Extension

Alternate Phone (###-###-###)

Fax (###-###-###)

E-mail JHOSTETLER@PRAIRILAND.NET

Billing Contact

Responsible contact for receiving billing statements:

Select the permittee that is responsible for payment of the annual fee. CN603144478, Prairiland ISD

Organization Name PRAIRILAND ISD

Prefix

First Jason

Middle

Last Hostetler

Suffix

Credentials

Title SUPERINTENDENT

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 466 FARM ROAD 196

Routing (such as Mail Code, Dept., or Attn:)

City PATTONVILLE

State TX

ZIP 75468

Phone (###-###) 9036526476

Extension

Alternate Phone (###-###-)

Fax (###-###) 9036523738

E-mail JHOSTETLER@PRAIRILAND.NET

Application Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Organization Name Prarieland Isd

Prefix MR
First Jack

Middle

Last Baker

Suffix

Credentials

Title Wastewater Operater

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

141 COUNTY ROAD 43900

Routing (such as Mail Code, Dept., or Attn:)

City PARIS
State TX
ZIP 75462

Phone (###-####) 9037159851

Extension

Alternate Phone (###-###-)

Fax (###-###-###)

E-mail jackbaker@blossomtel.com

Technical Contact

Person TCEQ should contact for questions about this application:

Same as another contact?

Application Contact

Organization Name Jack Baker

Prefix MR First Jack

Middle

Last Baker

Suffix

Credentials

Title Wastewater Operater

Enter new address or copy one from list:

Mailing Address

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable) 141 COUNTY ROAD 43900

Routing (such as Mail Code, Dept., or Attn:)

City PARIS
State TX
ZIP 75462

Phone (###-####) 9037159851

Extension

Alternate Phone (###-###-###)

Fax (###-###-)

E-mail jackbaker@blossomtel.com

DMR Contact

Person responsible for submitting Discharge Monitoring Report Forms:

Same as another contact?

Application Contact

Organization Name Prarieland IsD

Prefix MR First Jack

Middle

Last Baker

Suffix

Credentials

Title Wastewater Operater

Enter new address or copy one from list:

Mailing Address:

Address Type Domestic

Mailing Address (include Suite or Bldg. here, if applicable)

141 COUNTY ROAD 43900

Routing (such as Mail Code, Dept., or Attn:)

City PARIS
State TX
ZIP 75462

Phone (###-###-####) 9037159851

Extension

Alternate Phone (###-###-###)

Fax (###-###-)

E-mail jackbaker@blossomtel.com

Section 1# Permit Contact

Permit Contact#: 1

Person TCEQ should contact throughout the permit term.

1) Same as another contact? Technical Contact

2) Organization Name Jack Baker

3) Prefix MR 4) First Jack

That

5) Middle

6) Last Baker

7) Suffix

8) Credentials

9) Title Wastewater Operater

Mailing Address

10) Enter new address or copy one from list

Domestic 11) Address Type

11.1) Mailing Address (include Suite or Bldg. here, if applicable) 141 COUNTY ROAD 43900

11.2) Routing (such as Mail Code, Dept., or Attn:)

PARIS 11.3) City 11.4) State TX

75462 11.5) ZIP

9037159851 12) Phone (###-###-###)

13) Extension

14) Alternate Phone (###-###-###)

15) Fax (###-###-###)

16) E-mail jackbaker@blossomtel.com

Section 2# Permit Contact

Permit Contact#: 2

Person TCEQ should contact throughout the permit term.

1) Same as another contact? **Billing Contact**

PRAIRILAND ISD 2) Organization Name

3) Prefix

4) First Jason

5) Middle

6) Last Hostetler

7) Suffix

8) Credentials

9) Title SUPERINTENDENT

Mailing Address

10) Enter new address or copy one from list

Domestic 11) Address Type

11.1) Mailing Address (include Suite or Bldg. here, if applicable) 466 FARM ROAD 196

11.2) Routing (such as Mail Code, Dept., or Attn:)

PATTONVILLE 11.3) City

11.4) State TX 11.5) ZIP 75468

12) Phone (###-###-###) 9036526476

13) Extension

14) Alternate Phone (###-###-###)

15) Fax (###-###-###) 9036523738

16) E-mail jhostetler@prairiland.net

Owner Information

Owner of Treatment Facility

1) Prefix

2) First and Last Name

3) Organization Name

PRAIRILAND ISD

466 Farm Road 196 Mailing Address

5) City Pattonville

6) State TX 75468 7) Zip Code

8) Phone (###-###-###) 9036526476

9) Extension

10) Email jhostetler@prairiland.net

11) What is ownership of the treatment facility? Private

Owner of Land (where treatment facility is or will be)

12) Prefix

13) First and Last Name

14) Organization Name PRAIRILAND ISD 466 Farm Road 196 15) Mailing Address

Pattonville 16) City 17) State TX

75468 18) Zip Code

9036526476 19) Phone (###-###-###)

20) Extension

21) Email jhostetler@prairiland.net

Yes 22) Is the landowner the same person as the facility owner or co-

applicant?

General Information Renewal-Amendment

5.1) What is the proposed total flow in MGD discharged at the facility?

6.2) Is the wastewater treatment facility location in the existing permit

04/16/2026 1) Current authorization expiration date:

2) Current Facility operational status: Active

3) Is the facility located on or does the treated effluent cross American No Indian Land?

4) What is the application type that you are seeking? Renewal without changes

5) Current Authorization type: Public Domestic Wastewater

5.2) Select the applicable fee < .05 MGD - Renewal - \$315

Yes

Pattonville

TPDES 6) What is the classification for your authorization?

TX0126136 6.1) What is the EPA Identification Number?

accurate?

6.3) Are the point(s) of discharge and the discharge route(s) in the Yes

existing permit correct?

6.4) City nearest the outfall(s): 6.5) County where the outfalls are located: LAMAR

6.6) Is or will the treated wastewater discharge to a city, county, or state No highway right-of-way, or a flood control district drainage ditch?

6.7) Is the daily average discharge at your facility of 5 MGD or more? No Nο

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

Public Notice Information

Individual Publishing the Notices

1) Prefix

2) First and Last Name Jack Baker

3) Credential

4) Title Wastewater Operator

5) Organization Name Prairiland ISD

6) Mailing Address 466 FARM ROAD 196

7) Address Line 2

8) City PATTONVILLE

9) State TX 10) Zip Code 75468

11) Phone (###-###-###) 9036523875

12) Extension

13) Fax (###-###-###)

14) Email jackbaker@blossomtel.com

Contact person to be listed in the Notices

15) Prefix

16) First and Last Name Jason Hostetler

17) Credential

 18) Title
 Superintendent

 19) Organization Name
 Prariland ISD

 20) Phone (###-###-###)
 9036523875

21) Fax (###-###-###)

22) Email jhostetler@prairiland.net

Bilingual Notice Requirements

23) Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or

proposed facility?

No

Section 1# Public Viewing Information

County#: 1

1) County LAMAR

2) Public building name Pattonville Post Office

3) Location within the building Foyer

4) Physical Address of Building 6863 U.S. Highway 271

5) City Pattonville

6) Contact Name Jack Baker
7) Phone (###-###) 9037159851

8) Extension

9) Is the location open to the public?

Plain Language

1) Plain Language

[File Properties]

File Name LANG_20971school.docx

Hash 801A7191EDC8383C0A01E4D9823475CACBC7002C7B1CACB2E94AC4ABF2078630

MIME-Type application/vnd.openxmlformats-

officedocument.wordprocessingml.document

Supplemental Permit Information Form

1) Supplemental Permit Information Form (SPIF)

[File Properties]

File Name SPIF_20971school.docx

Hash 801A7191EDC8383C0A01E4D9823475CACBC7002C7B1CACB2E94AC4ABF2078630

MIME-Type application/vnd.openxmlformats-

officedocument.wordprocessingml.document

Domestic Attachments

1) Attach an 8.5"x11", reproduced portion of the most current and original USGS Topographic Quadrangle Map(s) that meets the 1:24,000 scale.

[File Properties]

File Name MAP pattonville-2013.pdf

Hash 18B92745CF23B8492C087DC9B8992914983B605356934AED3721A2F40A6D71D0

MIME-Type application/pdf

2) I confirm that all required sections of Technical Report 1.0 are Yes complete and will be included in the Technical Attachment.

2.1) I confirm that Worksheet 2.0 (Receiving Waters) is complete and Yes

included in the Technical Attachment.

2.2) Are you planning to include Worksheet 2.1 (Stream Physical Yes

Characteristics) in the Technical Attachment?

2.3) Are you planning to include Worksheet 4.0 (Pollutant Analyses Yes

Requirements) in the Technical Attachment?

2.4) Are you planning to include Worksheet 5.0 (Toxicity Testing Yes

Requirements) in the Technical Attachment?

2.5) I confirm that Worksheet 6.0 (Industrial Waste Contribution) is

complete and included in the Technical Attachment.

2.6) Are you planning to include Worksheet 7.0 (Class V Injection Well Yes

Inventory/Authorization Form) in the Technical Attachment?

2.7) Technical Attachment

[File Properties]

File Name TECH_Design.docx

Hash DA7ADBCE180B3265267E09E849D1C70750F6CA36213D05A3706ACD099E95F809

MIME-Type application/vnd.openxmlformats-

officedocument.wordprocessingml.document

3) Buffer Zone Map

[File Properties]

File Name BUFF ZM Boundry Map.pdf

Hash C11BE284DFD8E2A12133F62171B52FEEAE1D29625BBFADC6E15CF223794967F7

MIME-Type application/pdf

4) Flow Diagram

[File Properties]

File Name FLDIA Flow Map.pdf

Hash B54B030FB7D33A71047C8B3EEAC46802834F546073BD6AD7730831A29F52C75E

MIME-Type application/pdf

5) Site Drawing

[File Properties]

File Name SITEDR_Pond1.jpg

Hash 4152F122EAC0052FA2D7A77B2411888E9922616664B59947B130A8F0A8BA9187

MIME-Type image/jpeg

[File Properties]

File Name SITEDR_Pond2.jpg

Hash 0ADA7D8691E1B23E84257346E5D7376AD54DCF95A8D5ACEB3E96F7F71CE11011

MIME-Type image/jpeg

[File Properties]

File Name SITEDR Pond3.jpg

Hash D26F23C07C67645EE951C95B2C25C0C8B7945F818F528215608571815CBF73C5

MIME-Type image/jpeg

6) Design Calculations

[File Properties]

File Name DES CAL Design.docx

Hash DA7ADBCE180B3265267E09E849D1C70750F6CA36213D05A3706ACD099E95F809

MIME-Type application/vnd.openxmlformats-

officedocument.wordprocessingml.document

7) Solids Management Plan

8) Water Balance

9) Other Attachments

Certification

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

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.

- 1. I am Jackie Baker, the owner of the STEERS account ER043831.
- 2. I have the authority to sign this data on behalf of the applicant named above.
- 3. I have personally examined the foregoing and am familiar with its content and the content of any attachments, and based upon my personal knowledge and/or inquiry of any individual responsible for information contained herein, that this information is true, accurate, and complete.
- 4. I further certify that I have not violated any term in my TCEQ STEERS participation agreement and that I have no reason to believe that the confidentiality or use of my password has been compromised at any time.
- 5. I understand that use of my password constitutes an electronic signature legally equivalent to my written signature.
- 6. I also understand that the attestations of fact contained herein pertain to the implementation, oversight and enforcement of a state and/or federal environmental program and must be true and complete to the best of my knowledge.
- 7. I am aware that criminal penalties may be imposed for statements or omissions that I know or have reason to believe are untrue or misleading.
- 8. I am knowingly and intentionally signing Update Domestic or Industrial Individual Permit WQ0014473001.
- 9. My signature indicates that I am in agreement with the information on this form, and authorize its submittal to the TCEQ.

OWNER Signature: Jackie Baker OWNER

Customer Number: CN603144478

Legal Name: Prairiland ISD

Account Number: ER043831

Signature IP Address: 162.246.228.124

Signature Date: 2025-09-30

Signature Hash: Form Hash Code at time of Signature: C384D0AD6542312DB1859233A9C7487B7BFA4ACC272AC7EB8BC7ECE7265BC0A5 ED92CC120699D675C01B8C28F55852B021EB7065F8A19D039569D73A1E840A2A

Fee Payment

Fee Amount: \$300.00

Check Date: The application fee was paid on 2025-08-11

Check Number: The check number is 55949

Submission

Reference Number: The application reference number is 797949

Submitted by: The application was submitted by

ER043831/Jackie Baker

Submitted Timestamp: The application was submitted on 2025-10-09 at

11:04:33 CDT

Submitted From: The application was submitted from IP address

24.32.119.173

Confirmation Number: The confirmation number is 684046

Steers Version: The STEERS version is 6.93

Permit Number: The permit number is WQ0014473001

Additional Information

Application Creator: This account was created by Jackie Baker

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

| TC | EQ USE ONLY: |
|----------------------------|--|
| Ap | olication type:RenewalMajor AmendmentMinor AmendmentNew |
| Co | unty: Segment Number: |
| Ad | nin Complete Date: |
| Ag | ency 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) |
| our is ne | plete this form as a separate document. TCEQ will mail a copy to each agency as required by agreement with EPA. If any of the items are not completely addressed or further information eded, we will contact you to provide the information before issuing the permit. Address item completely. |
| atta appl com may | ot refer to your response to any item in the permit application form. Provide each hment for this form separately from the Administrative Report of the application. The cation will not be declared administratively complete without this SPIF form being eleted in its entirety including all attachments. Questions or comments concerning this form be directed to the Water Quality Division's Application Review and Processing Team by lat |

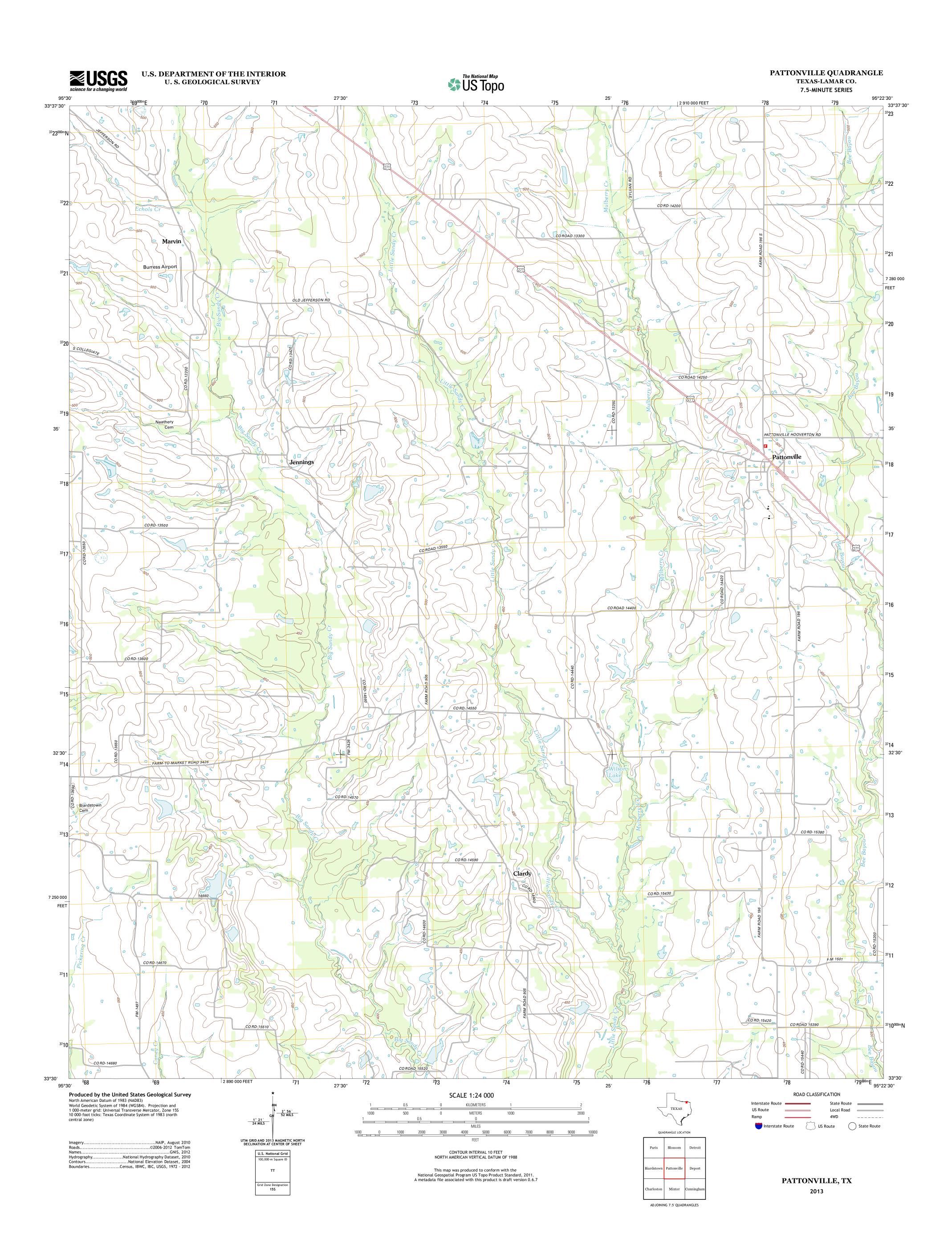
| Prefix (Mr., Ms., Miss): Mr. | | | | |
|---|--|--|--|--|
| First and Last Name: <u>Jack Baker</u> | | | | |
| Credential (P.E, P.G., Ph.D., etc.): <u>Wastewater Operator</u> | | | | |
| Title: Wastewater Operator | | | | |
| Mailing Address: 466 FM 196 South | | | | |
| City, State, Zip Code: <u>Pattonville, Tx, 75468</u> | | | | |
| Phone No.: 903-652-3875 Ext.: Fax No.: 903-652-4086 | | | | |
| E-mail Address: <u>publicworks@deporttexas.gov</u> | | | | |
| List the county in which the facility is located: <u>Lamar</u> | | | | |
| If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property. | | | | |
| N/A | | | | |
| | | | | |
| | | | | |
| 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. | | | | |
| Unnamed ditch, thence to an unnamed tributary, thence to Bee Bayou, thence to West | | | | |
| Brushy Creek, thence Little Sandy Creek, to the Sulphur/South Sulphur river in Segment | | | | |
| • | | | | |
| No. 0303 of the Sulphur River Basin. | | | | |
| • | | | | |
| • | | | | |
| No. 0303 of the Sulphur River Basin. 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 | | | | |
| No. 0303 of the Sulphur River Basin. 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). | | | | |
| No. 0303 of the Sulphur River Basin. 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. | | | | |
| No. 0303 of the Sulphur River Basin. 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. | | | | |
| No. 0303 of the Sulphur River Basin. 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 | | | | |
| No. 0303 of the Sulphur River Basin. 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 | | | | |
| 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 | | | | |

2.3.

4.

5.

| | ☐ Disturbance of vegetation or wetlands |
|----|--|
| 1. | List proposed construction impact (surface acres to be impacted, depth of excavation, sealin of caves, or other karst features): |
| | N/A |
| 2. | , , , |
| | N/A |
| | |
| | HE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR MENDMENTS TO TPDES PERMITS |
| 3. | List construction dates of all buildings and structures on the property: |
| | N/A |
| 4. | Provide a brief history of the property, and name of the architect/builder, if known. |
| | N/A |
| | |
| | |









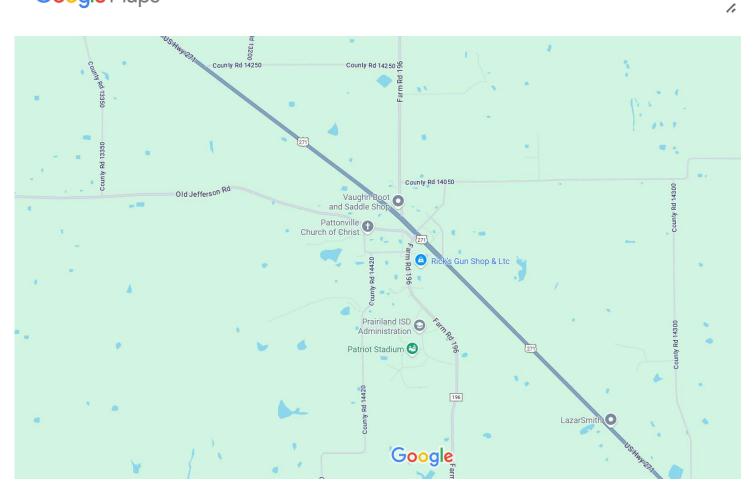
Design and Solid Management

Currently there are no Design plans that I can find available. As far as a Solid Management Plan we are a lagoon plant that has minimal usage during the summer months. Therefore sludge stays onsite and is not disposed of in any matter.

8/4/25, 4:38 PM Google Maps



School Google Traffic



Map data ©2025 1000 ft

Design and Solid Management

Currently there are no Design plans that I can find available. As far as a Solid Management Plan we are a lagoon plant that has minimal usage during the summer months. Therefore sludge stays onsite and is not disposed of in any matter.

8/4/25, 4:40 PM Google Maps



School Ponds RefrenceA



Imagery ©2025 Airbus, Maxar Technologies, Map data ©2025 200 f

- Transmission line to Lift station
- Force main to Sewer plant
- Plant flow
- Discharge Point and Flow

1.

THE TONMENTAL OUR LEVEL OF THE PROPERTY OF THE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

Section 1. Permitted or Proposed Flows (Instructions Page 42)

A. Existing/Interim I Phase

Design Flow (MGD): <u>0.012MGD</u>

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

Estimated construction start date: <u>N/A</u>
Estimated waste disposal start date: <u>N/A</u>

B. Interim II Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: <u>Click to enter text.</u> Estimated waste disposal start date: <u>Click to enter text.</u>

C. Final Phase

Design Flow (MGD): Click to enter text.

2-Hr Peak Flow (MGD): Click to enter text.

Estimated construction start date: <u>Click to enter text.</u> Estimated waste disposal start date: <u>Click to enter text.</u>

D. Current Operating Phase

Provide the startup date of the facility: 09/01/2004

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

Lagoon system – Incoming wastewater from the school is gravity feed to a master wet well. From that point it is pumped into Pond 1 which is aerated by recycled wastewater, afterwards it then free flows thru the following 2 ponds with a detention time of approximately 30 days before it is finally either recycled or evaporated.

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) |
|---------------------|-----------------|------------------------|
| Master Lift Station | 1 Ea | 12' x 6' Radius |
| Aeration Pond | 1 Ea. | 175' x 80' x 4' |
| Faculative Pond | 1 Ea. | 110' x 110' x 4' |
| Stabilization Pond | 1 Ea. | 140' x 140 x 4' |
| | | |
| | | |

C. Process Flow Diagram

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

Attachment: Click to enter text.

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

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

• Latitude: Click to enter text.

• Longitude: Click to enter text.

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: Click to enter text.

| Provide the name and a desc | | <u>, </u> | | | |
|--|---------------------|--|----------------------------|--|--|
| The Prairiland Independent School District Treatment Plant serves the staff and students of Prairiland Independent School District. | | | | | |
| - | | | | | |
| | | | | | |
| Collection System Informati | on for wastewater | TDDEC normite only: Dr | covide information for | | |
| Collection System Information each uniquely owned collection | | | | | |
| satellite collection systems. examples. | Please see the ins | tructions for a detailed | explanation and | | |
| - | | | | | |
| Collection System Information | | | | | |
| Collection System Name | Owner Name | Owner Type | Population Serve | | |
| | | Choose an item. | | | |
| | | Choose an item. | | | |
| | | Choose an item. | | | |
| | | Choose an item. | | | |
| | | - | | | |
| Section 4. Unbuilt P | hases (Instruc | tions Page 44) | | | |
| Is the application for a renev | wal of a permit tha | t contains an unbuilt ph | ase or phases? | | |
| □ Yes ⊠ No | | | | | |
| If yes, does the existing per- years of being authorized by | | e that has not been cons | tructed within five | | |
| □ Yes □ No | | | | | |
| If yes, provide a detailed discussion regarding the continued need for the unbuilt phase. Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases. | | | | | |
| Click to enter text. | - unbuilt phase of | phases. | | | |
| Click to eliter text. | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| Section 5. Closure P | Plans (Instructi | ons Page 44) | | | |
| Have any treatment units been taken out of service permanently, or will any units be taken | | | | | |
| out of service in the next five years? | | | | | |
| □ Yes ⊠ No | | | | | |
| | | | | | |

| If y | yes, was a closure plan submitted to the TCEQ? |
|------|---|
| | □ Yes □ No |
| If y | yes, provide a brief description of the closure and the date of plan approval. |
| Se | ection 6. Permit Specific Requirements (Instructions Page 44) r applicants with an existing permit, check the Other Requirements or Special |
| | ovisions of the permit. Summary transmittal |
| 7 1. | 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: Final Phase completed August 2003 |
| | Provide information, including dates, on any actions taken to meet a <i>requirement or provision</i> 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. |
| В. | 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. |
| | Click to enter text. |

| | su | bes the Other Requirements or Special Provisions section in the existing permit require bimission of any other information or other required actions? Examples include stification of Completion, progress reports, soil monitoring data, etc. |
|----|----|--|
| | | □ Yes ⊠ No |
| | | yes, provide information below on the status of any actions taken to meet the nditions of an <i>Other Requirement</i> or <i>Special Provision</i> . |
| | C | lick to enter text. |
| | | |
| D. | Gr | it and grease treatment |
| | 1. | Acceptance of grit and grease waste |
| | | Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment? |
| | | □ Yes ⊠ No |
| | | If No, stop here and continue with Subsection E. Stormwater Management. |
| | 2. | Grit and grease processing |
| | | Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility. |
| | | Click to enter text. |
| | | |
| | | |
| | | |
| | | |
| | | |
| | 3. | Grit disposal |
| | | Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal? |
| | | □ Yes □ No |
| | | If No , contact the TCEQ Municipal Solid Waste team at 512-239-2335. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions. |

C. Other actions required by the current permit

| | | Describe the method of grit disposal. |
|----|-----------|---|
| | | Click to enter text. |
| | | |
| | | |
| | | |
| | | |
| | 4. | Grease and decanted liquid disposal |
| | | Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-2335. |
| | | Describe how the decant and grease are treated and disposed of after grit separation. |
| | | Click to enter text. |
| | | |
| | | |
| | | |
| | | |
| Ε. | Sto | ormwater management |
| | | 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 |
| | <i>3.</i> | Conditional exclusion |
| | | Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)? |
| | | □ Yes □ No |
| | | |

| | If yes, please explain below then proceed to Subsection F, Other Wastes Received: |
|------------|--|
| | Click to enter text. |
| | |
| | |
| 4. | Existing coverage in individual permit |
| | Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit? |
| | □ Yes □ No |
| | If yes , provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received. |
| | Click to enter text. |
| | |
| | |
| 5 . | Zero stormwater discharge |
| | Do you intend to have no discharge of stormwater via use of evaporation or other means? |
| | □ Yes □ No |
| | If yes, explain below then skip to Subsection F. Other Wastes Received. |
| | Click to enter text. |
| | |
| | |
| | |
| | Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit. |
| 6. | Request for coverage in individual permit |
| | Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit? |
| | □ Yes □ No |
| | If yes , provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you |

| | | it to water in the state. |
|----|----|---|
| | | Click to enter text. |
| | | |
| | | |
| | | |
| | | Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application. |
| F. | Di | scharges to the Lake Houston Watershed |
| | Do | es the facility discharge in the Lake Houston watershed? |
| | | □ Yes ⊠ No |
| | | yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. ck to enter text. |
| G. | Ot | her wastes received including sludge from other WWTPs and septic waste |
| | 1. | Acceptance of sludge from other WWTPs |
| | | Does or will the facility accept sludge from other treatment plants at the facility site? |
| | | □ Yes ⊠ No |
| | | If yes, attach sewage sludge solids management plan. See Example 5 of instructions. |
| | | In addition, provide the date the plant started or is anticipated to start accepting |
| | | sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an |
| | | estimate of the BOD ₅ concentration of the sludge, and the design BOD ₅ concentration of the influent from the collection system. Also note if this information has or has not |
| | | changed since the last permit action. |
| | | 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 |

intend to divert stormwater to the treatment plant headworks and indirectly discharge

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

| Click to enter text. | | | |
|----------------------|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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

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

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

| Yes | \boxtimes | No |
|-----|-------------|-----|
| res | | INO |

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

| Click to enter text. | | | |
|----------------------|--|--|--|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

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

Is the facility in operation?

⊠ Yes □ No

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

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

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

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

| Pollutant | Average Conc. | Max Conc. | No. of Samples | Sample Type | Sample Date/Time |
|--|------------------|--------------|-------------------|----------------|---------------------|
| CBOD ₅ , mg/l | 32 | 32 | 1 | Grab | 09/18/25 0820 |
| Total Suspended Solids, mg/l | 97.6 | 97.6 | 1 | Grab | 09/18/25 0820 |
| Ammonia Nitrogen, mg/l | 0.801 | 0.801 | 1 | Grab | 09/18/25 0820 |
| Nitrate Nitrogen, mg/l | 0.384 | 0.384 | 1 | | 09/18/25 0820 |
| Total Kjeldahl Nitrogen, mg/l | 13.7 | 13.7 | 1 | | 09/18/25 0820 |
| Sulfate, mg/l | 16.3 | 16.3 | 1 | | 09/18/25 0820 |
| Chloride, mg/l | 49.5 | 49.5 | 1 | Grab | 09/18/25 0820 |
| Total Phosphorus, mg/l | 1.42 | 1.42 | 1 | | 09/18/25 0820 |
| pH, standard units | 9 | 9 | 1 | Grab | 09/18/25 0820 |
| Dissolved Oxygen*, mg/l | 5.0 | 5.0 | 1 | Grab | 09/18/25 0820 |
| Chlorine Residual, mg/l | N/A | N/A | | | 09/18/25 0820 |
| E.coli (CFU/100ml) freshwater | 172.2 | 172.2 | 1 | Grab | 09/18/25 0820 |
| Entercocci (CFU/100ml) saltwater | N/A | N/A | | | |
| Total Dissolved Solids, mg/l | 358 | 358 | 1 | Grab | 09/18/25 0820 |
| Electrical Conductivity, µmohs/cm, † | N/A | N/A | | | |
| Oil & Grease, mg/l | N/A | N/A | | | |
| Alkalinity (CaCO ₃)*, mg/l | 162 | 162 | 1 | | |

^{*}TPDES 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 ₃), mg/l | | | | | |

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: <u>Jackie Baker</u>

Facility Operator's License Classification and Level: Wastewater Treatment Operator Class C

[†]TLAP permits only

B.

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

| WW | TP's Sewage Sludge or Biosolids Management Facility Type |
|-----|---|
| Che | ck all that apply. See instructions for guidance |
| | Design flow>= 1 MGD |
| | Serves >= 10,000 people |
| | Class I Sludge Management Facility (per 40 CFR § 503.9) |
| | Biosolids generator |
| | Biosolids end user – land application (onsite) |
| | Biosolids end user – surface disposal (onsite) |
| | Biosolids end user – incinerator (onsite) |
| ww | TP's Sewage Sludge or Biosolids Treatment Process |
| Che | ck all that apply. See instructions for guidance. |
| | Aerobic Digestion |
| | Air Drying (or sludge drying beds) |
| | Lower Temperature Composting |
| | Lime Stabilization |
| | Higher Temperature Composting |
| | Heat Drying |
| | Thermophilic Aerobic Digestion |
| | Beta Ray Irradiation |
| | Gamma Ray Irradiation |
| | Pasteurization |
| | Preliminary Operation (e.g. grinding, de-gritting, blending) |
| | Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter) |
| | Sludge Lagoon |
| | Temporary Storage (< 2 years) |
| | Long Term Storage (>= 2 years) |
| | Methane or Biogas Recovery |
| | Other Treatment Process: Click to enter text. |

C. Sewage Sludge or Biosolids Management

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

Biosolids Management

| Management Practice | Handler or Preparer Type | Bulk or Bag Container | Amount (dry metric tons) | Pathogen Reduction Options | Vector Attraction Reduction Option |
|------------------------|--------------------------------|--------------------------|--------------------------|----------------------------------|---|
| Choose an item. | Choose an item. | Choose an item. | | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. | | Choose an item. | Choose an item. |
| Choose an item. | Choose an item. | Choose an item. | | Choose an item. | Choose an item. |

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

| D. | Dis | posal | site |
|----|-----|-------|------|
| | | OCUL | |

| Disposal site name: <u>Click to enter text.</u> |
|--|
| TCEQ permit or registration number: Click to enter text. |
| County where disposal site is located: Click to enter text |
| |

E. Transportation method

| Method of transportation (truck, train, pipe, other): Click to enter text | | | | |
|---|-----------------------------|----------------------|-----------------|--|
| Name of the hau | aler: <u>Click to enter</u> | text. | | |
| Hauler registration number: Click to enter text. | | | | |
| Sludge is transp | orted as a: | | | |
| Liquid \square | semi-liquid \square | semi-solid \square | solid \square | |

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

A. Beneficial use authorization

| Does tl benefic | | | permit include authorization for land application of biosolids for |
|-------------------------|-----|-------------|---|
| | Yes | \boxtimes | No |
| If yes , benefic | • | | questing to continue this authorization to land apply biosolids for |
| | Yes | | No |

| | If yes, is the completed Applic (TCEQ Form No. 10451) attack details)? | | | | | |
|----|---|------------------------|------|------------|-------|-------------------------|
| | □ Yes □ No | | | | | |
| B. | Sludge processing authorizati | ion | | | | |
| | Does the existing permit include storage or disposal options? | de authorization for | any | of the fo | ollow | ving sludge processing, |
| | Sludge Composting | | | Yes | | No |
| | Marketing and Distribution | of Biosolids | | Yes | | No |
| | Sludge Surface Disposal or | Sludge Monofill | | Yes | | No |
| | Temporary storage in sludg | ge lagoons | | Yes | | No |
| | If yes to any of the above slud authorization, is the completed Technical Report (TCEQ Form | d Domestic Wastewa | atei | Permit A | Appl | ication: Sewage Sludge |
| | □ Yes □ No | | | | | |
| Se | ection 11. Sewage Sludg | e Lagoons (Inst | ruo | ctions I | age | e 53) |
| Do | es this facility include sewage s | sludge lagoons? | | | | |
| | ⊠ Yes □ No | | | | | |
| If | yes, complete the remainder of | this section. If no, p | roce | eed to Se | ction | 12. |
| A. | Location information | | | | | |
| | The following maps are require provide the Attachment Numb | | ıs p | art of the | app | lication. For each map, |
| | Original General Highway | ay (County) Map: | | | | |
| | Attachment: Click to en | ter text. | | | | |
| | • USDA Natural Resource | s Conservation Servi | ce S | Soil Map: | | |
| | Attachment: Click to en | ter text. | | | | |
| | Federal Emergency Man. | | | | | |
| | Attachment: Click to en | ter text. | | | | |
| | • Site map: | | | | | |
| | Attachment: DeportTopo | _ | | | | |
| | Discuss in a description if any apply. | of the following exis | st w | ithin the | lago | on area. Check all that |
| | □ Overlap a designated 1 | 00-year frequency fl | looc | l plain | | |
| | \square Soils with flooding class | ssification | | | | |
| | ☐ Overlap an unstable ar | ea | | | | |
| | □ Wetlands | | | | | |

□ Located less than 60 meters from a fault

 $oxed{\boxtimes}$ 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: <u>Click to enter text.</u> Provide the following information:

Volume and frequency of sludge to the lagoon(s): <u>Click to enter text.</u>

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

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

C. Liner information

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

| | \boxtimes | Yes □ No | | | | | |
|----|--|--|--|--|--|--|--|
| | If yes | , describe the liner below. Please note that a liner is required. | | | | | |
| | No Discription available although the liner was certified by Hayter Engineering in 2020. | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| D. | Site d | evelopment plan | | | | | |
| | Provid | de a detailed description of the methods used to deposit sludge in the lagoon(s): | | | | | |
| | Click | to enter text. | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | Attac | h 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. | Grou | ndwater monitoring | | | | | |
| | groun | undwater monitoring currently conducted at this site, or are any wells available for idwater monitoring, or are groundwater monitoring data otherwise available for the e lagoon(s)? | | | | | |
| | | Yes 🗵 No | | | | | |
| | types | undwater monitoring data are available, provide a copy. Provide a profile of soil encountered down to the groundwater table and the depth to the shallowest dwater as a separate attachment. | | | | | |

Attachment: Click to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 54)

| A. Additional authorizations Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc? ☐ Yes ☒ No If yes, provide the TCEQ authorization number and description of the authorization: Click to enter text. | |
|--|------|
| | |
| B. Permittee enforcement status | |
| Is the permittee currently under enforcement for this facility? | |
| □ Yes ⊠ No | |
| Is the permittee required to meet an implementation schedule for compliance or enforcement? | |
| □ Yes ⊠ No | |
| If yes to either question, provide a brief summary of the enforcement, the implementa schedule, and the current status: | tion |
| Click to enter text. | |
| Section 13. RCRA/CERCLA Wastes (Instructions Page 55) | |
| A DCDA hozardous visatos | |

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 55)

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

- The laboratory is an in-house laboratory and is:
 - o periodically inspected by the TCEQ; or
 - o located in another state and is accredited or inspected by that state; or
 - o 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.

| Signature: |
|------------|
| Date: |

Title: Click to enter text.

Printed Name: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

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

Section 1. Justification for Permit (Instructions Page 56)

| ٨ | Justification | of. | normit | nood |
|----|----------------------|-----|--------|------|
| A. | Justincation | ΟI | регищ | neeu |

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

| | Click to enter text. |
|----|---|
| В. | Regionalization of facilities |
| | For additional guidance, please review <u>TCEQ's Regionalization Policy for Wastewater Treatment</u> ¹ . |
| | Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities: |
| | 1. Municipally incorporated areas |
| | If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas. |
| | Is any portion of the proposed service area located in an incorporated city? |
| | □ Yes □ No □ Not Applicable |
| | If yes, within the city limits of: Click to enter text. |
| | If yes, attach correspondence from the city. |
| | Attachment: Click to enter text. |
| | If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attached. |
| | Attachment: Click to enter text. |
| | 2. Utility CCN areas |
| | Is any portion of the proposed service area located inside another utility's CCN area? |
| | □ Yes □ No |
| | |

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

| If yes , attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion. |
|---|
| Attachment: Click to enter text. |
| 3. Nearby WWTPs or collection systems |
| Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility? |
| □ Yes □ No |
| If yes, attach a list of these facilities and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems. |
| Attachment: Click to enter text. |
| If yes, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system. |
| Attachment: Click to enter text. |
| If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion. |
| Attachment: Click to enter text. |
| Section 2. Proposed Organic Loading (Instructions Page 58) |
| Is this facility in operation? |
| □ Yes □ No |
| If no, proceed to Item B, Proposed Organic Loading. |
| If yes, provide organic loading information in Item A, Current Organic Loading |
| A. Current organic loading |
| Facility Design Flow (flow being requested in application): Click to enter text. |
| Average Influent Organic Strength or BOD ₅ Concentration in mg/l: Click to enter text. |
| Average Influent Loading (lbs/day = total average flow X average BOD ₅ conc. X 8.34): $\frac{\text{Click}}{\text{to enter text.}}$ |
| Provide the source of the average organic strength or BOD ₅ concentration. |
| Click to enter text. |

B. Proposed organic loading

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

Table 1.1(1) - Design Organic Loading

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

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

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click to enter text.

Total Suspended Solids, mg/l: Click to enter text.

Ammonia Nitrogen, mg/l: Click to enter text.

Total Phosphorus, mg/l: Click to enter text.

Dissolved Oxygen, mg/l: Click to enter text.

Other: Click to enter text.

| B. | Interim II Phase Design Effluent Quality |
|----|---|
| | Biochemical Oxygen Demand (5-day), mg/l: Click to enter text. |
| | Total Suspended Solids, mg/l: Click to enter text. |
| | Ammonia Nitrogen, mg/l: Click to enter text. |
| | Total Phosphorus, mg/l: Click to enter text. |
| | Dissolved Oxygen, mg/l: Click to enter text. |
| | Other: Click to enter text. |
| C. | Final Phase Design Effluent Quality |
| | Biochemical Oxygen Demand (5-day), mg/l: Click to enter text. |
| | Total Suspended Solids, mg/l: Click to enter text. |
| | Ammonia Nitrogen, mg/l: Click to enter text. |
| | Total Phosphorus, mg/l: Click to enter text. |
| | Dissolved Oxygen, mg/l: Click to enter text. |
| | Other: Click to enter text. |
| D. | Disinfection Method |
| | Identify the proposed method of disinfection. |
| | ☐ Chlorine: Click to enter text. mg/l after Click to enter text. minutes detention time |
| | at peak flow |
| | Dechlorination process: <u>Click to enter text.</u> |
| | ☐ Ultraviolet Light: <u>Click to enter text.</u> seconds contact time at peak flow |
| | □ Other: <u>Click to enter text.</u> |
| Se | ction 4. Design Calculations (Instructions Page 58) |
| | each design calculations and plant features for each proposed phase. Example 4 of the |
| | tructions includes sample design calculations and plant features. |
| | Attachment: Click to enter text. |
| Se | ction 5. Facility Site (Instructions Page 59) |
| | · · · · · · · · · · · · · · · · · · · |
| A. | 100-year floodplain |
| | Will the proposed facilities be located <u>above</u> the 100-year frequency flood level? |
| | □ Yes □ No |
| | If no , describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures. |
| | Click to enter text. |
| | |
| | |

| | Provide the source(s) used to determine 100-year frequency flood plain. |
|----|--|
| | Click to enter text. |
| | |
| | For a new or expansion of a facility, will a wetland or part of a wetland be filled? |
| | ☐ Yes ☐ No |
| | If yes, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit? ☐ Yes ☐ No |
| | If yes, provide the permit number: Click to enter text. |
| | If no, provide the approximate date you anticipate submitting your application to the Corps: Click to enter text. |
| B. | Wind rose |
| | Attach a wind rose: Click to enter text. |
| Se | ection 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 59) |
| A. | Beneficial use authorization |
| | Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit? |
| | □ Yes □ No |
| | If yes, attach the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451): Click to enter text. |
| B. | Sludge processing authorization |
| | Identify the sludge processing, storage or disposal options that will be conducted at the wastewater treatment facility: |
| | □ Sludge Composting |
| | ☐ Marketing and Distribution of sludge |
| | □ Sludge Surface Disposal or Sludge Monofill |
| | If any of the above, sludge options are selected, attach the completed Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056): Click to enter text. |
| Se | ection 7. Sewage Sludge Solids Management Plan (Instructions Page 60) |
| | |

Attach a solids management plan to the application.

Attachment: Click to enter text.

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

Treatment units and processes dimensions and capacities

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

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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

| Section 1. Domestic Drinking Water Supply (Instructions Page 63) |
|---|
| Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge? |
| □ Yes ⊠ No |
| If no , proceed it Section 2. If yes , provide the following: |
| Owner of the drinking water supply: <u>Click to enter text.</u> |
| Distance and direction to the intake: <u>Click to enter text.</u> |
| Attach a USGS map that identifies the location of the intake. |
| Attachment: Click to enter text. |
| Section 2. Discharge into Tidally Affected Waters (Instructions Page 63) |
| Does the facility discharge into tidally affected waters? |
| □ Yes ⊠ No |
| If no , proceed to Section 3. If yes , complete the remainder of this section. If no, proceed to Section 3. |
| A. Receiving water outfall |
| Width of the receiving water at the outfall, in feet: 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 63)** Is the discharge directly into (or within 300 feet of) a classified segment? Yes ⊠ No **If ves**, this Worksheet is complete. **If no**, complete Sections 4 and 5 of this Worksheet. **Description of Immediate Receiving Waters (Instructions** Section 4. **Page 63)** Name of the immediate receiving waters: Click to enter text. 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 \boxtimes 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 \boxtimes 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. |
| | The discharge is to an unnamed ditch, thence to an unnamed tributary, thence to Bee Bayou, thence to West Brushy Creek, thence to Little Sand Cree, thence to Brushy Creek, thence to the Sulphur/South Sulphut Tiver in Segment No. 0303 of the Sulphur River Basin. |
| 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. |
| | The ditch near discharge point is normally dry during summer weather. |
| | |
| | Date and time of observation: <u>August 15, 2025</u> |
| | Was the water body influenced by stormwater runoff during observations? |
| | □ Yes ⊠ No |
| Se | ection 5. General Characteristics of the Waterbody (Instructions Page 65) |
| A. | Upstream influences |
| | Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply. |

Urban runoff

 \boxtimes

Agricultural runoff

Other(s), specify: Click to enter text.

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☐ Oil field activities

Septic tanks

☐ Upstream discharges

B. Waterbody uses Observed or evidences of the following uses. Check all that apply. Livestock watering Contact recreation Irrigation withdrawal Non-contact recreation Fishing **Navigation** Industrial water supply Domestic water supply Park activities Other(s), specify: Click to enter text. C. Waterbody aesthetics Check one of the following that best describes the aesthetics of the receiving water and the surrounding area. \boxtimes 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

Offensive: stream does not enhance aesthetics; cluttered; highly developed;

or turbid

dumping areas; water discolored

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

| Section 1. General Information (Instructions Page 65) |
|--|
| Date of study: Click to enter text. Time of study: Click to enter text. |
| Stream name: Click to enter text. |
| Location: Click to enter text. |
| Type of stream upstream of existing discharge or downstream of proposed discharge (check one). |
| \square Perennial \square Intermittent with perennial pools |
| Section 2. Data Collection (Instructions Page 65) |
| Number of stream bends that are well defined: Click to enter text. |
| Number of stream bends that are moderately defined: Click to enter text. |
| Number of stream bends that are poorly defined: Click to enter text. |
| Number of riffles: Click to enter text. |
| Evidence of flow fluctuations (check one): |
| □ Minor □ moderate □ severe |
| Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification. |
| Click to enter text. |

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

| Stream type at transect | Transect location | Water surface | Stream depths (ft) at 4 to 10 points along each | | |
|---|-------------------|------------------|---|--|--|
| Select riffle, run, glide, or pool. See Instructions, Definitions section. | | width (ft) | transect from the channel bed to the water surface. Separate the measurements with commas. | | |
| 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. | | | | | |

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: Click to enter text.

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): <u>Click to enter text.</u>

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: Click to enter text.

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: Click to enter text.

Average stream velocity, in feet/second: Click to enter text.

Instantaneous stream flow, in cubic feet/second: Click to enter text.

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): <u>Click to enter text.</u>

Size of pools (large, small, moderate, none): Click to enter text.

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

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

Section 1. Type of Disposal System (Instructions Page 67)

| Identif | y the method of land disposal: | | | |
|---|--|-------|---------------------------------------|--|
| | Surface application | | Subsurface application | |
| | Irrigation | | Subsurface soils absorption | |
| | Drip irrigation system | | Subsurface area drip dispersal system | |
| | Evaporation | | Evapotranspiration beds | |
| \boxtimes | Other (describe in detail): <u>No di</u> | schar | ge due to evaportation. | |
| NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. | | | | |

For existing authorizations, provide Registration Number: Click to enter text.

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

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) - Land Application Site Crops

| Crop Type & Land Use | Irrigation Area (acres) | Effluent Application (GPD) | Public Access? Y/N |
|----------------------|----------------------------|----------------------------------|--------------------------|
| | | | |
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Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 67)

Table 3.0(2) – Storage and Evaporation Ponds

| Pond Number | Surface Area (acres) | Storage Volume (acre-feet) | Dimensions | Liner Type |
|----------------|-------------------------|-------------------------------|------------|------------|
| | | | | |
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| Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond. | | | | | | | |
|---|--------------------------|----------------------------|------------------------|----------|--|--|--|
| Attachment: Click to enter text. | | | | | | | |
| Section 4. | Flood and Ru | unoff Protectio | n (Instructions F | Page 67) | | | |
| Is the land appli | cation site <u>withi</u> | <u>n</u> the 100-year freq | uency flood level? | | | | |
| □ Yes □ | No | | | | | | |
| If yes , describe | how the site will | be protected from | inundation. | | | | |
| Click to enter to | ext. | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Provide the sour | ce used to deter | mine the 100-year | frequency flood level: | | | | |
| Click to enter text. | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| Provide a description of tailwater controls and rainfall run-on controls used for the land application site. | | | | | | | |
| Click to enter text. | | | | | | | |
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Section 5. Annual Cropping Plan (Instructions Page 67)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why. **Attachment**: Click to enter text.

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 68)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: <u>Click to enter text.</u>

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1-mile radius of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells located within a half-mile radius of the disposal site or property boundaries shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) - Water Well Data

| Well ID | Well Use | Producing? Y/N | Open, cased, capped, or plugged? | Proposed Best Management Practice |
|---------|----------|-------------------|----------------------------------|--------------------------------------|
| | | | Choose an item. | |
| | | | Choose an item. | |
| | | | Choose an item. | |
| | | | Choose an item. | |
| | | | Choose an item. | |

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

Attachment: Click to enter text.

Section 7. Groundwater Quality (Instructions Page 68)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

| Attachment: Click to enter text. |
|---|
| Are groundwater monitoring wells available onsite? Yes No |
| Do you plan to install ground water monitoring wells or lysimeters around the land application site? \Box Yes \Box No |
| If yes, provide the proposed location of the monitoring wells or lysimeters on a site map. |
| Attachment: Click to enter text. |

Section 8. Soil Map and Soil Analyses (Instructions Page 69)

A. Soil map

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

Attachment: Click to enter text.

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note**: for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: Click to enter text.

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) - Soil Data

| Soil Series | Depth from Surface | Permeability | Available Water Capacity | Curve Number |
|-------------|--------------------------|--------------|--------------------------------|-----------------|
| | | | | |
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Section 9. Effluent Monitoring Data (Instructions Page 70) Is the facility in operation? Yes □ No **If no**, this section is not applicable and the worksheet is complete. If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A. Table 3.0(5) – Effluent Monitoring Data BOD5 Chlorine **Date** 30 Day Avg **TSS** рН Acres Flow MGD Residual mg/l mg/l mg/l irrigated

| corrective actions taken. | | | | |
|---------------------------|--|--|--|--|
| Click to enter text. | | | | |
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Provide a discussion of all persistent excursions above the permitted limits and any

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 71)

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

A. Irrigation

Area under irrigation, in acres: Click to enter text.

Design application frequency:

hours/day Click to enter text. And days/week Click to enter text.

Land grade (slope):

average percent (%): Click to enter text.

maximum percent (%): Click to enter text.

Design application rate in acre-feet/acre/year: Click to enter text.

Design total nitrogen loading rate, in lbs N/acre/year: Click to enter text.

Soil conductivity (mmhos/cm): Click to enter text.

Method of application: Click to enter text.

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

Attachment: Click to enter text.

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: Click to enter text.

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

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: Click to enter text.

Area of bed(s), in acres: <u>Click to enter text.</u>

Depth of bed(s), in feet: Click to enter text.

Void ratio of soil in the beds: Click to enter text.

Storage volume within the beds, in acre-feet: Click to enter text.

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

Attachment: Click to enter text.

Area used for application, in acres: Click to enter text. Slopes for application area, percent (%): Click to enter text. Design application rate, in gpm/foot of slope width: Click to enter text. Slope length, in feet: Click to enter text. Design BOD5 loading rate, in lbs BOD5/acre/day: Click to enter text. Design application frequency: hours/day: Click to enter text. And days/week: Click to enter text. Attach a separate engineering report with the method of application and design requirements according to 30 TAC Chapter 217. Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 72)

| Is the facility subject to 30 TAC Chapter 213, Edwards Aquifer Rules? |
|---|
| □ Yes □ No |
| If yes , is the facility located on the Edwards Aquifer Recharge Zone? |
| □ Yes □ No |
| If yes, attach a geological report addressing potential recharge features. |
| Attachment: Click to enter text. |

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

| Section 1. Subsurface Application (Instructions Page 73) | | | | |
|---|--|--|--|--|
| Identify the type of system: | | | | |
| □ Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD) | | | | |
| □ Low Pressure Dosing | | | | |
| ☐ Other, specify: <u>Click to enter text.</u> | | | | |
| Application area, in acres: Click to enter text. | | | | |
| Area of drainfield, in square feet: Click to enter text. | | | | |
| Application rate, in gal/square foot/day: Click to enter text. | | | | |
| Depth to groundwater, in feet: Click to enter text. | | | | |
| Area of trench, in square feet: Click to enter text. | | | | |
| Dosing duration per area, in hours: <u>Click to enter text.</u> | | | | |
| Number of beds: Click to enter text. | | | | |
| Dosing amount per area, in inches/day: Click to enter text. | | | | |
| Infiltration rate, in inches/hour: Click to enter text. | | | | |
| Storage volume, in gallons: <u>Click to enter text.</u> | | | | |
| Area of bed(s), in square feet: Click to enter text. | | | | |
| Soil Classification: <u>Click to enter text.</u> | | | | |
| Attach a separate engineering report with the information required in $30\ TAC\ \S\ 309.20$, excluding the requirements of $\S\ 309.20\ b(3)(A)$ and (B) design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation. | | | | |
| Attachment: Click to enter text. | | | | |
| Section 2. Edwards Aquifer (Instructions Page 73) | | | | |
| Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ? | | | | |
| □ Yes □ No | | | | |
| Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ? | | | | |
| □ Yes □ No | | | | |
| If ves to either question, the subsurface system may be prohibited by 30 TAC §213.8. Please | | | | |

call the Municipal Permits Team, at 512-239-4671, to schedule a pre-application meeting.

DOMESTIC WASTEWATER PERMIT APPLICATION **WORKSHEET 3.3: SUBSURFACE AREA DRIP DISPERSAL** (SADDS) LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** subsurface area drip dispersal system permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **meets** the definition of a subsurface area drip dispersal system as defined in 30 TAC Chapter 222, Subsurface Area Drip Dispersal System.

| Se | ction 1. Administrative Information (Instructions Page 74) |
|----|---|
| Α. | Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility: |
| В. | <u>Click to enter text.</u> Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility? |
| | □ Yes □ No |
| | If no , provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located. |
| | Click to enter text. |
| C. | Owner of the subsurface area drip dispersal system: <u>Click to enter text.</u> |
| D. | Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located? |
| | □ Yes □ No |
| | If no , identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C. |
| | Click to enter text. |
| Е. | Owner of the land where the subsurface area drip dispersal system is located: <u>Click to enter text.</u> |
| F. | Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system? \[\textstyle \text{Yes} \textstyle \text{No} \] |
| | If no , identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E. |
| | Click to enter text. |
| | |

Section 2. Subsurface Area Drip Dispersal System (Instructions Page

| A. | Type of system |
|----|---|
| | □ Subsurface Drip Irrigation |
| | □ Surface Drip Irrigation |
| | □ Other, specify: <u>Click to enter text.</u> |
| B. | Irrigation operations |
| | Application area, in acres: Click to enter text. |
| | Infiltration Rate, in inches/hour: Click to enter text. |
| | Average slope of the application area, percent (%): Click to enter text. |
| | Maximum slope of the application area, percent (%): Click to enter text. |
| | Storage volume, in gallons: <u>Click to enter text.</u> |
| | Major soil series: Click to enter text. |
| | Depth to groundwater, in feet: Click to enter text. |
| C. | Application rate |
| | Is the facility located west of the boundary shown in <i>30 TAC § 222.83</i> and also using a vegetative cover of non-native grasses over seeded with cool season grasses during the winter months (October-March)? |
| | □ Yes □ No |
| | If yes, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day. |
| | Is the facility located east of the boundary shown in <i>30 TAC § 222.83</i> or in any part of the state when the vegetative cover is any crop other than non-native grasses? |
| | □ Yes □ No |
| | If yes , the facility must use the formula in <i>30 TAC §222.83</i> to calculate the maximum hydraulic application rate. |
| | Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director? |
| | □ Yes □ No |
| | Hydraulic application rate, in gal/square foot/day: Click to enter text. |
| | Nitrogen application rate, in lbs/gal/day: Click to enter text. |
| D. | Dosing information |
| | Number of doses per day: Click to enter text. |
| | Dosing duration per area, in hours: <u>Click to enter text.</u> |

Rest period between doses, in hours: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

| | Number of zones: Click to enter text. |
|----|---|
| | Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop? |
| | □ Yes □ No |
| | If yes , provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting. |
| | Attachment: Click to enter text. |
| Se | ction 3. Required Plans (Instructions Page 74) |
| A. | Recharge feature plan |
| | Attach a Recharge Feature Plan with all information required in 30 TAC §222.79. |
| | Attachment: Click to enter text. |
| B. | Soil evaluation |
| | Attach a Soil Evaluation with all information required in 30 TAC §222.73. |
| | Attachment: Click to enter text. |
| C. | Site preparation plan |
| | Attach a Site Preparation Plan with all information required in 30 TAC §222.75. |
| | Attachment: Click to enter text. |
| D. | Soil sampling/testing |
| | Attach soil sampling and testing that includes all information required in <i>30 TAC §222.157</i> . |
| | Attachment: Click to enter text. |
| • | |
| Se | ction 4. Floodway Designation (Instructions Page 75) |
| A. | Site location |
| | Is the existing/proposed land application site within a designated floodway? |
| | □ Yes □ No |
| B. | Flood map |
| | Attach either the FEMA flood map or alternate information used to determine the floodway. |
| | Attachment: Click to enter text. |
| Ca | |
| 36 | ction 5. Surface Waters in the State (Instructions Page 75) |

S

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

Attachment: Click to enter text.

| Do you plan to request a buffer variance from water wells or waters in the state? |
|---|
| □ Yes □ No |
| If yes, then attach the additional information required in 30 TAC § 222.81(c). |
| Attachment: Click to enter text. |
| Castion C. Edwards Assifor (Instructions Dags 75) |
| Section 6. Edwards Aquifer (Instructions Page 75) |
| A. Is the SADDS located over the Edwards Aquifer Recharge Zone as mapped by TCEQ? |
| □ Yes □ No |
| B. Is the SADDS located over the Edwards Aquifer Transition Zone as mapped by TCEQ? |
| □ Yes □ No |
| If yes to either question , then the SADDS may be prohibited by <i>30 TAC §213.8</i> . Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting. |

B. Buffer variance request

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 4.0: POLLUTANT ANALYSIS REQUIREMENTS

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

This worksheet is not required minor amendments without renewal.

Section 1. Toxic Pollutants (Instructions Page 76)

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

Grab □ Composite □

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

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 |

| Pollutant | AVG Effluent Conc. (µg/l) | MAX Effluent Conc. (µg/l) | Number of Samples | MAL (μg/l) |
|------------------------|---------------------------------|---------------------------------|----------------------|---------------|
| 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 |

| Pollutant | AVG Effluent Conc. (μg/l) | MAX Effluent Conc. (µg/l) | Number of Samples | MAL (μg/l) |
|-------------------------------|---------------------------------|---------------------------------|----------------------|------------|
| Endosulfan II (beta) | | | | 0.02 |
| Endosulfan Sulfate | | | | 0.1 |
| Endrin | | | | 0.02 |
| Epichlorohydrin | | | | |
| Ethylbenzene | | | | 10 |
| Ethylene Glycol | | | | |
| Fluoride | | | | 500 |
| Guthion | | | | 0.1 |
| Heptachlor | | | | 0.01 |
| Heptachlor Epoxide | | | | 0.01 |
| Hexachlorobenzene | | | | 5 |
| Hexachlorobutadiene | | | | 10 |
| Hexachlorocyclohexane (alpha) | | | | 0.05 |
| Hexachlorocyclohexane (beta) | | | | 0.05 |
| gamma-Hexachlorocyclohexane | | | | 0.05 |
| (Lindane) | | | | |
| Hexachlorocyclopentadiene | | | | 10 |
| Hexachloroethane | | | | 20 |
| Hexachlorophene | | | | 10 |
| 4,4'-Isopropylidenediphenol | | | | 1 |
| Lead | | | | 0.5 |
| Malathion | | | | 0.1 |
| Mercury | | | | 0.005 |
| Methoxychlor | | | | 2 |
| Methyl Ethyl Ketone | | | | 50 |
| Methyl tert-butyl ether | | | | |
| Mirex | | | | 0.02 |
| Nickel | | | | 2 |
| Nitrate-Nitrogen | | | | 100 |
| Nitrobenzene | | | | 10 |
| N-Nitrosodiethylamine | | | | 20 |
| N-Nitroso-di-n-Butylamine | | | | 20 |
| Nonylphenol | | | | 333 |

| Pollutant | AVG Effluent Conc. (µg/l) | MAX Effluent Conc. (µg/l) | Number of Samples | MAL (μg/l) |
|--|---------------------------------|---------------------------------|----------------------|---------------|
| Parathion (ethyl) | | | | 0.1 |
| Pentachlorobenzene | | | | 20 |
| Pentachlorophenol | | | | 5 |
| Phenanthrene | | | | 10 |
| Polychlorinated Biphenyls (PCB's) (*3) | | | | 0.2 |
| Pyridine | | | | 20 |
| Selenium | | | | 5 |
| Silver | | | | 0.5 |
| 1,2,4,5-Tetrachlorobenzene | | | | 20 |
| 1,1,2,2-Tetrachloroethane | | | | 10 |
| Tetrachloroethylene | | | | 10 |
| Thallium | | | | 0.5 |
| Toluene | | | | 10 |
| Toxaphene | | | | 0.3 |
| 2,4,5-TP (Silvex) | | | | 0.3 |
| Tributyltin (see instructions for explanation) | | | | 0.01 |
| 1,1,1-Trichloroethane | | | | 10 |
| 1,1,2-Trichloroethane | | | | 10 |
| Trichloroethylene | | | | 10 |
| 2,4,5-Trichlorophenol | | | | 50 |
| TTHM (Total Trihalomethanes) | | | | 10 |
| Vinyl Chloride | | | | 10 |
| Zinc | | | | 5 |

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

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

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

Section 2. Priority Pollutants

| For 1 | pollutants | identified | in | Tables | 4.0(2)A-E, | indicate | type | of | sample. |
|-------|------------|------------|----|---------------|------------|----------|------|----|---------|
|-------|------------|------------|----|---------------|------------|----------|------|----|---------|

Grab □ Composite □

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

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 | | | | 10 |
| [1,3-Dichloropropene] | | | | |
| 1,2-Trans-Dichloroethylene | | | | 10 |
| Ethylbenzene | | | | 10 |
| Methyl Bromide | | | | 50 |
| Methyl Chloride | | | | 50 |
| Methylene Chloride | | | | 20 |
| 1,1,2,2-Tetrachloroethane | | | | 10 |
| Tetrachloroethylene | | | | 10 |
| Toluene | | | | 10 |
| 1,1,1-Trichloroethane | | | | 10 |
| 1,1,2-Trichloroethane | | | | 10 |
| Trichloroethylene | | | | 10 |
| Vinyl Chloride | | | | 10 |

Table 4.0(2)C - Acid Compounds

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

Table 4.0(2)D - Base/Neutral Compounds

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

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

Table 4.0(2)E - Pesticides

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

^{*} For PCBS, if all are non-detects, enter the highest non-detect preceded by a "<".

Section 3. Dioxin/Furan Compounds A. Indicate which of the following compounds from may be present in the influent from a contributing industrial user or significant industrial user. Check all that apply. 2,4,5-trichlorophenoxy acetic acid Common Name 2,4,5-T, CASRN 93-76-5 2-(2,4,5-trichlorophenoxy) propanoic acid Common Name Silvex or 2,4,5-TP, CASRN 93-72-1 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate Common Name Erbon, CASRN 136-25-4 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate Common Name Ronnel, CASRN 299-84-3 2,4,5-trichlorophenol Common Name TCP, CASRN 95-95-4 hexachlorophene Common Name HCP, CASRN 70-30-4 For each compound identified, provide a brief description of the conditions of its/their presence at the facility. 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? |

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 ${f or}$ 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 Equivalenc y Factors | Wastewater Concentration (ppq) | Wastewater Equivalents (ppq) | Sludge Concentration (ppt) | Sludge Equivalents (ppt) | MAL (ppq) |
|------------------------|----------------------------------|--------------------------------------|------------------------------------|----------------------------------|--------------------------------|--------------|
| 2,3,7,8 TCDD | 1 | | | | | 10 |
| 1,2,3,7,8 PeCDD | 0.5 | | | | | 50 |
| 2,3,7,8 HxCDDs | 0.1 | | | | | 50 |
| 1,2,3,4,6,7,8 HpCDD | 0.01 | | | | | 50 |
| 2,3,7,8 TCDF | 0.1 | | | | | 10 |
| 1,2,3,7,8 PeCDF | 0.05 | | | | | 50 |
| 2,3,4,7,8 PeCDF | 0.5 | | | | | 50 |
| 2,3,7,8 HxCDFs | 0.1 | | | | | 50 |
| 2,3,4,7,8 HpCDFs | 0.01 | | | | | 50 |
| OCDD | 0.0003 | | | | | 100 |
| OCDF | 0.0003 | | | | | 100 |
| PCB 77 | 0.0001 | | | | | 0.5 |
| PCB 81 | 0.0003 | | | | | 0.5 |
| PCB 126 | 0.1 | | | | | 0.5 |
| PCB 169 | 0.03 | | | | | 0.5 |
| Total | | | | | | |

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 5.0: TOXICITY TESTING REQUIREMENTS

The following **is required** for facilities with a current operating design flow of **1.0 MGD or greater**, with an EPA-approved **pretreatment** program (or those required to have one under 40 CFR Part 403), or are required to perform Whole Effluent Toxicity testing. See Page 86 of the instructions for further details.

This worksheet is not required minor amendments without renewal.

Section 1. Required Tests

Indicate the number of 7-day chronic or 48-hour acute Whole Effluent Toxicity (WET) tests performed in the four and one-half years prior to submission of the application.

7-day Chronic: <u>Click to enter text.</u>
48-hour Acute: <u>Click to enter text.</u>

| Section 2. | Toxicity Reduction Evaluations (TREs) | |
|----------------------------------|---|---|
| Has this facility performing a T | completed a TRE in the past four and a half years? Or is the facility currently RE? | 7 |
| □ Yes □ | No | |
| If yes, describe | the progress to date, if applicable, in identifying and confirming the toxicant | |
| Click to enter | text. | |

Section 3. Summary of WET Tests

If the required biomonitoring test information has not been previously submitted via both the Discharge Monitoring Reports (DMRs) and the Table 1 (as found in the permit), provide a summary of the testing results for all valid and invalid tests performed over the past four and one-half years. Make additional copies of this table as needed.

Table 5.0(1) Summary of WET Tests

| Test Date | Test Species | NOEC Survival | NOEC Sub-lethal |
|-----------|--------------|---------------|-----------------|
| | | | |
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DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 87)

A. Industrial users (IUs)

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

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

Categorical IUs:

Number of IUs: o

Average Daily Flows, in MGD: o

Significant IUs - non-categorical:

Number of IUs: o

Average Daily Flows, in MGD: o

Other IUs:

Number of IUs: o

Average Daily Flows, in MGD: o

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. |
|----------------------|
| |
| |
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| |

| | 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. |
| Se | ction 2. POTWs with Approved Programs or Those Required to Develop a Program (Instructions Page 87) |
| A. | Substantial modifications |
| | Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to <i>40 CFR §403.18</i> ? |
| | □ Yes ⊠ No |
| | If yes , identify the modifications that have not been submitted to TCEQ, including the purpose of the modification. |
| | Click to enter text. |
| | |
| | |
| | |
| | |
| | |

C. Treatment plant pass through

| □ Yes ⊠ | | a to religion te. | riew and accep | mance: |
|--|--|-------------------|----------------|--------------------|
| Li les 🖾 | No | | | |
| | non-substantial morpose of the modific | | ave not been | submitted to TCEQ, |
| Click to enter tex | xt. | | | |
| C. Effluent paramet | ters above the MAL | | | |
| | st all parameters me g the last three year eters Above the MAL | | | |
| Pollutant | Concentration | MAL | Units | Date |
| | | | | |
| | | | | |
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| | | | | |
| | | | | |
| | | | | |
| | | | | |
| . Industrial user ir | nterruptions | | | |
| Has any SIU, CIU, | nterruptions or other IU caused pass throughs) at yo | | , - | |
| Has any SIU, CIU, | or other IU caused | | , - | |
| Has any SIU, CIU, interferences or p Yes If yes, identify th | or other IU caused pass throughs) at yo No | ur POTW in the pa | ast three year | s? |
| Has any SIU, CIU, interferences or p Yes If yes, identify th | or other IU caused pass throughs) at yo No ne industry, describe and probable pollut | ur POTW in the pa | ast three year | s? |
| Has any SIU, CIU, interferences or p Yes If yes, identify the of the problems, and the problems. | or other IU caused pass throughs) at yo No ne industry, describe and probable pollut | ur POTW in the pa | ast three year | s? |
| Has any SIU, CIU, interferences or p Yes If yes, identify the of the problems, and the problems. | or other IU caused pass throughs) at yo No ne industry, describe and probable pollut | ur POTW in the pa | ast three year | s? |
| interferences or p ☐ Yes ☐ If yes, identify th of the problems, | or other IU caused pass throughs) at yo No ne industry, describe and probable pollut | ur POTW in the pa | ast three year | |
| Has any SIU, CIU, interferences or p Yes If yes, identify the of the problems, and the problems. | or other IU caused pass throughs) at yo No ne industry, describe and probable pollut | ur POTW in the pa | ast three year | s? |

B. Non-substantial modifications

Section 3. Significant Industrial User (SIU) Information and Categorical Industrial User (CIU) (Instructions Page 88)

| | Categorical industrial User (CIU) (instructions Page 88) |
|----|---|
| A. | General information |
| | Company Name: Click to enter text. |
| | SIC Code: Click to enter text. |
| | Contact name: Click to enter text. |
| | Address: Click to enter text. |
| | City, State, and Zip Code: Click to enter text. |
| | Telephone number: Click to enter text. |
| | Email address: Click to enter text. |
| B. | Process information |
| | Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater). |
| | 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

Intermittent

Batch

| Pretreatment standards |
|---|
| Is the SIU or CIU subject to technically based local limits as defined in the <i>i</i> nstructions? |
| □ Yes □ No |
| Is the SIU or CIU subject to categorical pretreatment standards found in 40 CFR Parts 405 - 471 ? |
| □ Yes □ No |
| If subject to categorical pretreatment standards , indicate the applicable category and subcategory for each categorical process. |
| Category: Subcategories: Click to enter text. |
| Click or tap here to enter text. Click to enter text. |
| Category: Click to enter text. |
| Subcategories: Click to enter text. |
| Category: Click to enter text. |
| Subcategories: <u>Click to enter text.</u> |
| Category: Click to enter text. |
| Subcategories: <u>Click to enter text.</u> |
| Category: Click to enter text. |
| Subcategories: <u>Click to enter text.</u> |
| 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. |
| |
| |
| |
| |

E.

F.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit the completed form to:

TCEQ IUC Permits Team Radioactive Materials Division MC-233 PO Box 13087 Austin, Texas 78711-3087 512-239-6466

| For TCEQ Use Only | |
|-------------------|--|
| Reg. No | |
| Date Received | |
| Date Authorized | |

Section 1. General Information (Instructions Page 90)

| 1. | TCEQ Program Are | a |
|----|------------------|---|
|----|------------------|---|

Program Area (PST, VCP, IHW, etc.): Click to enter text.

Program ID: Click to enter text.

Contact Name: <u>Click to enter text.</u>
Phone Number: <u>Click to enter text.</u>

2. Agent/Consultant Contact Information

Contact Name: Click to enter text.

Address: Click to enter text.

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

Phone Number: Click to enter text.

3. Owner/Operator Contact Information

□ Owner □ Operator

Owner/Operator Name: Click to enter text.

Contact Name: Click to enter text.

Address: Click to enter text.

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

Phone Number: Click to enter text.

4. Facility Contact Information

Facility Name: Click to enter text.

Address: Click to enter text.

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

Location description (if no address is available): Click to enter text.

Facility Contact Person: Click to enter text.

Phone Number: Click to enter text.

| 5. | Latitude and Longitude, in degrees-influtes-seconds |
|--------|---|
| | Latitude: Click to enter text. |
| | Longitude: Click to enter text. |
| | Method of determination (GPS, TOPO, etc.): Click to enter text. |
| | Attach topographic quadrangle map as attachment A. |
| 6. | Well Information |
| | Type of Well Construction, select one: |
| | □ Vertical Injection |
| | □ Subsurface Fluid Distribution System |
| | ☐ Infiltration Gallery |
| | ☐ Temporary Injection Points |
| | □ Other, Specify: <u>Click to enter text.</u> |
| | Number of Injection Wells: <u>Click to enter text.</u> |
| 7. | Purpose |
| | Detailed Description regarding purpose of Injection System: |
| | Click to enter text. |
| | |
| | |
| | |
| | Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.) |
| 8. | Water Well Driller/Installer |
| | Water Well Driller/Installer Name: Click to enter text. |
| | City, State, and Zip Code: <u>Click to enter text.</u> |
| | Phone Number: Click to enter text. |
| | License Number: <u>Click to enter text.</u> |
| ectio | n 2. Proposed Down Hole Design |
| | diagram signed and sealed by a licensed engineer as Attachment C. |
| | |
| | 0(1) – Down Hole Design Table |
| Jame d | of Size Setting Sacks Cement/Grout - Hole Weight |

Та

| Name of String | Size | Setting Depth | Sacks Cement/Grout - Slurry Volume - Top of Cement | Hole Size | Weight (lbs/ft) PVC/Steel |
|-------------------|------|------------------|--|--------------|---------------------------|
| Casing | | | | | |
| Tubing | | | | | |
| Screen | | | | | |

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: <u>Click to enter text.</u> System(s) Construction: Click to enter text.

| Section 4. | Site Hydroge | ological and In | jection Zone Data |
|------------|--------------|-----------------|-------------------|
| | | <u> </u> | |

- 1. Name of Contaminated Aquifer: Click to enter text.
- 2. Receiving Formation Name of Injection Zone: Click to enter text.
- 3. Well/Trench Total Depth: Click to enter text.
- **4.** Surface Elevation: Click to enter text.
- **5.** Depth to Ground Water: <u>Click to enter text.</u>
- **6.** Injection Zone Depth: <u>Click to enter text.</u>
- 7. Injection Zone vertically isolated geologically? ☐ Yes ☐ No Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: Click to enter text.

Thickness: Click to enter text.

- **8.** Provide a list of contaminants and the levels (ppm) in contaminated aquifer Attach as Attachment E.
- **9.** Horizontal and Vertical extent of contamination and injection plume Attach as Attachment F.
- **10.** Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc. Attach as Attachment G.
- **11.** Injection Fluid Chemistry in PPM at point of injection Attach as Attachment H.
- 12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: Click to enter text.
- 13. Maximum injection Rate/Volume/Pressure: Click to enter text.
- **14.** Water wells within 1/4 mile radius (attach map as Attachment I): Click to enter text.
- 15. Injection wells within 1/4 mile radius (attach map as Attachment J): <u>Click to enter text.</u>
- **16.** Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): Click to enter text.
- 17. Sampling frequency: Click to enter text.
- **18.** Known hazardous components in injection fluid: Click to enter text.

Section 5. Site History

- **1.** Type of Facility: Click to enter text.
- **2.** Contamination Dates: Click to enter text.
- 3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): Click to enter text.
- **4.** Previous Remediation (attach results of any previous remediation as attachment M): Click to enter text.

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

- 5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool buildings)
- 5A19 Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
- 5B22 Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
- 5D02 Storm Water Drainage (IW designed for the disposal of rain water)
- 5D04 Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
- 5F01 Agricultural Drainage (IW that receive agricultural runoff)
- 5R21 Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
- 5S23 Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
- 5W09 Untreated Sewage
- 5W10 Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
- 5W11 Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
- 5W12 WTTP disposal
- 5W20 Industrial Process Waste Disposal Wells
- 5W31 Septic System (Well Disposal method)
- 5W32 Septic System Drainfield Disposal
- 5X13 Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
- 5X25 Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
- 5X26 Aguifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
- 5X27 Other Wells
- 5X28 Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site These are currently banned)
- 5X29 Abandoned Drinking Water Wells (waste disposal)

TEXAS COMMISSION ON ENVIRONMENTAL OUALITY



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

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

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

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

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

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

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

Prariland Independent School District (CN603144478) operates Prairiland Independent School District Wastewater Treatment Plant (RN104011648), a lagoon treatment plant. The facility is located 1,650 feet west of Farm to Market Road, approximately 3,000feet southwest of the intersection of the intersection of Farm-to Market Road 196 and US HWY 271, Lamar County, Texas 75438. This permit will not authorize a discharge of pollutants into water in the state

Discharges from the facility are expected to contain carbonaceous biochemical oxygen demand(CBod5), total suspended solids(TSS), ammonia nitrogen (NH5-N), and Escherichia coli Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by a lagoon treatment system which includes a detention time of approximately 28 day for ultraviolet treatment. After which is recycled to the head of the lagoons via sprinklers when then evaporates. We try and normally have no discharge.

Discharges from the facility are expected to contain PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

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

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo TCEQ-20972 (11/08/2024)

Page PAGE * MERGEFORMAT 1 of = NUMPAGES 6 6 Wastewater Individual Permit Application, Plain Language Template

- 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.
- 1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6########).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1######), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.
- 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

Se espera que las descargas de la instalación contengan INSTRUCTIONS

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

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wq-area.com/wq-area.com

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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

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

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

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

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

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

Example 2: Domestic Wastewater TPDES Renewal application

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

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

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

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

Example 3: Domestic Wastewater TPDES New Application

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

The City of Texas (CN000000000) proposes to operate the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

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

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

Example 4: Domestic Wastewater TLAP Renewal application

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

of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

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

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

Francesca Findlay

From: jackbaker <jackbaker@blossomtel.com>
Sent: Wednesday, October 22, 2025 10:12 AM

To: Francesca Findlay

Subject: Re: WQ0014473001 Prairiland Independent School District

Attachments: 10054School.docx

There is the Technical report for the school what else is it that i need to submit. during our phone conversation last week you said something about a map you sent me and i did not see it in my emails.

Thanks Jack

Francesca Findlay

From: jackbaker < jackbaker@blossomtel.com> Friday, October 17, 2025 1:36 PM Sent: To: Francesca Findlay Subject: Re: FW: WQ0014473001 Prairiland Independent School District **Attachments:** 20972schoolSPLIF.docx On 2025-10-14 10:46, Francesca Findlay wrote: > Dear Mr. Baker: > > The attached Notice of Deficiency letter sent on October 14, 2025, > requesting additional information needed to declare the application > administratively complete. Please send the complete response to my > attention October 28, 2025. > > Thank you, > Francesca Findlay > License & Permit Specialist > ARP Team | Water Quality Division > 512-239-2441 > Texas Commission on Environmental Quality > Please consider whether it is necessary to print this e-mail > > How is our customer service? Fill out our online customer satisfaction > survey at https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.tceq.texas.gov%2 Fcustomersurvey&data=05%7C02%7CFrancesca.Findlay%40tceq.texas.gov%7C718efdec5aa6 4162237508de0dad48cd%7C871a83a4a1ce4b7a81563bcd93a08fba%7C0%7C0%7C63896323 5215536956%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWUsIlYiOiIwLjAu MDAwMCIsIlAiOiJXaW4zMiIsIkFOIjoiTWFpbCIsIldUIjoyfQ%3D%3D%7C0%7C%7C%s data=NnxjRkVOY5q3OFRyKISPHX%2Bjg88tO1Y%2Bu5dXYAC5RxQ%3D&reserved=0 [1]. > > > Links:

> -----

>[1]

- > https://nam11.safelinks.protection.outlook.com/?url=http%3A%2F%2Fwww.t
- > ceq.texas.gov%2Fcustomersurvey&data=05%7C02%7CFrancesca.Findlay%40tceq
- >. texas.gov%7C718efdec5aa64162237508de0dad48cd%7C871a83a4a1ce4b7a81563b

cd93a08fba%7C0%7C0%7C638963235215571808%7CUnknown%7CTWFpbGZsb3d8eyJFbX

> B0eU1hcGkiOnRydWUsIIYiOiIwLjAuMDAwMCIsIIAiOiJXaW4zMiIsIkFOIjoiTWFpbCIs

IldUIjoyfQ%3D%3D%7C0%7C%7C%7C&sdata=wMwklck6%2FlWgybAVKXn930N314Bm%2Fu

> SAMzp%2FatcpMNo%3D&reserved=0

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:RenewalMajor AmendmentMinor AmendmentNew |
| County: Segment Number: |
| Admin Complete Date: |
| Agency Receiving SPIF: |
| Texas Historical Commission U.S. Fish and Wildlife |
| Texas Parks and Wildlife Department U.S. Army Corps of Engineers |
| |
| This form applies to TPDES permit applications only. (Instructions, Page 53) |
| Complete this form as a separate document. TCEQ will mail a copy to each agency as required by our agreement with EPA. If any of the items are not completely addressed or further information is needed, we will contact you to provide the information before issuing the permit. Address each item completely. |
| Do not refer to your response to any item in the permit application form. Provide each attachment for this form separately from the Administrative Report of the application. The application will not be declared administratively complete without this SPIF form being completed in its entirety including all attachments. Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at WQ-ARPTeam@tceq.texas.gov or by phone at (512) 239-4671. |
| The following applies to all applications: |
| 1. Permittee: <u>Prarieland Independent School District</u> |
| Permit No. WQ00 <u>0014473001</u> EPA ID No. TX <u>0126136</u> |
| Address of the project (or a location description that includes street/highway, city/vicinity, and county): |
| <u>Located, approximately 3,000 feet southwest of the intersection of Farm-to-Market Road 196 and US HWY 271, in Lamar County, Texas 75468.</u> |
| |
| |
| |
| |
| |

| Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property. |
|--|
| Prefix (Mr., Ms., Miss): Mr. |
| First and Last Name: <u>Jack Baker</u> |
| Credential (P.E, P.G., Ph.D., etc.): <u>Wastewater Operator</u> |
| Title: Wastewater Operator |
| Mailing Address: 466 FM 196 South |
| City, State, Zip Code: <u>Pattonville, Tx, 75468</u> |
| Phone No.: <u>903-715-9851</u> Ext.: Fax No.: <u>903-652-4086</u> |
| E-mail Address: jackbaker@blossomtel.com |
| List the county in which the facility is located: <u>Lamar</u> |
| If the property is publicly owned and the owner is different than the permittee/applicant, |
| please list the owner of the property. N/A |
| N/A |
| |
| |
| 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. |
| Unnamed ditch, thence to an unnamed tributary, thence to Bee Bayou, thence to West |
| Brushy Creek, thence Little Sandy Creek, to the Sulphur / South Sulphur river in Segment |
| No. 0303 of the Sulphur River Basin. |
| |
| 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). |
| |
| required in addition to the map in the administrative report). |
| required in addition to the map in the administrative report). Provide original photographs of any structures 50 years or older on the property. |
| 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. |
| 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 |
| 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 |
| 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 |

2.3.

4.

5.

| | | Disturbance of vegetation or wetlands |
|----|----------|--|
| 1. | | posed construction impact (surface acres to be impacted, depth of excavation, sealing s, or other karst features): |
| | N/A | |
| | | |
| 2. | Describe | e existing disturbances, vegetation, and land use: |
| | N/A | |
| | | |
| | | |
| | | WING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR NTS TO TPDES PERMITS |
| 3. | | struction dates of all buildings and structures on the property: |
| | N/A | |
| | | |
| | | |
| 4. | | a brief history of the property, and name of the architect/builder, if known. |
| | N/A | |
| | | |
| | | |



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

| | for Submission | • | • | | • | • | , | | _ | | _ | |
|-----------------------|---------------------------------------|---------------------|---------------------|-------------------------------|-------------------------|-----------------|--------------------|----------------------------|-------------|--------------------|--------------|--------------------|
| ☐ New Per | mit, Registration | or Authori | zation (<i>Cor</i> | e Data Form | shou | ld be s | | | the progr | am app | plication.) | |
| | l (Core Data Forn | | | | | | | | | | | |
| 2. Custome | er Reference N | umber (if | issued) | Follow this search for | <u>is link</u> CN or | <u>to</u> RN | 3. Re | gulat | ed Entity | ⁷ Refei | rence Nun | nber (if issued) |
| CN 60314 | 14478 | | | numbers i Regist | | <u>tral</u> | RN | 1040 | 11648 | | | |
| SECTIO | N II: Cust | <u>tomer</u> | <u>Inforn</u> | <u>nation</u> | | | | | | | | |
| 4. General | Customer Info | rmation | 5. Effecti | ve Date fo | r Cu | stome | er Infor | mati | on Updat | es (mn | n/dd/yyyy) | |
| ☐ New Cust☐ Change in | omer Legal Name (Ver | rifiable with | _ | late to Custo Secretary of | | | | ptroll | | _ | 0 | l Entity Ownership |
| | mer Name sub etary of State | | - | - | | | - | | | curre | nt and act | ive with the |
| 6. Custome | er Legal Name | (If an indivi | dual, print l | last name fir | rst: eg | : Doe, | John) | <u>If ne</u> | w Custome | er, ente | r previous (| Customer below: |
| Prariland In | Prariland Independent School District | | | | | | | | | | | |
| | CPA Filing Nu | 8. TX Sta | te Tax ID (| (11 di | gits) | | 9. Fo (9 di | e deral Ta gits) | x ID | 10. DUN applicable | S Number (if | |
| 11. Type o | f Customer: | ☐ Corpor | ation | | | [| ☐ Indivi | dual | | Partn | ership: 🔲 (| General 🗌 Limited |
| Government | : City Cour | nty 🗌 Feder | al 🗌 Local | ☐ State 🛛 | Othe | r [| ☐ Sole P | roprie | etorship | ☐ Ot | her: | |
| | r of Employee | | 251-500 | ☐ 501 ar | nd hia | hor | | 13. ☐ ⊠ Y | | lently | | nd Operated? |
| | ner Role (Propos | | | | | | ntity liste | | | | | f the following |
| ⊠Owner □Occupatio | | ☐ Operator | | | | & Ope | rator olicant | | ☐ Other | : | | |
| 15 | | | | | | | | | | | | |
| 15. Mailing | Prariland Indep 466 FM 196 | oendent Sch | ool District | | | | | | | | | |
| Address: | City Pattor | nville | | State | TX | | ZIP | 7546 | 68 | | ZIP + 4 | |
| 16. Countr | y Mailing Info | rmation (if | outside USA | 4) | | 17. | E-Mail A | Addro | ess (if app | olicable, |) | L |
| | | | | | | publ | icworks | @depo | orttexas.go | OV | | |
| 18. Teleph | one Number | | | 19. Extens | ion o | r Coc | le | | 20. Fax | Numb | er (if appli | cable) |
| (903) 652 | -6476 | | | | | | | | (903) | 652-37 | 38 | |
| SECTIO | V III: Re | gulate | <u>d Entit</u> | y Info | rm | atic | <u>n</u> | | | | | |
| | l Regulated En | • | • | | | - | | | - | | | required.) |
| ☐ New Regu | ılated Entity | ☑ Update to | Regulated | Entity Name | e [| Upd | ate to Re | egulat | ed Entity I | nforma | ation | |
| | ated Entity Nat onal endings s | | | | , in o | rder | to meet | t TCE | EQ Core I | Oata S | tandards | (removal of |
| 22. Regula | ted Entity Nam | ne (Enter na | me of the si | ite where the | e regu | ılated | action is | takin | g place.) | | | |
| Prairiland In | dependent Schoo | ol District | | | | | | | | | | |

TCEQ-10400 (11/22) Page 1 of 2

| 23. Street Address | Prariland Independent School District | | | | | | | | | | | |
|---|--|---------------------------------------|---------------------------|----------------------------|--|---------------------------|----------------------|---------------|------------------------|-------------------|----------------|--|
| of the Regulated Entity: | 466 FM 1 | 96 | | | | | | | | | | |
| (No PO Boxes) | City | Pattonville | St | tate | TX | Z | IP | 7546 | 58 | ZIP + 4 | | |
| 24. County | Lamat | | | | • | • | | | | | | |
| |] | If no Street | Address | is provid | led, fiel | ds 2 | 5-28 ar | e reqi | uired. | | | |
| 25. Description to Physical Location: | | | | | | | | | | | | |
| 26. Nearest City | | | | | | | | State | ! | Ne | arest ZIP Code | |
| Latitude/Longitude a Physical Address ma | | | | | | | | | | | | |
| 27. Latitude (N) In De | 27. Latitude (N) In Decimal: 33.56976 | | | | | | gitude | (W) I1 | n Decimal: | -95.394 | 270 | |
| Degrees | Minutes | | Second | S | Deg | grees | | | Minutes | | Seconds | |
| 29. Primary SIC Code (4 digits) | |). Secondary digits) | SIC Coc | le | 31. Prir (5 or 6 d | | | S Code | e 32. Sec (5 or 6 d | | NAICS Code | |
| 33. What is the Prima | ary Busin | ess of this | entity? | (Do not re | peat the | SIC o | or NAICS | descr | iption.) | | | |
| School | | | | | | | | | | | | |
| | Prarilan | Prariland Independent School District | | | | | | | | | | |
| 34. Mailing Address: | 466 Fm 196 | | | | | | | | | | | |
| Address. | City | City Pattonville State | | | TX | | ZIP | 7546 | 68 | ZIP + 4 | | |
| 35. E-Mail Address: | jho | ostetler@prai | riland.net | t | | | | | | | | |
| 36. Telephone Numb | er | | 37. E | xtension | or Code 38. Fax Number (if applicable) | | | | | | | |
| (903) 652-6476 | | | | | (903) 652-3738 | | | | | | | |
| 9. TCEQ Programs an pdates submitted on this | d ID Num form. See | bers Check the Core Data | all Prograi a Form ins | ms and wri structions i | te in the for additi | perm onal | nits/regi guidanc | stratio e. | | | | |
| ☐ Dam Safety | ☐ Di | stricts | ☐ Edwa | rds Aquife | r | ☐ Emissions Inventory Air | | | | ☐ Indust Waste | rial Hazardous | |
| ☐ Municipal Solid Wast | | ew Source w Air | OSSF | | | ☐ Petroleum Storage Tank | | | | ☐ PWS | | |
| Chidae | □ C# | orm Water | ☐ Title V Air | | | Tires | | | | ☐ Used (| 751 | |
| ☐ Sludge | | orm water | mie | V AII | | | THES | | | □ Useu (| Л | |
| ☐ Voluntary Cleanup | ⊠ Wa | astewater | □ Waste | ewater Agr | iculture | | Water R | ights | | ☐ Other: | | |
| | WQ00 | 014473001 | | | | | | | | | | |
| SECTION IV: P | repar | er Info | <u>rmati</u> | <u>ion</u> | | | | | | | | |
| 40. Name: Jack Baker | r | | | | 41. Tit | le: | Wastev | water (| Operater | | | |
| 42. Telephone Numbe | er 43. Ex | tt./Code 4 | 4. Fax N | umber | 45. E- | Mail | l Addre | ess | | | | |
| (903)715-9851 | | (| 903)652- | -3738 | jackbaker@blossomtel.com | | | | | | | |
| SECTION V: A | uthor | ized Sid | anatu | re | | | | | | | | |
| | | | | . | | | _ | | | _ | | |

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

| Company: | Prairiland Independent School District | Job Title: | Wastewa | astewater Operater | | | |
|------------------|--|------------|---------|--------------------------|------------|--|--|
| Name (In Print): | Jack Baker | | | (903) 715- 9851 | | | |
| Signature: | | | | Date: | 10/27/2025 | | |

TCEQ-10400 (11/22) Page 2 of 2

| (903) 652-64 | 76 | | | | (903) 652-3738 | | | | |
|-----------------------|------------|--|--|------------|------------------------|------------------------------|---|--|--|
| _ | | mbers Check all Progra ructions for additional g | | s/registra | tion num | bers that will be affected l | by the updates submitted on this | | |
| Dam Safety | | Districts | Edwards Aquifer | | Em | issions Inventory Air | Industrial Hazardous Waste | | |
| Municipal Solid Waste | | New Source Review Air | OSSF | | Petroleum Storage Tank | | PWS | | |
| Sludge | | Storm Water | Title V Air | | Tire | es | Used Oil | | |
| Voluntary Cl | eanup | Wastewater WQ0014473001 | Wastewater Agricultu | ıre | ☐ Wa | ter Rights | Other: | | |
| SECTIO | N IV: Pr | eparer Inf | <u>ormation</u> | | | | | | |
| 40. Name: | Jack Baker | | | 41. Titl | e: | Wastewater Operater | | | |
| 42. Telephone | Number | 43. Ext./Code | 44. Fax Number | 45. E- | Mail Ac | Idress | | | |
| (903) 715-9851 | L | | (903) 652-3738 | jackba | baker@blossomtel.com | | | | |
| SECTIO | N V: Au | thorized S | <u>ignature</u> | | | | | | |
| | | | wledge, that the information tion II, Field 6 and/or as rea | | | | e, and that I have signature authority entified in field 39. | | |

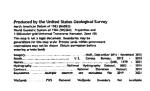
37. Extension or Code

38. Fax Number (if applicable)

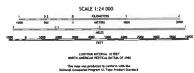
36. Telephone Number

| Company: | Prairiland Independent School District | Job Title: | Wastewat | er Operater | |
|------------------|--|------------|----------|-------------|--------------------------|
| Name (In Print): | Jack Baker | | | Phone: | (903) 715- 9851 |
| Signature: | 4 BC | | | Date: | 10/27/2025 |

TCEQ-10400 (11/22) Page 3 of 3













CONTOUR INTERVAL 10 FEET HORTH ANGRICAN VERTICAL BATUM OF 1588

This map was produced to conform with the was Googletol Program US Topo Product Standard

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DEPORT, TX 2022

Francesca Findlay

From: jackbaker <jackbaker@blossomtel.com>
Sent: yackbaker@blossomtel.com>
Wednesday, October 29, 2025 8:44 AM

To: Francesca Findlay

Subject:Re: WQ0014473001Prairiland Independent School DistrictAttachments:CoreData.docx; 20972schoolSPLIF.docx; 20971schoolSPLIF2.docx

Follow Up Flag: Follow up Flag Status: Flagged

Here is the information you requested I will send another email with the signed page 3 of core data and the map

Jack

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

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

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

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

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

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

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

Prairiland Independent School District (CN603144478) operates Prairiland Independent School District Wastewater Treatment Plant (RN104011648), a lagoon treatment plant. The facility is located, approximately 3,000 feet southwest of the intersection of the intersection of Farm-to Market Road 196 and US HWY 271 in Lamar County, Texas 75468. This permit will not authorize a discharge of pollutants into water in the state

Discharges from the facility are expected to contain carbonaceous biochemical oxygen demand(CBod5), total suspended solids(TSS), ammonia nitrogen (NH5-N), and Escherichia coli Additional potential pollutants are included in the Domestic Technical Report 1.0, Section 7. Pollutant Analysis of Treated Effluent in the permit application package. Domestic wastewater will be treated by a lagoon treatment system which includes a detention time of approximately 28 day for ultraviolet treatment. After which is recycled to the head of the lagoons via sprinklers when then evaporates. We try and normally have no discharge.

Discharges from the facility are expected to contain PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

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

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede TCEQ-20972 (11/08/2024)

Page PAGE * MERGEFORMAT 1 of = NUMPAGES 6 6

Wastewater Individual Permit Application, Plain Language Template

cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

- 1. Introduzca el nombre del solicitante aquí (2. Introduzca el número de cliente aquí (es decir, CN6########).) 3. Elija del menú desplegable 4. Introduzca el nombre de la instalación aquí 5. Introduzca el número de entidad regulada aquí (es decir, RN1######), 6. Elija del menú desplegable 7. Introduzca la descripción de la instalación aquí. La instalación 8. Elija del menú desplegable. ubicada en 9. Introduzca la ubicación aquí, en 10. Introduzca el nombre de la ciudad aquí, Condado de 11. Introduzca el nombre del condado aquí, Texas 12. Introduzca el código postal aquí. 13. Introduzca el resumen de la petición de solicitud aquí. <<Para las solicitudes de TLAP incluya la siguiente oración, de lo contrario, elimine:>> Este permiso no autorizará una descarga de contaminantes en el agua en el estado.
- 14. Liste todos los contaminantes esperados aquí. 15. Introduzca los tipos de aguas residuales descargadas aquí. 16. Elija del menú desplegable tratado por 17. Introduzca una descripción del tratamiento de aguas residuales utilizado en la instalación aquí.

Se espera que las descargas de la instalación contengan INSTRUCTIONS

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

Questions or comments concerning this form may be directed to the Water Quality Division's Application Review and Processing Team by email at <a href="https://www.wq-area.com/wq-area.com

Example 1: Industrial Wastewater TPDES Application (ENGLISH)

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

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

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

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

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

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

Example 2: Domestic Wastewater TPDES Renewal application

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

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

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

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

Example 3: Domestic Wastewater TPDES New Application

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

The City of Texas (CN000000000) proposes to operate the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the extended aeration mode. The facility will be located at 123 Texas Street, in the City of More Texas, Texas County, Texas 71234.

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

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

Example 4: Domestic Wastewater TLAP Renewal application

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

of the permit application.

The City of Texas (CN000000000) operates the City of Texas wastewater treatment plant (RN00000000), an activated sludge process plant operated in the complete mix mode. The facility is located at 123 Texas Street, near the City of More Texas, Texas County, Texas 71234.

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

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

| (903) 652-64 | 76 | | | | (903) 652-3738 | | | | |
|-----------------------|------------|--|--|------------|------------------------|------------------------------|---|--|--|
| _ | | mbers Check all Progra ructions for additional g | | s/registra | tion num | bers that will be affected l | by the updates submitted on this | | |
| Dam Safety | | Districts | Edwards Aquifer | | Em | issions Inventory Air | Industrial Hazardous Waste | | |
| Municipal Solid Waste | | New Source Review Air | OSSF | | Petroleum Storage Tank | | PWS | | |
| Sludge | | Storm Water | Title V Air | | Tire | es | Used Oil | | |
| Voluntary Cl | eanup | Wastewater WQ0014473001 | Wastewater Agricultu | ıre | ☐ Wa | ter Rights | Other: | | |
| SECTIO | N IV: Pr | eparer Inf | <u>ormation</u> | | | | | | |
| 40. Name: | Jack Baker | | | 41. Titl | e: | Wastewater Operater | | | |
| 42. Telephone | Number | 43. Ext./Code | 44. Fax Number | 45. E- | Mail Ac | Idress | | | |
| (903) 715-9851 | L | | (903) 652-3738 | jackba | baker@blossomtel.com | | | | |
| SECTIO | N V: Au | thorized S | <u>ignature</u> | | | | | | |
| | | | wledge, that the information tion II, Field 6 and/or as rea | | | | e, and that I have signature authority entified in field 39. | | |

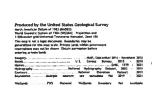
37. Extension or Code

38. Fax Number (if applicable)

36. Telephone Number

| Company: | Prairiland Independent School District | Job Title: | Wastewat | er Operater | |
|------------------|--|------------|----------|-------------|--------------------------|
| Name (In Print): | Jack Baker | | | Phone: | (903) 715- 9851 |
| Signature: | 4 BC | | | Date: | 10/27/2025 |

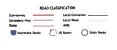
TCEQ-10400 (11/22) Page 3 of 3















CONTOUR INTERVAL 10 FEET HORTH ANGRICAN VERTICAL BATUM OF 1588

This map was produced to conform with the was Googletol Program US Topo Product Standard

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DEPORT, TX 2022



TCEQ Core Data Form

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

SECTION I: General Information

| 1. Reason for Submission (If other is checked please describe in space provided.) | | | | | | | | | | | |
|--|--|-----------------------|-------------|--------------|----------------------------|----------|---------------------------|-------------------|--|--|--|
| New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.) | | | | | | | | | | | |
| ⊠ Renewal (Core Data Form should be s | | ewal form, | | ther | | | | | | | |
| 2. Customer Reference Number (if is CN 603144478 | Follow this search for numbers in Regist | CN or RN n Central | | | ed Entity 11648 | Refer | ence Nun | nber (if issued) | | | |
| SECTION II: Customer I | <u>Information</u> | | | | | | | | | | |
| 4. General Customer Information | 5. Effective Date fo | r Custon | ner Infor | matic | on Updat | es (mn | n/dd/yyyy) | | | | |
| □ New Customer □ Update to Customer Information □ Change in Regulated Entity Ownership □ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts) | | | | | | | | | | | |
| The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA). | | | | | | | | | | | |
| 6. Customer Legal Name (If an individ | 6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <u>If new Customer, enter previous Customer below:</u> | | | | | | | | | | |
| Prariland Independent School District | | | | | | | | | | | |
| 7. TX SOS/CPA Filing Number | 8. TX State Tax ID (756000201 | (11 digits) | | 9. Fe | e deral Ta gits) | x ID | 10. DUN applicable | S Number (if | | | |
| 11. Type of Customer: Corpora | ition | | ☐ Indivi | idual | ual Partn | | ership: 🔲 (| General 🗌 Limited | | | |
| Government: ☐ City ☐ County ☐ Federa | al □ Local □ State ⊠ | Other | ☐ Sole I | Proprie | etorship | ☐ Ot | her: | | | | |
| 12. Number of Employees |] 251-500 | nd higher | | 13. I ⊠ Y | | lently | | nd Operated? | | | |
| 14. Customer Role (Proposed or Actua | d) - as it relates to the I | Regulated | Entity list | ed on t | this form. I | Please o | check one o | f the following | | | |
| ⊠Owner □ Operator □Occupational Licensee □ Responsi | | wner & Oj CP/BSA A | - | | ☐ Other: | : | | | | | |
| 15. Prariland Independent Scho | al District | | | | | | | | | | |
| Mailing 466 FM 196 | JOI DISTRICT | ct | | | | | | Τ | | | |
| City Pattonville | State | TX | ZIP | 7546 | 8 | | ZIP + 4 | | | | |
| 16. Country Mailing Information (if | outside USA) | | | | ess (if app | |) | | | | |
| 10 Talanhana Numbar | 19. Extens | | | @depo | orttexas.go | | on (if andi | antha) | | | |
| 18. Telephone Number (903) 652-6476 | 19. Extens | on or Co | oue | | (903) | | er (if appli 38 | cable) | | | |
| SECTION III: Regulated | d Entity Info | rmati | on | l | (505) | 002 01 | 30 | | | | |
| 21. General Regulated Entity Inform | = | | | d. a na | ow nermit | annlica | tion is also | reauired.) | | | |
| | Regulated Entity Name | | | | ed Entity I | | | required | | | |
| The Regulated Entity Name submitt organizational endings such as Inc, | | , in orde | r to mee | t TCE | Q Core L | Data S | tandards | (removal of | | | |
| 22. Regulated Entity Name (Enter nar | me of the site where the | e regulate | d action is | taking | g place.) | | | | | | |
| Prairiland Independent School District | | | | | | | | | | | |

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| | 23. Street Address of the Regulated | | Independent | School | l District | | | | | Prariland Independent School District | | | | | | | | | | | |
|--------------------------|-------------------------------------|--------------|-----------------|-------------------|----------------------------------|------------------------|--|-----------------------|------------------------|---------------------------------------|------------------------------|----------------------------|--|--|--|--|--|--|--|--|--|
| of the Reg Entity: | uiated | 466 FM 19 | 96 | | | | , | | _ | | | | | | | | | | | | |
| (No PO Bo | xes) | City | Pattonville | <u>!</u> | State | TX | Z | IP. | 75468 | | ZIP + 4 | | | | | | | | | | |
| 24. County | y | Lamat | • | | | • | ı | | • | | • | | | | | | | | | | |
| | | I | f no Street | Addre | ess is provid | ded, fie | lds 2 | 5-28 ar | e requi | ired. | | | | | | | | | | | |
| 25. Descri Physical L | | | | | cimately 3,000 Y 271 in Lama | | | | | ection of th | e intersecti | on of Farm-to | | | | | | | | | |
| 26. Neares | st City | | | | | | | | State | | Nea | rest ZIP Code | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | dded/updat nates wher | | | | | | | ocoding of the cy). | | | | | | | | | |
| | le (N) In De | | 33.56976 | _ | | | | _ | | Decimal: | -95.3942 | | | | | | | | | | |
| Degrees | | Minutes | . | Seco | | De | grees | |] | Minutes | | Seconds | | | | | | | | | |
| 33 20 Primar | y SIC Code | | 56 Secondary | , SIC C | 976 | 21 Dr | marx | -95 V NAIC | S Codo | 39 32 So | | 270 IAICS Code | | | | | | | | | |
| (4 digits) | y sic code | | ligits) | SIC C | .oue | (5 or 6 | | | 3 Coue | (5 or 6 | | AICS Code | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| 33. What is | s the Prima | ry Busine | ess of this | entity | ? (Do not re | epeat the | SIC o | or NAICS | descrip | rtion.) | | | | | | | | | | | |
| School | | | | - | | | | | | | | | | | | | | | | | |
| 24 Mailine | ~ | Prariland | l Independe | nt Scho | ol District | | | | | | | | | | | | | | | | |
| 34. Mailing Address: | 8 | 466 Fm 196 | | | | | | | | | | | | | | | | | | | |
| ridaress. | | City | Pattonville | e | State TX | | | ZIP 75468 | | ZIP + 4 | | | | | | | | | | | |
| 35. E-Mail | Address: | jho | stetler@prai | riland. | net | | • | | | | | | | | | | | | | | |
| 36. Teleph | one Numb | er | | 37. | Extension | or Cod | e | 38. I | Fax Nu | mber (if ap | oplicable) | | | | | | | | | | |
| (903)652- | 6476 | | | (903) 652-3738 | | | | | | | | | | | | | | | | | |
| 9. TCEQ Propdates subm | | | | | | | | | | numbers t | hat will be | affected by the | | | | | | | | | |
| ☐ Dam Saf | ety | □ Dis | tricts | ☐ Ed | wards Aquife | r | ☐ Emissions Inventory Air | | | | ☐ Industrial Hazardous | | | | | | | | | | |
| | | | | | | | | | | - | Waste | | | | | | | | | | |
| ☐ Municipa | al Solid Waste | □ Nev | w Source | □ os | CE CE | | | Dotrolo | ım Ctor | □ PWS | | | | | | | | | | | |
| Municipa | ai sonu waste | Reviev | v Air | □ 03 | 3r | | ┦⊔ | Petrolei | uiii Stor | age Tank | □ PW3 | | | | | | | | | | |
| ☐ Cl.,,d.,,c | | □ Ca- | mm Meter | | le V Air | | | Times | | | | ;1 | | | | | | | | | |
| □ Sludge | | ☐ Sto | rm Water | 11t | ie v Air | | ┦⊔ | Tires | | | ☐ Used O | 11 | | | | | | | | | |
| ☐ Voluntar | v Cleanun | ⊠ Wa | stewater | ПWа | ıstewater Agr | iculture | | Water F | 2ighte | | Other: | | | | | | | | | | |
| Voluntai | y Cleanup | | | ⊔ ₩а | istewater Agr | icuiture | | water r | agnts | | □ Other. | | | | | | | | | | |
| | | | 14473001 | | | | | | | | | | | | | | | | | | |
| SECTIO | <u>N 10: P</u> | repar | er into | <u>rma</u> | tion | | | ı | | | | | | | | | | | | | |
| 40. Name: | Jack Baker | | | | | 41. T | tle: | Waste | water O | perater | | | | | | | | | | | |
| 42. Telepho | one Numbe | r 43. Ext | t./Code 4 | 4. Fax | Number | 45.1 | -Mai | l Addre | ess | | | | | | | | | | | | |
| (903)715-9 | 851 | | (| 903)6 | 52-3738 | jackl | aker@ | blosso | ntel.con | 1 | | | | | | | | | | | |
| SECTIO | NV. A | uthori | 70d Si4 | ınə | ture | 1 | | | | | | | | | | | | | | | |
| SECTIO | | | _ | _ | | | | | 23. 11 | ماداد و ا | | | | | | | | | | | |
| hat I have sign | nature author | rity to subi | nit this form | my kn i on bel | lowiedge, that half of the en | τ tne inf tity spec | ormat cified | ion prov in Sectio | ⁄ıaed in on II, Fie | tnis form i ld 6 and/oi | s true and o r as require | complete, and d for the | | | | | | | | | |
| | | | in field 39. | | | - | | | | | - | | | | | | | | | | |

 Company:
 Prairiland Independent School District
 Job Title:
 Wastewater Operater

 Name (In Print):
 Jack Baker
 Phone:
 (903)715-9851

 Signature:
 Date:
 10/27/2025

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