



Technical 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. Second notice (NAPD-Notice of Preliminary Decision)
4. Application materials
5. Draft permit
6. Technical summary or fact sheet



(409) 746-2192
FAX (409) 746-3780



P.O. BOX 579
ORANGE, TEXAS
77631

ATTACHMENT "J"

Plain Language Summary: Industrial Wastewater TPDES Application

Sabine River Authority WWTP Permit
Renewal TPDES Permit No. WQ0004845000

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.

The Sabine River Authority of Texas (CN600801864) and the Sabine River Authority State of Louisiana (CN603315532) operate the Toledo Bend Dam (RN101595544), a two-unit hydroelectric generating facility primarily used for water management and power generation. It consists of two English Electric Kaplan turbines with Allis Chalmers umbrella-type water-cooled generators, each rated at 40 megawatts (MW), for a total generating capacity of 80 MW. The facility is located at 209 Private Road 6055, Burkeville, TX 75932, approximately 15 miles northeast of the City of Burkeville in unincorporated Newton County, Texas.

This application is for a major amendment and renewal to authorize the discharge of wastewater associated with the operation of the Toledo Bend Project. The permit authorizes the continued discharge of approximately 1.2 million gallons per day (MGD) of non-contact cooling water via Outfall 001, 0.036 MGD of low-volume wastewater via Outfall 002, and 0.009 MGD of stormwater runoff via Outfall 003. In addition, the application proposes the addition of Outfall 004, a new discharge point for stormwater collected from the transformer yard, with an estimated flow of 0.009 MGD.

Non-contact cooling water is withdrawn as a side-stream from the Toledo Bend Reservoir, used to cool equipment and lubricate bearings, and discharged through Outfall 001 without chemical addition or treatment. Low-volume wastewater originates from condensation, incidental leaks, and maintenance dewatering activities within the facility. It is collected in a station sump equipped with a mechanical oil skimmer prior to discharge through Outfall 002. Stormwater runoff from the powerhouse roof and deck drains through Outfall 003, while runoff from the transformer yard will be routed through an oil-water separator before discharge via the proposed Outfall 004.

The facility is subject to the general requirements of the Texas Pollutant Discharge Elimination System (TPDES). Pollutants expected from these discharges are:

- **Outfall 001** – temperature
- **Outfall 002** – copper, oil & grease, total suspended solids (TSS)
- **Outfall 003** – oil & grease, total organic carbon (TOC)

- **Outfall 004** – oil & grease, total organic carbon (TOC)

Sanitary wastewater is managed through a septic system located on adjacent property and is not discharged. Best management practices (BMPs) are routinely implemented to minimize potential contamination of stormwater and wastewater streams.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0004845000

APPLICATION. Sabine River Authority of Texas and Sabine River Authority State of Louisiana, P.O. Box 579, Orange, Texas 77631, which owns a hydroelectric power generating facility, have applied to the Texas Commission on Environmental Quality (TCEQ) to amend Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004845000 (EPA I.D. No. TX0130109) to authorize adding a new stormwater runoff, Outfall 004, from a new transformer yard. The facility is located at 209 Private Road 6055, near the city of Burkeville, in Newton County, Texas 75932. The discharge route is from the plant site to Outfall 001, 002, and 003 to the tailrace of the dam; Outfall 004 to a man-made channel, thence to Sutton Creek, thence to the tailrace of the dam, thence all to Sabine River Above Caney Creek. TCEQ received this application on June 11, 2025. The permit application will be available for viewing and copying at Newton Public Library, 212 High Street, Newton, 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=-93.566111,31.173888&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 county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

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

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

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

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

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

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

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at <https://www14.tceq.texas.gov/epic/eComment/>, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105,

P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Sabine River Authority of Texas and Sabine River Authority State of Louisiana at the address stated above or by calling Mr. Don Iles, Middle Basin Regional Manager, Sabine River Authority of Texas, at (409) 565-2273.

Issuance Date: July 10, 2025

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



NOTICE OF APPLICATION AND PRELIMINARY DECISION FOR TPDES PERMIT FOR INDUSTRIAL WASTEWATER

AMENDMENT

Permit No. WQ0004845000

APPLICATION AND PRELIMINARY DECISION. Sabine River Authority of Texas and Sabine River Authority State of Louisiana, P.O. Box 579, Orange, Texas 77631, which operates Toledo Bend Dam, a hydroelectric power generating facility, has applied to the Texas Commission on Environmental Quality (TCEQ) for a major amendment of Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0004845000 to add a new Outfall 004 for stormwater discharge. The draft permit authorizes the discharge of once-through non-contact cooling water at a daily maximum flow not to exceed 1,200,000 gallons per day via Outfall 001; low volume waste sources on an intermittent and flow-variable basis via Outfall 002; and stormwater on an intermittent and flow-variable basis via Outfalls 003 and 004. The TCEQ received this application on June 11, 2025.

The facility is located at 209 Private Road 6055, near the City of Burkeville, Newton County, Texas 75932. This link to an electronic map of the site or facility's general location is provided as a public courtesy and is not part of the application or notice. For the exact location, refer to the application.

<https://gisweb.tceq.texas.gov/LocationMapper/?marker=-93.566111,31.173888&level=18>

The effluent is discharged via Outfalls 001, 002, and 003 to the Toledo Bend Reservoir tailrace; Outfall 004 to a man-made channel, thence to unnamed tributary, thence to Sutton Creek, thence to the Toledo Bend Reservoir tailrace; thence all to Sabine River Above Caney Creek in Segment No. 0503 of the Sabine River Basin. The unclassified receiving water uses are high aquatic life use for Toledo Bend Reservoir tailrace, limited aquatic life use for Sutton Creek and unnamed tributary, and minimal aquatic life use for the man-made ditch. The designated uses for Segment No. 0503 are primary contact recreation, public water supply, and high aquatic life use.

In accordance with Title 30 Texas Administrative Code Section 307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action.

Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Toledo Bend Reservoir tailrace, which has been identified as having high aquatic life use. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

The TCEQ Executive Director has completed the technical review of the application and prepared a draft permit. The draft permit, if approved, would establish the conditions under which the facility must operate. The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The permit application, Executive Director's preliminary decision, and draft permit are available for viewing and copying at the Newton Public Library, 212 High Street, Newton, Texas. 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>

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting about this application. The purpose of a public meeting is to provide the opportunity to submit written or oral comment or to ask questions about the application. Generally, the 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 public comments, the Executive Director will consider the comments and prepare a response to all relevant and material, or significant public comments. **The response to comments, along with the Executive Director's decision on the application, will be mailed to everyone who submitted public comments or who requested to be on a mailing list for this application. If comments are received, the mailing will also provide instructions for requesting a contested case hearing or reconsideration of the Executive Director's decision.** A contested case hearing is a legal proceeding similar to a civil trial in a 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.**

EXECUTIVE DIRECTOR ACTION. The Executive Director may issue final approval of the application unless a timely contested case hearing request or a timely request for reconsideration is filed. If a timely hearing request or request for reconsideration is filed, the Executive Director will not issue final approval of the permit and will forward the application and requests to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

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 added to: (1) the permanent list for a specific applicant name and permit number; and (2) the mailing list for a specific county. If you wish to be placed on the permanent and the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

All written public comments and public meeting requests must be submitted to the Office of the Chief Clerk, MC 105, TCEQ, P.O. Box 13087, Austin, TX 78711-3087 or electronically at <https://www.tceq.texas.gov/goto/comment> within 30 days from the date of newspaper publication of this notice.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at <https://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. Public comments and requests must be submitted either electronically at <https://www.tceq.texas.gov/goto/comment>, 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 <https://www.tceq.texas.gov/agency/decisions/participation/permitting-participation>. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Sabine River Authority of Texas and Sabine River Authority of Louisiana at the address stated above or by calling Mr. Don Iles, Middle Basin Regional Manager, at 409-565-2273.

Issued: September 26, 2025



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the industrial wastewater permit application.

APPLICANT NAME: Sabine River Authorities of Texas and Louisiana (See Appendix I)

PERMIT NUMBER (If new, leave blank): WQ00 04845000

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

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Worksheet 8.0	☐	☒
Administrative Report 1.1	☐	☒	Worksheet 9.0	☐	☒
SPIF	☒	☐	Worksheet 10.0	☐	☒
Core Data Form	☒	☐	Worksheet 11.0	☐	☒
Public Involvement Plan Form	☒	☐	Worksheet 11.1	☐	☒
Plain Language Summary	☒	☐	Worksheet 11.2	☐	☒
Technical Report 1.0	☒	☐	Worksheet 11.3	☐	☒
Worksheet 1.0	☐	☒	Original USGS Map	☒	☐
Worksheet 2.0	☒	☐	Affected Landowners Map	☐	☒
Worksheet 3.0	☐	☒	Landowner Disk or Labels	☐	☒
Worksheet 3.1	☐	☒	Flow Diagram	☒	☐
Worksheet 3.2	☐	☒	Site Drawing	☒	☐
Worksheet 3.3	☐	☒	Original Photographs	☐	☒
Worksheet 4.0	☒	☐	Design Calculations	☐	☒
Worksheet 4.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 5.0	☐	☒	Water Balance	☒	☐
Worksheet 6.0	☐	☒			
Worksheet 7.0	☒	☐			

For TCEQ Use Only

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION

ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use the Oil and Gas Exploration and Production Administrative Report ([TCEQ Form-20893 and 20893-inst¹](#)).

Item 1. Application Information and Fees (Instructions, Page 26)

- a. Complete each field with the requested information, if applicable.

Applicant Name: Sabine River Authorities of Texas and Louisiana (See Appendix I)

Permit No.: WQ0004845000

EPA ID No.: TX0130109

Expiration Date: September 30, 2026

- b. Check the box next to the appropriate authorization type.

☒ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

- c. Check the box next to the appropriate facility status.

☒ Active

☐ Inactive

- d. Check the box next to the appropriate permit type.

☒ TPDES Permit

☐ TLAP

☐ TPDES with TLAP component

- e. Check the box next to the appropriate application type.

☐ New

☐ Renewal with changes

☐ Renewal without changes

☒ Major amendment with renewal

☐ Major amendment without renewal

☐ Minor amendment without renewal

☐ Minor modification without renewal

- f. If applying for an amendment or modification, describe the request: Hydroelectric facility will be adding a new stormwater runoff outfall from a new transformer yard. (outfall 004).

For TCEQ Use Only

Segment Number _____ County _____

Expiration Date _____ Region _____

Permit Number _____

¹ https://www.tceq.texas.gov/publications/search_forms.html

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ \$350	☒ \$350	☐ \$315	☐ \$150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ \$1,250	☐ \$1,250	☐ \$1,215	☐ \$150
Major facility	N/A ²	☐ \$2,050	☐ \$2,015	☐ \$450

h. Payment Information

Mailed

Check or money order No.: 100796

Check or money order amt.: \$350.00

Named printed on check or money order: Texas Commission on Environmental Quality

Epay

Voucher number: Click to enter text.

Copy of voucher attachment: Click to enter text.

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: CN600801864

Note: Locate the customer number using the [TCEQ's Central Registry Customer Search](#)³.

b. Legal name of the entity (applicant) applying for this permit: Sabine River Authorities of Texas and Louisiana (See Appendix I)

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Mr. Full Name (Last/First Name): David Montagne

Title: General Manager

Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

² All facilities are designated as minors until formally classified as a major by EPA.

³ <https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

☒ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 3. Co-applicant Information (Instructions, Page 27)

☒ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit: [Click to enter text.](#)

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

b. Customer Number (if applicant is an existing customer): [CNClick to enter text.](#)

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

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

Full Name (Last/First Name): [Click to enter text.](#)

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

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

d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

a. Complete one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)) and include as an attachment. If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: [Click to enter text.](#)

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contact for additional information about this application. Indicate if the individual can be contact about administrative or technical information, or both.

a. ☒ Administrative Contact . ☐ Technical Contact

Prefix: Ms. Full Name (Last/First Name): Christine Gartner

Title: Water Resources Specialist Credential: [Click to enter text.](#)

Organization Name: Sabine River Authority of Texas

Mailing Address: P.O. Box 579 City/State/Zip: Orange, Texas 77631

Phone No: 409-746-2192 Email: cgartner@sratx.org

b. ☐ Administrative Contact ☒ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Andrew Balingit

Title: TBPJO Chief Dam Safety Engineer Credential: P.E.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: 409-565-2273

Email: abalingit@sratx.org

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

Item 6. Permit Contact Information (Instructions, Page 28)

Provide two names of individuals that can be contacted throughout the permit term.

a. Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager

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

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: diles@sratx.org

b. Prefix: Mr. Full Name (Last/First Name): Bob Cullums

Title: Plant Manager

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

Organization Name: Sabine River Authority of Texas

Mailing Address: 209 Private Road 6055

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: rcullums@sratx.org

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

Item 7. Billing Contact Information (Instructions, Page 28)

The permittee is responsible for paying the annual fee. The annual fee will be assessed for permits **in effect on September 1 of each year**. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager

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

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: diles@sratx.org

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Ms. Full Name (Last/First Name): Christine Gartner

Title: Water Resources Specialist

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

Organization Name: Sabine River Authority of Texas

Mailing Address: P.O. Box 579

City/State/Zip: Orange, TX 77631

Phone No: (409) 746-7767

Email: cgartner@sratx.org

Item 9. Notice Information (Instructions, Pages 28)

a. Individual Publishing the Notices

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: diles@sratx.org

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: diles@sratx.org

☐ Fax: Click to enter text.

☐ Regular Mail (USPS)

Mailing Address: Click to enter text.

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

c. Contact in the Notice

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Phone No: (409) 565-2273

Email: diles@sratx.org

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: Newton County Public Library

Location within the building: Click to enter text.

Physical Address of Building: 212 High Street

City: Newton County: Newton

e. Bilingual Notice Requirements

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

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

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is required.

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

☐ Yes ☒ No

If no, publication of an alternative language notice is not required; skip to Item 8 (Regulated Entity and Permitted Site Information.)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No ☐ N/A

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? [Click to enter text.](#)

- f. Plain Language Summary Template – Complete the Plain Language Summary (TCEQ Form 20972) and include as an attachment. Attachment: [Click to enter text.](#)

- g. Complete one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a new permit or major amendment and include as an attachment. Attachment: [Click to enter text.](#)

Item 10. Regulated Entity and Permitted Site Information (Instructions Page 29)

- a. TCEQ issued Regulated Entity Number (RN), if available: RN101595544

Note: If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

- b. Name of project or site (the name known by the community where located): Toledo Bend Dam

- c. Is the location address of the facility in the existing permit the same?

☒ Yes ☐ No ☐ N/A (new permit)

Note: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

- d. Owner of treatment facility:

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

or Organization Name: Sabine River Authority (SRA-TX)

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273 Email: diles@sratx.org

e. Ownership of facility: ☐ Public ☒ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: Click to enter text.

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

or Organization Name: Sabine River Authority (SRA-TX)

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273 Email: diles@sratx.org

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: N/A

g. Owner of effluent TLAP disposal site (if applicable): N/A

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

or Organization Name: Click to enter text.

Mailing Address: Click to enter text.

City/State/Zip: Click to enter text.

Phone No: Click to enter text. Email: Click to enter text.

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: Click to enter text.

h. Owner of sewage sludge disposal site (if applicable):

Prefix: Click to enter text. Full Name (Last/First Name): Click to enter text.

or Organization Name: Click to enter text.

Mailing Address: Click to enter text.

City/State/Zip: Click to enter text.

Phone No: Click to enter text. Email: Click to enter text.

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: Click to enter text.

Item 11. TDPES Discharge/TLAP Disposal Information (Instructions, Page 31)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius

☐ Three-miles downstream information

☒ Applicant's property boundaries

☐ Treatment facility boundaries

☒ Labeled point(s) of discharge

☐ Highlighted discharge route(s)

☐ Effluent disposal site boundaries

☐ All wastewater ponds

☐ Sewage sludge disposal site

☒ New and future construction

Attachment:

- c. Is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☒ No or New Permit

If no, or a new application, provide an accurate location description: N/A

- d. Are the point(s) of discharge in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

- e. Are the discharge route(s) in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new permit, provide an accurate description of the discharge route: Click to enter text.

- f. City nearest the outfall(s): Burkeville

- g. County in which the outfalls(s) is/are located: Newton

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

☐ Yes ☒ No

If yes, indicate by a check mark if: ☐ Authorization granted ☐ Authorization pending

For new and amendment applications, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: N/A

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

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

☐ Yes ☐ No or New Permit ☒ N/A

If no, or a new application, provide an accurate location description: N/A

- j. City nearest the disposal site: Click to enter text.

- k. County in which the disposal site is located: Click to enter text.

- l. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: Click to enter text.

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

Item 12. Miscellaneous Information (Instructions, Page 33)

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

☐ Yes ☒ No

If yes, list each person: [Click to enter text.](#)

- b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account no.: [Click to enter text.](#)

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

- c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Enforcement order no.: [Click to enter text.](#)

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

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0004845000

Applicant Name: Sabine River Authority of Texas

Certification: I, David Montagne, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signatory name (typed or printed): David Montagne

Signatory title: General Manager

Signature: _____ Date: _____
(Use blue ink)

Subscribed and Sworn to before me by the said _____
on this _____ day of _____, 20_____.
My commission expires on the _____ day of _____, 20_____.

Notary Public

[SEAL]

County, Texas

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

Permit No: WQ0004845000

Applicant Name: Sabine River Authority, State of Louisiana

Certification: I, Warren Founds, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signatory name (typed or printed): Warren Founds

Signatory title: Executive Director

Signature: _____ Date: _____
(Use blue ink)

Subscribed and Sworn to before me by the said _____
on this _____ day of _____, 20_____.
My commission expires on the _____ day of _____, 20_____.

Notary Public

[SEAL]

County, Texas

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

INDUSTRIAL WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

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

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if mailing the payment. (Instructions, Page 36-37)

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Permit No: WQ0004845000**

1. Check or Money Order Number: 100796
2. Check or Money Order Amount: \$350.00
3. Date of Check or Money Order: 6/10/2025
4. Name on Check or Money Order: Texas Commission On Environmental Quality
5. APPLICATION INFORMATION

Name of Project or Site: Toledo Bend dam

Physical Address of Project or Site: 209 Private Road 6055 Burkeville, TX 75932

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

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

Staple Check or Money Order in This Space

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

- ☐ Core Data Form (TCEQ Form No. 10400)
*(Required for all applications types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)*
- ☐ Correct and Current Industrial Wastewater Permit Application Forms
(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)
- ☐ Water Quality Permit Payment Submittal Form (Page 14)
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)
- ☐ 7.5 Minute USGS Quadrangle Topographic Map Attached
*(Full-size map if seeking "New" permit.
8 ½ x 11 acceptable for Renewals and Amendments.)*
- ☐ N/A ☐ Current/Non-Expired, Executed Lease Agreement or Easement Attached
- ☐ N/A ☐ Landowners Map
(See instructions for landowner requirements.)

Things to Know:

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

- ☐ N/A ☐ Landowners Cross Reference List
(See instructions for landowner requirements.)
- ☐ N/A ☐ Landowners Labels or CD-RW attached
(See instructions for landowner requirements.)
- ☐ Original signature per 30 TAC § 305.44 - Blue Ink Preferred
*(If signature page is not signed by an elected official or principle executive officer,
a copy of signature authority/delegation letter must be attached.)*



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)	☐ Other	
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 603315532		RN 101595544

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		1/14/2025	
☐ 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)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below:					
Sabine River Authority, State of Louisiana					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
				10. DUNS Number (if applicable)	
11. Type of Customer:		☐ Corporation		☐ Individual	
Government: ☐ City ☐ County ☐ Federal ☐ Local ☒ State ☐ Other		☐ Sole Proprietorship		Partnership: ☐ General ☐ Limited	
12. Number of Employees		☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher		13. Independently Owned and Operated?	
				☒ Yes ☐ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner		☐ Operator		☒ Owner & Operator	
☐ Occupational Licensee		☐ Responsible Party		☐ VCP/BSA Applicant	
				☐ Other:	
15. Mailing Address:					
15091 Texas Hwy					
City		Many		State LA	
ZIP		71449		ZIP + 4	
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	
(318) 253-4112				(318) 256-4179	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)	
☐ New Regulated Entity ☒ Update to Regulated Entity Name ☐ Update to Regulated Entity Information	
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Toledo Bend Dam	

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	209 Private Road 6055							
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4	
24. County	Newton							

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

25. Description to Physical Location:								
26. Nearest City				State		Nearest ZIP Code		
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:		31.174		28. Longitude (W) In Decimal:		93.658		
Degrees	Minutes	Seconds		Degrees	Minutes	Seconds		
31	10	25		93	33	57		
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)		
4911								
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>								
Electric Power Generation								
34. Mailing Address:	209 Private Road 6055							
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4	
35. E-Mail Address:		rodney.fulton@la.gov						
36. Telephone Number			37. Extension or Code			38. Fax Number <i>(if applicable)</i>		
(409) 565-4191						() -		

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
WQ0004845000				

SECTION IV: Preparer Information

40. Name:	Rodney Fulton, P.E.	41. Title:	Project Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(337) 286-5244		() -	rodney.fulton@la.gov

SECTION V: Authorized Signature

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

Company:	Sabine River Authority, State of Louisiana	Job Title:	Project Engineer
Name (In Print):	Rodney Fulton	Phone:	(337) 286- 5244
Signature:		Date:	



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)		☐ Other
2. Customer Reference Number (if issued)		3. Regulated Entity Reference Number (if issued)
CN 600801864		RN 101595544

[Follow this link to search for CN or RN numbers in Central Registry**](#)

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		01/14/2025	
☐ 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)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) If new Customer, enter previous Customer below:					
Sabine River Authority of Texas					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
		A-174771		74-6013768	
10. DUNS Number (if applicable)					
06-071-7824					
11. Type of Customer:		☐ Corporation		☐ Individual	
☐ Partnership: ☐ General ☐ Limited		☐ Sole Proprietorship		☐ Other:	
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other					
12. Number of Employees		13. Independently Owned and Operated?			
☐ 0-20 ☐ 21-100 ☒ 101-250 ☐ 251-500 ☐ 501 and higher		☒ Yes ☐ No			
14. Customer Role (Proposed or Actual) - as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner		☐ Operator		☒ Owner & Operator	
☐ Occupational Licensee		☐ Responsible Party		☐ VCP/BSA Applicant	
☐ Other:					
15. Mailing Address:		P.O. Box 579			
City		Orange		State TX	
ZIP		77631		ZIP + 4	
16. Country Mailing Information (if outside USA)		17. E-Mail Address (if applicable)			
18. Telephone Number		19. Extension or Code		20. Fax Number (if applicable)	
(409) 746-2192				() -	

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)	
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information	
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>	
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)	
Toledo Bend Dam	

23. Street Address of the Regulated Entity: <i>(No PO Boxes)</i>	209 Private Road 6055						
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4
24. County	Newton						

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

25. Description to Physical Location:								
26. Nearest City					State			Nearest ZIP Code
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>								
27. Latitude (N) In Decimal:	31.174			28. Longitude (W) In Decimal:	93.658			
Degrees	Minutes	Seconds		Degrees	Minutes	Seconds		
31	10	25		93	33	57		
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)			
4911								
33. What is the Primary Business of this entity? <i>(Do not repeat the SIC or NAICS description.)</i>								
Electric Power Generation								
34. Mailing Address:	209 Private Road 6055							
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4	
35. E-Mail Address:	rcullums@sratx.org							
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)					
(409) 565-2273			() -					

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
WQ0004845000				

SECTION IV: Preparer Information

40. Name:	Christine Gartner	41. Title:	Water Resources Specialist
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address
(409) 746-7767		() -	cgartner@sratx.org

SECTION V: Authorized Signature

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

Company:	Sabine River Authority of Texas	Job Title:	Middle Basin Regional Manager
Name (In Print):	Don Iles	Phone:	(409) 565- 2273
Signature:		Date:	



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

The following information **is required** for all applications for a TLAP or an individual TPDES discharge permit.

For **additional information** or clarification on the requested information, please refer to the [Instructions for Completing the Industrial Wastewater Permit Application](https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html)¹ available on the TCEQ website. Please contact the Industrial Permits Team at 512-239-4671 with any questions about this form.

If more than one outfall is included in the application, provide applicable information for each individual outfall. **If an item does not apply to the facility, enter N/A** to indicate that the item has been considered. Include separate reports or additional sheets as **clearly cross-referenced attachments** and provide the attachment number in the space provided for the item the attachment addresses.

NOTE: This application is for an industrial wastewater permit only. Additional authorizations from the TCEQ Waste Permits Division or the TCEQ Air Permits Division may be needed.

Item 1. Facility/Site Information (Instructions, Page 39)

- a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include all applicable SIC codes (up to 4).

Hydroelectric power generation; SIC Code 4911, NAICS Code 221111

- b. Describe all wastewater-generating processes at the facility.

A detailed description of the wastewater generating process is included in Appendix "C".

¹

https://www.tceq.texas.gov/permitting/wastewater/industrial/TPDES_industrial_wastewater_steps.html

- c. Provide a list of raw materials, major intermediates, and final products handled at the facility.

Materials List

Raw Materials	Intermediate Products	Final Products
Water	N/A	Electricity

Attachment: N/A

- d. Attach a facility map (drawn to scale) with the following information:

- Production areas, maintenance areas, materials-handling areas, waste-disposal areas, and water intake structures.
- The location of each unit of the WWTP including the location of wastewater collection sumps, impoundments, outfalls, and sampling points, if significantly different from outfall locations.

Attachment: "D"

- e. Is this a new permit application for an existing facility?

☐ Yes ☒ No

If **yes**, provide background discussion: [Click to enter text.](#)

- f. Is/will the treatment facility/disposal site be located above the 100-year frequency flood level.

☒ Yes ☐ No

List source(s) used to determine 100-year frequency flood plain: [FEMA FIRM Map# 48351Co100D](#)

If **no**, provide the elevation of the 100-year frequency flood plain and describe what protective measures are used/proposed to prevent flooding (including tail water and rainfall run-on controls) of the treatment facility and disposal area: [Click to enter text.](#)

Attachment: "E"

- g. For **new** or **major amendment** permit applications, will any construction operations result in a discharge of fill material into a water in the state?

☐ Yes ☒ No ☐ N/A (renewal only)

- h. If **yes** to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit?

☐ Yes ☐ No

If **yes**, provide the permit number: [Click to enter text.](#)

If **no**, provide an approximate date of application submittal to the USACE: [Click to enter text.](#)

Item 2. Treatment System (Instructions, Page 40)

- a. List any physical, chemical, or biological treatment process(es) used/proposed to treat wastewater at this facility. Include a description of each treatment process, starting with initial treatment and finishing with the outfall/point of disposal.

RE: Attachment "F"

- b. Attach a flow schematic **with a water balance** showing all sources of water and wastewater flow into the facility, wastewater flow into and from each treatment unit, and wastewater flow to each outfall/point of disposal.

Attachment: "G"

Item 3. Impoundments (Instructions, Page 40)

Does the facility use or plan to use any wastewater impoundments (e.g., lagoons or ponds?)

☐ Yes ☒ No

If **no**, proceed to Item 4. If **yes**, complete **Item 3.a** for **existing** impoundments and **Items 3.a - 3.e** for **new or proposed** impoundments. **NOTE:** See instructions, Pages 40-42, for additional information on the attachments required by Items 3.a - 3.e.

- a. Complete the table with the following information for each existing, new, or proposed impoundment. Attach additional copies of the Impoundment Information table, if needed.

Use Designation: Indicate the use designation for each impoundment as Treatment (T), Disposal (D), Containment (C), or Evaporation (E).

Associated Outfall Number: Provide an outfall number if a discharge occurs or will occur.

Liner Type: Indicate the liner type as Compacted clay liner (C), In-situ clay liner (I), Synthetic/plastic/rubber liner (S), or Alternate liner (A). **NOTE:** See instructions for further detail on liner specifications. If an alternate liner (A) is selected, include an attachment that provides a description of the alternate liner and any additional technical information necessary for an evaluation.

Leak Detection System: If any leak detection systems are in place/planned, enter Y for yes. Otherwise, enter N for no.

Groundwater Monitoring Wells and Data: If groundwater monitoring wells are in place/planned, enter Y for yes. Otherwise, enter N for no. Attach any existing groundwater monitoring data.

Dimensions: Provide the dimensions, freeboard, surface area, storage capacity of the impoundments, and the maximum depth (not including freeboard). For impoundments with irregular shapes, submit surface area instead of length and width.

Compliance with 40 CFR Part 257, Subpart D: If the impoundment is required to be in compliance with 40 CFR Part 257, Subpart D, enter Y for yes. Otherwise, enter N for no.

Date of Construction: Enter the date construction of the impoundment commenced (mm/dd/yy).

Impoundment Information

Parameter	Pond #	Pond #	Pond #	Pond #
Use Designation: (T) (D) (C) or (E)	N/A	N/A	N/A	N/A
Associated Outfall Number				
Liner Type (C) (I) (S) or (A)				
Alt. Liner Attachment Reference				
Leak Detection System, Y/N				
Groundwater Monitoring Wells, Y/N				
Groundwater Monitoring Data Attachment				
Pond Bottom Located Above The Seasonal High-Water Table, Y/N				
Length (ft)				
Width (ft)				
Max Depth From Water Surface (ft), Not Including Freeboard				
Freeboard (ft)				
Surface Area (acres)				
Storage Capacity (gallons)				
40 CFR Part 257, Subpart D, Y/N				
Date of Construction				

Attachment: N/A

The following information (**Items 3.b – 3.e**) is required only for **new or proposed** impoundments.

- b. For new or proposed impoundments, attach any available information on the following items. If attached, check **yes** in the appropriate box. Otherwise, check **no** or **not yet designed**.

1. Liner data

☐ Yes ☐ No ☐ Not yet designed

2. Leak detection system or groundwater monitoring data

☐ Yes ☐ No ☐ Not yet designed

3. Groundwater impacts

☐ Yes ☐ No ☐ Not yet designed

NOTE: Item b.3 is required if the bottom of the pond is not above the seasonal high-water table in the shallowest water-bearing zone.

Attachment: N/A

For TLAP applications: Items 3.c – 3.e are not required, continue to Item 4.

- c. Attach a USGS map or a color copy of original quality and scale which accurately locates and identifies all known water supply wells and monitor wells within ½-mile of the impoundments.

Attachment: N/A

- d. Attach copies of State Water Well Reports (e.g., driller's logs, completion data, etc.), and data on depths to groundwater for all known water supply wells including a description of how the depths to groundwater were obtained.

Attachment: N/A

- e. Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the potential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.

Attachment: N/A

Item 4. Outfall/Disposal Method Information (Instructions, Page 42)

Complete the following tables to describe the location and wastewater discharge or disposal operations for each outfall for discharge, and for each point of disposal for TLAP operations.

If there are more outfalls/points of disposal at the facility than the spaces provided, copies of pages 6 and/or numbered accordingly (i.e., page 6a, 6b, etc.) may be used to provide information on the additional outfalls.

For TLAP applications: Indicate the disposal method and each individual irrigation area **I**, evaporation pond **E**, or subsurface drainage system **S** by providing the appropriate letter designation for the disposal method followed by a numerical designation for each disposal area in the space provided for **Outfall** number (e.g. **E1** for evaporation pond 1, **I2** for irrigation area No. 2, etc.).

Outfall Longitude and Latitude

Outfall No.	Latitude (Decimal Degrees)	Longitude (Decimal Degrees)
001	31.1733	-93.5656
002	31.1733	-93.5656
003	31.1733	-93.5656
004	31.1727	-93.5661

Outfall Location Description

Outfall No.	Location Description
001	Two cooling water discharge pipes at the base of the dam into the tailrace of the dam
002	An underwater discharge pipe from the station sump into the tailrace of the dam
003	Exit of transformer deck drainpipe into the tailrace of the dam
004	Exit of a drainpipe from and underground oil water separator tank into a channel that flows to the tailrace

Description of Sampling Point(s) (if different from Outfall location)

Outfall No.	Description of sampling point
001	After leaving the cooling structure and prior to entering the dam tailrace
002	After leaving the sump and prior to entering the dam tailrace
003	After exiting storm water collection pipe and prior to entering the dam tailrace
004	After exiting underground oil water separator tank and prior to entering the dam tailrace

Outfall Flow Information – Permitted and Proposed

Outfall No.	Permitted Daily Avg Flow (MGD)	Permitted Daily Max Flow (MGD)	Proposed Daily Avg Flow (MGD)	Proposed Daily Max Flow (MGD)	Anticipated Discharge Date (mm/dd/yy)
001	Report	1.2	Report	1.2	Existing
002	Report	Report	Report	Report	Existing
003	Report	Report	Report	Report	Existing
004	Report	Report	Report	Report	07/01/2025

Outfall Discharge – Method and Measurement

Outfall No.	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	Y	N	Estimate
002	Y	N	Estimate
003	N	Y	Estimate
004	N	Y	Estimate

Outfall Discharge – Flow Characteristics

Outfall No.	Intermittent Discharge? Y/N	Continuous Discharge? Y/N	Seasonal Discharge? Y/N	Discharge Duration (hrs/day)	Discharge Duration (days/mo)	Discharge Duration (mo/yr)
001	N	N	Y	24	31	12
002	Y	N	N	24	31	12
003	Y	N	N	24	31	12
004	Y	N	N	24	31	12

Outfall Wastestream Contributions**Outfall No. 001**

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Unit 1 Thrust and Guide Bearing Coolers	0.1152	10.53
Unit 1 Generator Cooling	0.432	39.47
Unit 2 Thrust and Guide Bearing Coolers	0.1152	10.53
Unit 2 Generator Cooling	0.432	39.47

Outfall No. 002

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Condensation and incidental drips and leaks from facility piping and water-cooled equipment	0.036	100

Outfall No. 003

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Rainwater runoff from the floor of the powerhouse and the deck area.	0.009	100

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow

Outfall No. 004

Contributing Wastestream	Volume (MGD)	Percent (%) of Total Flow
Rainwater runoff from the transformer yard.	0.009	100

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

Item 5. Blowdown and Once-Through Cooling Water Discharges (Instructions, Page 43)

a. Indicate if the facility currently or proposes to:

- ☐ Yes ☒ No Use cooling towers that discharge blowdown or other wastestreams
☐ Yes ☒ No Use boilers that discharge blowdown or other wastestreams
☐ Yes ☒ No Discharge once-through cooling water

NOTE: If the facility uses or plans to use cooling towers or once-through cooling water, Item 12 is required.

b. If **yes** to any of the above, attach an SDS with the following information for each chemical additive.

- Manufacturers Product Identification Number
- Product use (e.g., biocide, fungicide, corrosion inhibitor, etc.)
- Chemical composition including CASRN for each ingredient
- Classify product as non-persistent, persistent, or bioaccumulative

- Product or active ingredient half-life
- Frequency of product use (e.g., 2 hours/day once every two weeks)
- Product toxicity data specific to fish and aquatic invertebrate organisms
- Concentration of whole product or active ingredient, as appropriate, in wastestream.

In addition to each SDS, attach a summary of the above information for each specific wastestream and the associated chemical additives. Specify which outfalls are affected.

Attachment: N/A

c. Cooling Towers and Boilers

If the facility currently or proposes to use cooling towers or boilers that discharge blowdown or other wastestreams to the outfall(s), complete the following table.

Cooling Towers and Boilers

Type of Unit	Number of Units	Daily Avg Blowdown (gallons/day)	Daily Max Blowdown (gallons/day)
Cooling Towers	N/A	N/A	N/A
Boilers	N/A	N/A	N/A

Item 6. Stormwater Management (Instructions, Page 44)

Will any existing/proposed outfalls discharge stormwater associated with industrial activities, as defined at 40 CFR § 122.26(b)(14), commingled with any other wastestream?

☐ Yes ☒ No

If **yes**, briefly describe the industrial processes and activities that occur outdoors or in a manner which may result in exposure of the activities or materials to stormwater: [Click to enter text.](#)

Item 7. Domestic Sewage, Sewage Sludge, and Septage Management and Disposal (Instructions, Page 44)

Domestic Sewage - Waste and wastewater from humans or household operations that is discharged to a wastewater collection system or otherwise enters a treatment works.

- a. Check the box next to the appropriate method of domestic sewage and domestic sewage sludge treatment or disposal. Complete Worksheet 5.0 or Item 7.b if directed to do so.
- ☐ Domestic sewage is routed (i.e., connected to or transported to) to a WWTP permitted to receive domestic sewage for treatment, disposal, or both. Complete Item 7.b.
 - ☒ Domestic sewage disposed of by an on-site septic tank and drainfield system. Complete Item 7.b.
 - ☐ Domestic and industrial treatment sludge ARE commingled prior to use or disposal.
 - ☐ Industrial wastewater and domestic sewage are treated separately, and the respective sludge IS NOT commingled prior to sludge use or disposal. Complete Worksheet 5.0.
 - ☐ Facility is a POTW. Complete Worksheet 5.0.
 - ☐ Domestic sewage is not generated on-site.

- ☒ Other (e.g., portable toilets), specify and Complete Item 7.b: transferred via air ejector through pipeline to septic system on adjacent Sabine Authority of Texas property.

- b. Provide the name and TCEQ, NPDES, or TPDES Permit No. of the waste-disposal facility which receives the domestic sewage/septage. If hauled by motorized vehicle, provide the name and TCEQ Registration No. of the hauler.

Domestic Sewage Plant/Hauler Name

Plant/Hauler Name	Permit/Registration No.
N/A	N/A

Item 8. Improvements or Compliance/Enforcement Requirements (Instructions, Page 45)

- a. Is the permittee currently required to meet any implementation schedule for compliance or enforcement?
- ☐ Yes ☒ No
- b. Has the permittee completed or planned for any improvements or construction projects?
- ☒ Yes ☐ No
- c. If **yes** to either 8.a or 8.b, provide a brief summary of the requirements and a status update: The Generator Step-Up (GSU) Transformer project kicked off on October 17, 2022. The civil site work was completed in the Spring of 2023. The two new GSU transformers were delivered and installed on their prepared foundations on July 11, 2023, and substantial completion for the 138 KV substation was reached on November 7, 2023. Due to raw material shortages and elevated lake levels, the overall project was delayed until the Fall of 2024. TBPJO resumed construction and went into a powerhouse outage on September 16, 2024, to remove the existing transformer, install the switchgear, make final terminations, and perform testing and commissioning. Final completion for the entire GSU Transformer project was reached on November 14, 2024.

Item 9. Toxicity Testing (Instructions, Page 45)

Have any biological tests for acute or chronic toxicity been made on any of the discharges or on a receiving water in relation to the discharge within the last three years?

☐ Yes ☒ No

If **yes**, identify the tests and describe their purposes: N/A

Additionally, attach a copy of all tests performed which **have not** been submitted to the TCEQ or EPA. **Attachment:** N/A

Item 10. Off-Site/Third Party Wastes (Instructions, Page 45)

- a. Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-site via land application, or discharge via a permitted outfall?
- ☐ Yes ☒ No

If **yes**, provide responses to Items 10.b through 10.d below.

If **no**, proceed to Item 11.

b. Attach the following information to the application:

- List of wastes received (including volumes, characterization, and capability with on-site wastes).
- Identify the sources of wastes received (including the legal name and addresses of the generators).
- Description of the relationship of waste source(s) with the facility's activities.

Attachment: N/A

c. Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with this facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal?

☐ Yes ☒ No

If **yes**, provide the name, address, and TCEQ, NPDES, or TPDES permit number of the contributing facility and a copy of any agreements or contracts relating to this activity.

Attachment: N/A

d. Is this facility a POTW that accepts/will accept process wastewater from any SIU and has/is required to have an approved pretreatment program under the NPDES/TPDES program?

☐ Yes ☒ No

If **yes**, **Worksheet 6.0** of this application **is required**.

Item 11. Radioactive Materials (Instructions, Page 46)

a. Are/will radioactive materials be mined, used, stored, or processed at this facility?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L.

Radioactive Materials Mined, Used, Stored, or Processed

Radioactive Material Name	Concentration (pCi/L)
N/A	

b. Does the applicant or anyone at the facility have any knowledge or reason to believe that radioactive materials may be present in the discharge, including naturally occurring radioactive materials in the source waters or on the facility property?

☐ Yes ☒ No

If **yes**, use the following table to provide the results of one analysis of the effluent for all radioactive materials that may be present. Provide results in pCi/L. Do not include information provided in response to Item 11.a.

Radioactive Materials Present in the Discharge

Radioactive Material Name	Concentration (pCi/L)
N/A	

Item 12. Cooling Water (Instructions, Page 46)

a. Does the facility use or propose to use water for cooling purposes?

☒ Yes ☐ No

If **no**, stop here. If **yes**, complete Items 12.b thru 12.f.

b. Cooling water is/will be obtained from a groundwater source (e.g., on-site well).

☐ Yes ☒ No

If **yes**, stop here. If **no**, continue.

c. Cooling Water Supplier

1. Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will supply water for cooling purposes to the facility.

Cooling Water Intake Structure(s) Owner(s) and Operator(s)

CWIS ID		
Owner	Sabine River Authority of TX & LA	
Operator	Sabine River Authority of TX & LA	

2. Cooling water is/will be obtained from a Public Water Supplier (PWS)

☐ Yes ☒ No

If **no**, continue. If **yes**, provide the PWS Registration No. and stop here: PWS No. N/A

3. Cooling water is/will be obtained from a reclaimed water source?

☐ Yes ☒ No

If **no**, continue. If **yes**, provide the Reuse Authorization No. and stop here: N/A

4. Cooling water is/will be obtained from an Independent Supplier

☐ Yes ☒ No

If **no**, proceed to Item 12.d. If **yes**, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes and proceed: N/A

d. 316(b) General Criteria

1. The CWIS(s) used to provide water for cooling purposes to the facility has or will have a cumulative design intake flow of 2 MGD or greater.

☐ Yes ☒ No

2. At least 25% of the total water withdrawn by the CWIS is/will be used at the facility exclusively for cooling purposes on an annual average basis.

☒ Yes ☐ No

3. The CWIS(s) withdraw(s)/propose(s) to withdraw water for cooling purposes from surface waters that meet the definition of Waters of the United States in *40 CFR § 122.2*.

☒ Yes ☐ No

If **no**, provide an explanation of how the waterbody does not meet the definition of Waters of the United States in *40 CFR § 122.2*: N/A

If **yes** to all three questions in Item 12.d, the facility **meets** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA. Proceed to **Item 12.f**.

If **no** to any of the questions in Item 12.d, the facility **does not meet** the minimum criteria to be subject to the full requirements of Section 316(b) of the CWA; however, a determination is required based upon BPJ. Proceed to **Item 12.e**.

- e. The facility does not meet the minimum requirements to be subject to the fill requirements of Section 316(b) **and uses/proposes to use cooling towers**.

☒ Yes ☐ No

If **yes**, stop here. If **no**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ.

f. Oil and Gas Exploration and Production

1. The facility is subject to requirements at 40 CFR Part 435, Subparts A or D.

☐ Yes ☐ No

If **yes**, continue. If **no**, skip to Item 12.g.

2. The facility is an existing facility as defined at 40 CFR § 125.92(k) or a new unit at an existing facility as defined at 40 CFR § 125.92(u).

☐ Yes ☐ No

If **yes**, complete Worksheet 11.0, Items 1.a, 1.b.1-3 and 6, 2.b.1, and 3.a to allow for a determination based upon BPJ. If **no**, skip to Item 12.g.3.

g. Compliance Phase and Track Selection

1. Phase I – New facility subject to 40 CFR Part 125, Subpart I

☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection, attach the requested information, and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.

- ☐ Track I – AIF greater than 2 MGD, but less than 10 MGD
 - Attach information required by *40 CFR §§ 125.86(b)(2)-(4)*.
- ☐ Track I – AIF greater than 10 MGD
 - Attach information required by *40 CFR § 125.86(b)*.
- ☐ Track II
 - Attach information required by *40 CFR § 125.86(c)*.

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

2. Phase II – Existing facility subject to 40 CFR Part 125, Subpart J

- ☐ Yes ☐ No

If **yes**, complete Worksheets 11.0 through 11.3, as applicable.

3. Phase III – New facility subject to 40 CFR Part 125, Subpart N

- ☐ Yes ☐ No

If **yes**, check the box next to the compliance track selection and provide the requested information.

- ☐ Track I – Fixed facility
 - Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Items 2 and 3, and Worksheet 11.2.
- ☐ Track I – Not a fixed facility
 - Attach information required by 40 CFR § 125.136(b) and complete Worksheet 11.0, Item 2 (except CWIS latitude/longitude under Item 2.a).
- ☐ Track II – Fixed facility
 - Attach information required by 40 CFR § 125.136(c) and complete Worksheet 11.0, Items 2 and 3.

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

Item 13. Permit Change Requests (Instructions, Page 48)

This item is only applicable to existing permitted facilities.

a. Is the facility requesting a **major amendment** of an existing permit?

- ☒ Yes ☐ No

If **yes**, list each request individually and provide the following information: 1) detailed information regarding the scope of each request and 2) a justification for each request. Attach any supplemental information or additional data to support each request.

We are requesting the addition of a new stormwater outfall, designated as Outfall 004, due to recent changes made to our transformer infrastructure and associated stormwater management systems. Scope of Request: The original transformer located on the transformer deck was removed. A new transformer yard was constructed to house the replacement transformer. This yard includes new impervious surfaces which now drain to a pipe system that leads to an underground oil catchment and separator system. This system consists of two 4,500-gallon underground tanks designed to capture and separate any oil that may be present in the stormwater runoff. When the tanks reach capacity, the inflow is offset by an equal outflow through a pipe that discharges into a Texas Department of Transportation ditch. From there, the water flows through natural drainage pathways and ultimately reaches the tailrace, approximately 1.3 miles downstream from the powerhouse. Justification for Request: Stormwater runoff from the transformer yard has the potential to encounter transformer oil. While containment and separation systems are in place, this represents a unique discharge source not previously accounted for. To ensure regulatory clarity, monitoring capability, and environmental protection, a distinct stormwater outfall (Outfall 004) is needed. This outfall is hydrologically and physically separated from existing permitted discharge points. Adding it to our stormwater permit will allow for appropriate monitoring and compliance tracking and demonstrate our commitment to responsible environmental management.

b. Is the facility requesting any **minor amendments** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

N/A

c. Is the facility requesting any **minor modifications** to the permit?

☐ Yes ☒ No

If **yes**, list and describe each change individually.

N/A

Item 14. Laboratory Accreditation (Instructions, Page 49)

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

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

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

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

CERTIFICATION:

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

Printed Name: Christine Gartner

Title: Water Resource Specialist

Signature: _____

Date: _____

INDUSTRIAL WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: POLLUTANT ANALYSIS

Worksheet 2.0 **is required** for all applications submitted for a TPDES permit. Worksheet 2.0 is not required for applications for a permit to dispose of all wastewater by land disposal or for discharges solely of stormwater associated with industrial activities.

Item 1. General Testing Requirements (Instructions, Page 55)

- Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 2/24/25-3/24/25
- ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.
- Read the general testing requirements in the instructions for important information about sampling, test methods, and MALs. If a contact laboratory was used, attach a list which

includes the name, contact information, and pollutants analyzed for each laboratory/firm.
Attachment: "H"

Item 2. Specific Testing Requirements (Instructions, Page 56)

Attach correspondence from TCEQ approving submittal of less than the required number of samples, if applicable. Attachment: N/A

TABLE 1 and TABLE 2 (Instructions, Page 58)

Completion of Tables 1 and 2 is required for all external outfalls for all TPDES permit applications.

Table 1 for Outfall No.: 001

Samples are (check one): ☐ Composite ☒ Grab

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	<2	<2	<2	<2
CBOD (5-day)	<2	<2	<2	<2
Chemical oxygen demand	19.7	14.9	17.9	23.6
Total organic carbon	6.55	6.60	6.60	6.79
Dissolved oxygen	10.5	9.07	10.1	10.3
Ammonia nitrogen	<0.10	<0.10	<0.10	<0.10
Total suspended solids	4.11	4.42	3.87	3.05
Nitrate nitrogen	0.140	0.120	0.110	0.0800
Total organic nitrogen	0.62	1.8	1.0	<0.20
Total phosphorus	0.14	<0.06	<0.06	<0.06
Oil and grease	<2	<2	<2	<2
Total residual chlorine	<0.10	<0.10	<0.10	<0.10
Total dissolved solids	70	75	78	32
Sulfate	10.5	10.8	10.7	11.0
Chloride	9.0	9.2	9.1	9.2
Fluoride	<0.50	<0.50	<0.50	<0.50
Total alkalinity (mg/L as CaCO ₃)	26.5	26.5	26.0	26.2
Temperature (°F)	54	55	68	57
pH (standard units)	7.85	7.24	7.33	7.24

Table 2 for Outfall No.: 001

Samples are (check one): ☐ Composite ☒ Grab

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	27	19	21	37	2.5
Antimony, total	<5	<5	<5	<5	5

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Arsenic, total	0.76	0.74	0.72	0.70	0.5
Barium, total	46.7	47.2	47.6	47.5	3
Beryllium, total	<0.5	<0.5	<0.5	<0.5	0.5
Cadmium, total	<1	<1	<1	<1	1
Chromium, total	<3	<3	<3	<3	3
Chromium, hexavalent	<3	<3	<3	<3	3
Chromium, trivalent	<3	<3	<3	<3	N/A
Copper, total	<2	10.7	6.780	5.320	2
Cyanide, available	<5.0	<5.0	<5.0	<5.0	2/10
Lead, total	<0.5	3.470	1.74	1.25	0.5
Mercury, total	<0.0005	0.0012	<0.0005	<0.0005	0.005/0.0005
Nickel, total	<2	15.8	7.13	4.32	2
Selenium, total	<5	<5	<5	<5	5
Silver, total	<0.000002	<0.000002	<0.000002	<0.000002	0.5
Thallium, total	<0.5	<0.5	<0.5	<0.5	0.5
Zinc, total	<5	21.2	9.77	6.87	5.0

Table 3 for Outfall No.: **002**Samples are (check one): ☐ Composite ☒ Grab

Pollutant	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)
BOD (5-day)	<2	<2	2.06	<2
CBOD (5-day)	<2	<2	<2	<2
Chemical oxygen demand	<10	15.9	17.2	20.0
Total organic carbon	6.36	6.75	5.90	6.61
Dissolved oxygen	10.4	10.1	10.2	10.3
Ammonia nitrogen	0.50	<0.10	<0.10	<0.10
Total suspended solids	3.91	3.45	3.35	<3
Nitrate nitrogen	0.140	0.130	0.110	0.0900
Total organic nitrogen	0.50	1.3	1.8	0.31
Total phosphorus	<0.06	<0.06	<0.06	<0.06
Oil and grease	<2	<2	<2	<2
Total residual chlorine	<0.10	<0.10	<0.10	<0.10
Total dissolved solids	82	74	71	67
Sulfate	10.9	10.7	10.7	11.0
Chloride	8.9	9.1	9.1	9.3
Fluoride	<0.50	<0.50	<0.5	<0.50
Total alkalinity (mg/L as CaCO ₃)	26.8	26.9	26.0	4.40
Temperature (°F)	52	55	56	58
pH (standard units)	7.69	7.60	7.47	7.62

Table 4 for Outfall No.: **002**Samples are (check one): ☐ Composite ☒ Grab

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Aluminum, total	23	19	26	37	2.5
Antimony, total	<5	<5	<5	<5	5
Arsenic, total	0.76	0.75	0.70	0.66	0.5
Barium, total	46.4	46.8	46.4	46.4	3
Beryllium, total	<0.5	<0.5	<0.5	<0.5	0.5
Cadmium, total	<1	<1	<1	<1	1
Chromium, total	<3	<3	<3	<3	3
Chromium, hexavalent	<3	<3	<3	<3	3
Chromium, trivalent	<3	<3	<3	<3	N/A
Copper, total	<2	<2	<2	<2	2

Pollutant	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	MAL (µg/L)
Cyanide, available	<5.0	<5.0	<5.0	<5.0	2/10
Lead, total	<0.5	<0.5	<0.5	<0.5	0.5
Mercury, total	0.00085	0.00086	0.0010	<0.00050	0.005/0.0005
Nickel, total	<2	<2	<2	<2	2
Selenium, total	<5	<5	<5	<5	5
Silver, total	<0.000002	<0.000002	<0.000002	<0.000002	0.5
Thallium, total	<0.5	<0.5	<0.5	<0.5	0.5
Zinc, total	<5	<5	<5	<5	5.0

TABLE 3 (Instructions, Page 58)

Completion of Table 3 **is required** for all **external outfalls** which discharge process wastewater.

Partial completion of Table 3 **is required** for all **external outfalls** which discharge non-process wastewater and stormwater associated with industrial activities commingled with other wastestreams (see instructions for additional guidance).

Table 5 for Outfall No.: 002

Samples are (check one): ☐ Composite ☒ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Acrylonitrile	<50	<50	<50	<50	50
Anthracene	<5.7	<5.7	<5.7	<5.7	10
Benzene	<1.0	<1.0	<1.0	<1.0	10
Benzidine	<20	<20	<20	<20	50
Benzo(a)anthracene	<5.0	<5.0	<5.0	<5.0	5
Benzo(a)pyrene	<5.0	<5.0	<5.0	<5.0	5
Bis(2-chloroethyl)ether	<10	<10	<10	<10	10
Bis(2-ethylhexyl)phthalate	<5.0	<5.0	<5.0	<5.0	10
Bromodichloromethane [Dichlorobromomethane]	<1.0	<1.0	<1.0	<1.0	10
Bromoform	<5.0	<5.0	<5.0	<5.0	10
Carbon tetrachloride	<5.0	<5.0	<5.0	<5.0	2
Chlorobenzene	<1.0	<1.0	<1.0	<1.0	10
Chlorodibromomethane [Dibromochloromethane]	<5.0	<5.0	<5.0	<5.0	10
Chloroform	<1.0	<1.0	<1.0	<1.0	10
Chrysene	<5.0	<5.0	<5.0	<5.0	5
m-Cresol [3-Methylphenol]	<10	<10	<10	<10	10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
o-Cresol [2-Methylphenol]	<10	<10	<10	<10	10
p-Cresol [4-Methylphenol]	<10	<10	<10	<10	10
1,2-Dibromoethane	<5.0	<5.0	<5.0	<5.0	10
m-Dichlorobenzene [1,3-Dichlorobenzene]	<10	<10	<10	<10	10
o-Dichlorobenzene [1,2-Dichlorobenzene]	<10	<10	<10	<10	10
p-Dichlorobenzene [1,4-Dichlorobenzene]	<10	<10	<10	<10	10
3,3'-Dichlorobenzidine	<5.0	<5.0	<5.0	<5.0	5
1,2-Dichloroethane	<1.0	<1.0	<1.0	<1.0	10
1,1-Dichloroethene [1,1-Dichloroethylene]	<1.0	<1.0	<1.0	<1.0	10
Dichloromethane [Methylene chloride]	<5.0	<5.0	<5.0	<5.0	20
1,2-Dichloropropane	<5.0	<5.0	<5.0	<5.0	10
1,3-Dichloropropene [1,3-Dichloropropylene]	<5.0	<5.0	<5.0	<5.0	10
2,4-Dimethylphenol	<5.0	<5.0	<5.0	<5.0	10
Di-n-Butyl phthalate	<5.0	<5.0	<5.0	<5.0	10
Ethylbenzene	<1.0	<1.0	<1.0	<1.0	10
Fluoride	<0.0005	<0.0005	<0.0005	<0.0005	500
Hexachlorobenzene	<5.0	<5.0	<5.0	<5.0	5
Hexachlorobutadiene	<1.0	<1.0	<1.0	<1.0	10
Hexachlorocyclopentadiene	<10	<10	<10	<10	10
Hexachloroethane	<4.8	<4.8	<4.8	<4.8	20
Methyl ethyl ketone	<50	<50	<50	<50	50
Nitrobenzene	<5.0	<5.0	<5.0	<5.0	10
N-Nitrosodiethylamine	<10	<10	<10	<10	20
N-Nitroso-di-n-butylamine	<10	<10	<10	<10	20
Nonylphenol	<10	<10	<10	<10	333
Pentachlorobenzene	<10	<10	<10	<10	20
Pentachlorophenol	<10	<10	<10	<10	5
Phenanthrene	<10	<10	<10	<10	10
Polychlorinated biphenyls (PCBs) (**)	<0.50	<0.50	<0.50	<0.50	0.2

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Pyridine	<10	<10	<10	<10	20
1,2,4,5-Tetrachlorobenzene	<10	<10	<10	<10	20
1,1,2,2-Tetrachloroethane	<1.0	<1.0	<1.0	<1.0	10
Tetrachloroethene [Tetrachloroethylene]	<1.0	<1.0	<1.0	<1.0	10
Toluene	<1.0	<1.0	<1.0	<1.0	10
1,1,1-Trichloroethane	<5.0	<5.0	<5.0	<5.0	10
1,1,2-Trichloroethane	<1.0	<1.0	<1.0	<1.0	10
Trichloroethene [Trichloroethylene]	<5.0	<5.0	<5.0	<5.0	10
2,4,5-Trichlorophenol	<10	<10	<10	<10	50
TTHM (Total trihalomethanes)	<5.0	<5.0	<5.0	<5.0	10
Vinyl chloride	<2.0	<2.0	<2.0	<2.0	10

(*) Indicate units if different from µg/L.

(**) Total of detects for PCB-1242, PCB-1254, PCB-1221, PCB-1232, PCB-1248, PCB-1260, and PCB-1016. If all non-detects, enter the highest non-detect preceded by a "<".

TABLE 4 (Instructions, Pages 58-59)

Partial completion of Table 4 **is required** for each **external outfall** based on the conditions below.

a. Tributyltin

Is this facility an industrial/commercial facility which currently or proposes to directly dispose of wastewater from the types of operations listed below or a domestic facility which currently or proposes to receive wastewater from the types of industrial/commercial operations listed below?

☐ Yes ☒ No

If **yes**, check the box next to each of the following criteria which apply and provide the appropriate testing results in Table 4 below (check all that apply).

- ☐ Manufacturers and formulators of tributyltin or related compounds.
- ☐ Painting of ships, boats and marine structures.
- ☐ Ship and boat building and repairing.
- ☐ Ship and boat cleaning, salvage, wrecking and scaling.
- ☐ Operation and maintenance of marine cargo handling facilities and marinas.
- ☐ Facilities engaged in wood preserving.
- ☐ Any other industrial/commercial facility for which tributyltin is known to be present, or for which there is any reason to believe that tributyltin may be present in the effluent.

b. Enterococci (discharge to saltwater)

This facility discharges/proposes to discharge directly into saltwater receiving waters **and** Enterococci bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

c. E. coli (discharge to freshwater)

This facility discharges/proposes to discharge directly into freshwater receiving waters **and** *E. coli* bacteria are expected to be present in the discharge based on facility processes.

☐ Yes ☒ No

Domestic wastewater is/will be discharged.

☐ Yes ☒ No

If **yes to either** question, provide the appropriate testing results in Table 4 below.

Table 6 for Outfall No.: N/A

Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1	Sample 2	Sample 3	Sample 4	MAL
Tributyltin (µg/L)					0.010
Enterococci (cfu or MPN/100 mL)					N/A
<i>E. coli</i> (cfu or MPN/100 mL)					N/A

TABLE 5 (Instructions, Page 59)

Completion of Table 5 **is required** for all **external outfalls** which discharge process wastewater from a facility which manufactures or formulates pesticides or herbicides or other wastewaters which may contain pesticides or herbicides.

If this facility does not/will not manufacture or formulate pesticides or herbicides and does not/will not discharge other wastewaters that may contain pesticides or herbicides, check N/A.

☒ N/A

Table 7 for Outfall No.: [Click to enter text.](#)

Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
Aldrin					0.01
Carbaryl					5
Chlordane					0.2
Chlorpyrifos					0.05
4,4'-DDD					0.1
4,4'-DDE					0.1
4,4'-DDT					0.02

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)*
2,4-D					0.7
Danitol [Fenpropathrin]					—
Demeton					0.20
Diazinon					0.5/0.1
Dicofol [Kelthane]					1
Dieldrin					0.02
Diuron					0.090
Endosulfan I (<i>alpha</i>)					0.01
Endosulfan II (<i>beta</i>)					0.02
Endosulfan sulfate					0.1
Endrin					0.02
Guthion [Azinphos methyl]					0.1
Heptachlor					0.01
Heptachlor epoxide					0.01
Hexachlorocyclohexane (<i>alpha</i>)					0.05
Hexachlorocyclohexane (<i>beta</i>)					0.05
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]					0.05
Hexachlorophene					10
Malathion					0.1
Methoxychlor					2.0
Mirex					0.02
Parathion (ethyl)					0.1
Toxaphene					0.3
2,4,5-TP [Silvex]					0.3

* Indicate units if different from µg/L.

TABLE 6 (Instructions, Page 59)

Completion of Table 6 is required for all external outfalls.

Table 8 for Outfall No.: **001**

Samples are (check one): ☐ Composite ☒ Grab

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☒	☐	43	38	33	35	—
Nitrate-Nitrite (as N)	☒	☐	<0.05	<0.05	<0.05	<0.05	—
Sulfide (as S)	☐	☒					—
Sulfite (as SO ₃)	☐	☒					—
Surfactants	☒	☐	<0.10	<0.10	<0.10	0.10	—
Boron, total	☒	☐	0.028	0.026	0.030	0.028	20
Cobalt, total	☐	☒					0.3
Iron, total	☒	☐	0.109	0.132	0.105	0.094	7
Magnesium, total	☒	☐	2.68	2.66	2.80	2.92	20
Manganese, total	☒	☐	0.0354	0.0427	0.0347	0.0235	0.5
Molybdenum, total	☐	☒					1
Tin, total	☒	☐	<0.0020	<0.0020	<0.0020	<0.0020	5
Titanium, total	☐	☒					30

Table 9 for Outfall No.: **002**

Samples are (check one): ☐ Composite ☒ Grab

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Bromide	☐	☒					400
Color (PCU)	☒	☐	38	35	38	32	—
Nitrate-Nitrite (as N)	☒	☐	<0.05	<0.05	<0.05	<0.05	—
Sulfide (as S)	☐	☒					—
Sulfite (as SO ₃)	☐	☒					—
Surfactants	☒	☐		<0.10	<0.10	<0.10	—
Boron, total	☒	☐	0.027	0.027	0.028	0.030	20
Cobalt, total	☐	☒					0.3
Iron, total	☒	☐	0.109	0.106	0.108	0.0910	7
Magnesium, total	☒	☐	2.69	2.75	2.72	2.84	20
Manganese, total	☒	☐	0.0342	0.0315	0.0303	0.0218	0.5
Molybdenum, total	☐	☒					1

Pollutants	Believed Present	Believed Absent	Sample 1 (mg/L)	Sample 2 (mg/L)	Sample 3 (mg/L)	Sample 4 (mg/L)	MAL (µg/L)*
Tin, total	☒	☐	<0.0020	<0.0020	<0.0020	<0.0020	5
Titanium, total	☐	☒					30

TABLE 7 (Instructions, Page 60)

Check the box next to any of the industrial categories applicable to this facility. If no categories are applicable, check N/A. If GC/MS testing is required, check the box provided to confirm the testing results for the appropriate parameters are provided with the application.

☒ N/A

Table 10 for Applicable Industrial Categories

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/Neutrals Table 10	Pesticides Table 11
☐ Adhesives and Sealants		☐ Yes	☐ Yes	☐ Yes	No
☐ Aluminum Forming	467	☐ Yes	☐ Yes	☐ Yes	No
☐ Auto and Other Laundries		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Battery Manufacturing	461	☐ Yes	No	☐ Yes	No
☐ Coal Mining	434	No	No	No	No
☐ Coil Coating	465	☐ Yes	☐ Yes	☐ Yes	No
☐ Copper Forming	468	☐ Yes	☐ Yes	☐ Yes	No
☐ Electric and Electronic Components	469	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Electroplating	413	☐ Yes	☐ Yes	☐ Yes	No
☐ Explosives Manufacturing	457	No	☐ Yes	☐ Yes	No
☐ Foundries		☐ Yes	☐ Yes	☐ Yes	No
☐ Gum and Wood Chemicals - Subparts A,B,C,E	454	☐ Yes	☐ Yes	No	No
☐ Gum and Wood Chemicals - Subparts D,F	454	☐ Yes	☐ Yes	☐ Yes	No
☐ Inorganic Chemicals Manufacturing	415	☐ Yes	☐ Yes	☐ Yes	No
☐ Iron and Steel Manufacturing	420	☐ Yes	☐ Yes	☐ Yes	No
☐ Leather Tanning and Finishing	425	☐ Yes	☐ Yes	☐ Yes	No
☐ Mechanical Products Manufacturing		☐ Yes	☐ Yes	☐ Yes	No
☐ Nonferrous Metals Manufacturing	421,471	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Oil and Gas Extraction - Subparts A, D, E, F, G, H	435	☐ Yes	☐ Yes	☐ Yes	No
☐ Ore Mining - Subpart B	440	No	☐ Yes	No	No
☐ Organic Chemicals Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Paint and Ink Formulation	446,447	☐ Yes	☐ Yes	☐ Yes	No
☐ Pesticides	455	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Petroleum Refining	419	☐ Yes	No	No	No
☐ Pharmaceutical Preparations	439	☐ Yes	☐ Yes	☐ Yes	No
☐ Photographic Equipment and Supplies	459	☐ Yes	☐ Yes	☐ Yes	No
☐ Plastic and Synthetic Materials Manufacturing	414	☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Plastic Processing	463	☐ Yes	No	No	No
☐ Porcelain Enameling	466	No	No	No	No
☐ Printing and Publishing		☐ Yes	☐ Yes	☐ Yes	☐ Yes
☐ Pulp and Paperboard Mills - Subpart C	430	☐ *	☐ Yes	☐ *	☐ Yes
☐ Pulp and Paperboard Mills - Subparts F, K	430	☐ *	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts A, B, D, G, H	430	☐ Yes	☐ Yes	☐ *	☐ *
☐ Pulp and Paperboard Mills - Subparts I, J, L	430	☐ Yes	☐ Yes	☐ *	☐ Yes

Industrial Category	40 CFR Part	Volatiles Table 8	Acids Table 9	Bases/Neutrals Table 10	Pesticides Table 11
☐ Pulp and Paperboard Mills - Subpart E	430	☐ Yes	☐ Yes	☐ Yes	☐ *
☐ Rubber Processing	428	☐ Yes	☐ Yes	☐ Yes	No
☐ Soap and Detergent Manufacturing	417	☐ Yes	☐ Yes	☐ Yes	No
☐ Steam Electric Power Plants	423	☐ Yes	☐ Yes	No	No
☐ Textile Mills (Not Subpart C)	410	☐ Yes	☐ Yes	☐ Yes	No
☐ Timber Products Processing	429	☐ Yes	☐ Yes	☐ Yes	☐ Yes

* Test if believed present.

TABLES 8, 9, 10, and 11 (Instructions, Page 60)

Completion of Tables 8, 9, 10, and 11 **is required** as specified in Table 7 for all **external outfalls** that contain process wastewater.

Completion of Tables 8, 9, 10, and 11 **may be required** for types of industry not specified in Table 7 for specific parameters that are believed to be present in the wastewater.

Table 11 for Outfall No.: N/A

Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	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 [1,1-Dichloroethene]					10
1,2-Dichloropropane					10
1,3-Dichloropropylene [1,3-Dichloropropene]					10
Ethylbenzene					10
Methyl bromide [Bromomethane]					50
Methyl chloride [Chloromethane]					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Methylene chloride [Dichloromethane]					20
1,1,2,2-Tetrachloroethane					10
Tetrachloroethylene [Tetrachloroethene]					10
Toluene					10
1,2-Trans-dichloroethylene [1,2-Trans-dichloroethene]					10
1,1,1-Trichloroethane					10
1,1,2-Trichloroethane					10
Trichloroethylene [Trichloroethene]					10
Vinyl chloride					10

* Indicate units if different from µg/L.

Table 12 for Outfall No.: N/A

Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	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
Pentachlorophenol					5
Phenol					10
2,4,6-Trichlorophenol					10

* Indicate units if different from µg/L.

Table 13 for Outfall No.: N/A

Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Acenaphthene					10
Acenaphthylene					10
Anthracene					10
Benzidine					50

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Benzo(a)anthracene					5
Benzo(a)pyrene					5
3,4-Benzofluoranthene [Benzo(b)fluoranthene]					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
Butylbenzyl phthalate					10
2-Chloronaphthalene					10
4-Chlorophenyl phenyl ether					10
Chrysene					5
Dibenzo(a,h)anthracene					5
1,2-Dichlorobenzene [o-Dichlorobenzene]					10
1,3-Dichlorobenzene [m-Dichlorobenzene]					10
1,4-Dichlorobenzene [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
Fluorene					10
Hexachlorobenzene					5
Hexachlorobutadiene					10

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Hexachlorocyclopentadiene					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

* Indicate units if different from µg/L.

Table 14 for Outfall No.: N/A

Samples are (check one): ☐ Composite ☐ Grab

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
Aldrin					0.01
alpha-BHC [alpha-Hexachlorocyclohexane]					0.05
beta-BHC [beta-Hexachlorocyclohexane]					0.05
gamma-BHC [gamma-Hexachlorocyclohexane]					0.05
delta-BHC [delta-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

Pollutant	Sample 1 (µg/L)*	Sample 2 (µg/L)*	Sample 3 (µg/L)*	Sample 4 (µg/L)*	MAL (µg/L)
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

* Indicate units if different from µg/L.

Attachment: N/A

TABLE 12 (DIOXINS/FURAN COMPOUNDS)

Complete of Table 12 **is required** for **external outfalls**, as directed below. (Instructions, Pages 59-60)

Indicate which compound(s) are manufactured or used at the facility and provide a brief description of the conditions of its/their presence at the facility (check all that apply).

- ☐ 2,4,5-trichlorophenoxy acetic acid (2,4,5-T) CASRN 93-76-5
- ☐ 2-(2,4,5-trichlorophenoxy) propanoic acid (Silvex, 2,4,5-TP) CASRN 93-72-1
- ☐ 2-(2,4,5-trichlorophenoxy) ethyl 2,2-dichloropropionate (Erbon) CASRN 136-25-4
- ☐ 0,0-dimethyl 0-(2,4,5-trichlorophenyl) phosphorothioate (Ronnell) CASRN 299-84-3
- ☐ 2,4,5-trichlorophenol (TCP) CASRN 95-95-4
- ☐ hexachlorophene (HCP) CASRN 70-30-4
- ☒ None of the above

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

Does the applicant or anyone at the facility 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 the effluent proposed for discharge?

- ☐ Yes ☒ No

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

If **yes** to either Items a or b, complete Table 12 as instructed.

Table 15 for Outfall No.: N/ASamples are (check one): ☐ Composite ☐ Grab

Compound	Toxicity Equivalent Factors	Wastewater Concentration (ppq)	Wastewater Toxicity Equivalents (ppq)	Sludge Concentration (ppt)	Sludge Toxicity Equivalents (ppt)	MAL (ppq)
2,3,7,8-TCDD	1					10
1,2,3,7,8-PeCDD	1.0					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	0.03					50
2,3,4,7,8-PeCDF	0.3					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					500
PCB 81	0.0003					500
PCB 126	0.1					500
PCB 169	0.03					500
Total						

TABLE 13 (HAZARDOUS SUBSTANCES)

Complete Table 13 is **required** for all **external outfalls** as directed below. (Instructions, Pages 60-61)

Are there any pollutants listed in the instructions (pages 55-62) believed present in the discharge?

☐ Yes ☒ No

Are there pollutants listed in Item 1.c. of Technical Report 1.0 which are believed present in the discharge and have not been analytically quantified elsewhere in this application?

☐ Yes ☒ No

If **yes** to either Items a **or** b, complete Table 13 as instructed.

Table 16 for Outfall No.: N/A

Samples are (check one): ☐ Composite ☐ Grab

Pollutant	CASRN	Sample 1 (µg/L)	Sample 2 (µg/L)	Sample 3 (µg/L)	Sample 4 (µg/L)	Analytical Method

INDUSTRIAL WASTEWATER PERMIT APPLICATION

WORKSHEET 4.0: RECEIVING WATERS

This worksheet **is required** for all TPDES permit applications.

Item 1. Domestic Drinking Water Supply (Instructions, Page 80)

- a. There is a surface water intake for domestic drinking water supply located within 5 (five) miles downstream from the point/proposed point of discharge.

☐ Yes ☒ No

If **no**, stop here and proceed to Item 2. If **yes**, provide the following information:

1. The legal name of the owner of the drinking water supply intake: [Click to enter text.](#)
2. The distance and direction from the outfall to the drinking water supply intake: [Click to enter text.](#)

- b. Locate and identify the intake on the USGS 7.5-minute topographic map provided for Administrative Report 1.0.

☐ Check this box to confirm the above requested information is provided.

Item 2. Discharge Into Tidally Influenced Waters (Instructions, Page 80)

If the discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.

- a. Width of the receiving water at the outfall: N/A feet
- b. Are there oyster reefs in the vicinity of the discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the oyster reefs: [Click to enter text.](#)

- c. Are there sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If **yes**, provide the distance and direction from the outfall(s) to the grasses: [Click to enter text.](#)

Item 3. Classified Segment (Instructions, Page 80)

The discharge is/will be directly into (or within 300 feet of) a classified segment.

☒ Yes ☐ No

If **yes**, stop here and do not complete Items 4 and 5 of this worksheet or Worksheet 4.1.

If **no**, complete Items 4 and 5 and Worksheet 4.1 may be required.

Item 4. Description of Immediate Receiving Waters (Instructions, Page 80)

- a. Name of the immediate receiving waters: [Click to enter text.](#)
- b. Check the appropriate description of the immediate receiving waters:
- ☐ Lake or Pond
 - Surface area (acres): [Click to enter text.](#)
 - Average depth of the entire water body (feet): [Click to enter text.](#)
 - Average depth of water body within a 500-foot radius of the discharge point (feet): [Click to enter text.](#)
 - ☐ Man-Made Channel or Ditch
 - ☐ Stream or Creek
 - ☐ Freshwater Swamp or Marsh
 - ☐ Tidal Stream, Bayou, or Marsh
 - ☐ Open Bay
 - ☐ Other, specify:

If **Man-Made Channel or Ditch** or **Stream or Creek** were selected above, provide responses to Items 4.c – 4.g below:

- c. For **existing discharges**, check the description below that best characterizes the area **upstream** of the discharge.

For **new discharges**, check the description below that best characterizes the area **downstream** of the discharge.

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

Check the source(s) of the information used to characterize the area upstream (existing discharge) or downstream (new discharge):

- ☐ USGS flow records
- ☐ personal observation
- ☐ historical observation by adjacent landowner(s)
- ☐ other, specify: [Click to enter text.](#)

- d. List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: [Click to enter text.](#)
- e. 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**, describe how: [Click to enter text.](#)

- f. General observations of the water body during normal dry weather conditions: [Click to enter text.](#)

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

- g. The water body was influenced by stormwater runoff during observations.

☐ Yes ☐ No

If **yes**, describe how: [Click to enter text.](#)

Item 5. General Characteristics of Water Body (Instructions, Page 81)

- a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply):

☐ oil field activities	☐ urban runoff
☐ agricultural runoff	☐ septic tanks
☐ upstream discharges	☐ other, specify: Click to enter text.

- b. Uses of water body observed or evidence of such uses (check all that apply):

☐ livestock watering	☐ industrial water supply
☐ non-contact recreation	☐ irrigation withdrawal
☐ domestic water supply	☐ navigation
☐ contact recreation	☐ picnic/park activities
☐ fishing	☐ other, specify: Click to enter text.

- c. Description which best describes the aesthetics of the receiving water and the surrounding area (check only one):

☐ **Wilderness:** outstanding natural beauty; usually wooded or un-pastured area: water clarity exceptional

☐ **Natural Area:** trees or native vegetation common; some development evident (from fields, pastures, dwellings); water clarity discolored

☐ **Common Setting:** not offensive, developed but uncluttered; water may be colored or turbid

☐ **Offensive:** stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

INDUSTRIAL WASTEWATER PERMIT APPLICATION

WORKSHEET 7.0: STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITIES

This worksheet **is required** for all TPDES permit applications requesting individual permit coverage for discharges consisting of **either**: 1) solely of stormwater discharges associated with industrial activities, as defined in *40 CFR § 122.26(b)(14)(i-xi)*, **or** 2) stormwater discharges associated with industrial activities and any of the listed allowable non-stormwater discharges, as defined in the MSGP (TXR05000), Part II, Section A, Item 6.

Discharges of stormwater as defined in *40 CFR § 122.26 (b)(13)* are not required to obtain authorization under a TPDES permit (see exceptions at *40 CFR §§ 122.26(a)(1)* and *(9)*). Authorization for discharge may be required from a local municipal separate storm sewer system.

Item 1. Applicability (Instructions, Page 89)

Do discharges from any of the existing/proposed outfalls consist either 1) solely of stormwater discharges associated with industrial activities **or** 2) stormwater discharges associated with industrial activities and any of the allowable non-stormwater discharges?

☒ Yes ☐ No

If **no**, stop here. If **yes**, proceed as directed.

Item 2. Stormwater Coverage (Instructions, Page 89)

List each existing/proposed stormwater outfall at the facility and indicate which type of authorization covers or is proposed to cover discharges.

Authorization Coverage

Outfall	Authorization under MSGP	Authorized Under Individual Permit
003	☐	☒
004	☐	☒
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐
	☐	☐

If **all** existing/proposed outfalls which discharge stormwater associated with industrial activities (and any of the allowable non-stormwater discharges) are **authorized under the MSGP**, **stop** here.

If **seeking authorization** for any outfalls which discharge stormwater associated with industrial activities (and any of the allowable non-stormwater discharges) **under an individual permit**, **proceed**.

NOTE: The following information is required for each existing/proposed stormwater outfall for which the facility is seeking individual permit authorization under this application

Item 3. Site Map (Instructions, Page 90)

Attach a site map or maps (drawn to scale) of the entire facility with the following information.

- the location of each stormwater outfall to be covered by the permit
- an outline of the drainage area that is within the facility's boundary and that contributes stormwater to each outfall to be covered by the permit
- connections or discharge points to municipal separate storm sewer systems
- locations of all structures (e.g. buildings, garages, storage tanks)
- structural control devices that are designed to reduce pollution in discharges of stormwater associated with industrial activities
- process wastewater treatment units (including ponds)
- bag house and other air treatment units exposed to stormwater (stormwater runoff, snow melt runoff, and surface runoff and drainage)
- landfills; scrapyards; surface water bodies (including wetlands)
- vehicle and equipment maintenance areas
- physical features of the site that may influence discharges of stormwater associated with industrial activities or contribute a dry weather flow
- locations where spills or leaks of reportable quality (as defined in *30 TAC § 327.4*) have occurred during the three years before this application was submitted to obtain coverage under an individual permit
- processing areas, storage areas, material loading/unloading areas, and other locations where significant materials are exposed to stormwater (stormwater runoff, snow melt runoff, and surface runoff and drainage)

☒ Check the box to confirm all above information was provided on the facility site map(s).

Attachment: "D"

Item 4. Facility/Site Information (Instructions, Page 90)

- a. Provide the area of impervious surface and the total area drained by each stormwater outfall requested for authorization by this permit application.

Impervious Surfaces

Outfall	Area of Impervious Surface (include units)	Total Area Drained (include units)
003	2.8 Acres	13.8 Acres
004	.227 Acres	.227 Acres

- b. Provide the following local area rainfall information and the source of the information.
- Wettest month: June
- Average rainfall for wettest month (total inches): 7.1
- 25-year, 24-hour rainfall (inches): 9.5
- Source: Technical Paper 40, Weather Bureau (now National Weather Service)
- c. Attach an inventory, or list, of materials currently handled at the facility that may be exposed to precipitation. **Attachment: Transformer Oil**
- d. Attach narrative descriptions of the industrial processes and activities involving the materials in the above-listed inventory that occur outdoors or in some manner that may result in exposure of the materials to precipitation or runoff (see instructions for guidance). **Attachment: The deck area directly adjacent to the powerhouse is occasionally used for staging materials and minor maintenance activities that would be contacted by storm water in this area. Some outage maintenance activities include hydro-blasting of coolers resulting in temporary deposits of rust in this area that might be contacted by storm water runoff if a rainfall event occurs prior to the area being cleaned. Additionally in the transformer yard where the main station transformer is located could produce transformer oil leaks that might be contacted by storm water runoff if a rainfall event occurs prior to any necessary repairs and cleaning.**
- e. Describe any BMPs and controls the facility uses/proposes to prevent or effectively reduce pollution in stormwater discharges from the facility: **Oil filled equipment and tanks on the site are either built with double-walled construction or set inside secondary containment to prevent accidental release of oil to the environment. Rainwater collected in the transformer yard flows through a channel to an oil-water separation system, which includes two 4,500-gallon tanks for removing oil and other contaminants. An emergency spill kit is staged for easy access in the event a leak is detected during visual inspection of the transformer. Good housekeeping practices are employed to facilitate early visual identification of any potential leaks.**

Item 5. Pollutant Analysis (Instructions, Page 91)

- a. Provide the date range of all sampling events conducted to obtain the analytical data submitted with this application (e.g., 05/01/2018-05/30/2018): 3/4/2025
- b. ☒ Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.
- c. Complete Table 17 as directed on page 92 of the Instructions.

Table 17 for Outfall No.: 003

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled	MAL (mg/L)
pH (standard units)	7.3 (max)	—	(min)	—		—
Total suspended solids	10.2					—
Chemical oxygen demand	105					—

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled	MAL (mg/L)
Total organic carbon	26.1					—
Oil and grease	<2					—
Arsenic, total	<0.0005					0.0005
Barium, total	0.00706					0.003
Cadmium, total	<0.001					0.001
Chromium, total	<0.003					0.003
Chromium, trivalent	<0.003					—
Chromium, hexavalent	<0.003					0.003
Copper, total	0.00233					0.002
Lead, total	0.00431					0.0005
Mercury, total	0.0058					0.000005
Nickel, total	0.00212					0.002
Selenium, total	<0.005					0.005
Silver, total	<0.00035					0.0005
Zinc, total	0.0886					0.005

* Taken during first 30 minutes of storm event

** Flow-weighted composite sample

d. Complete Table 18 as directed on pages 92-94 of the Instructions.

Table 18 for Outfall No.: N/A

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled

Pollutant	Grab Sample* Maximum (mg/L)	Composite Sample** Maximum (mg/L)	Grab Sample* Average (mg/L)	Composite Sample** Average (mg/L)	Number of Storm Events Sampled

* Taken during first 30 minutes of storm event

** Flow-weighted composite sample

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

Item 6. Storm Event Data (Instructions, Page 93)

Provide the following data for the storm event(s) which resulted in the maximum values for the analytical data submitted:

Date of storm event: 3/4/2025

Duration of storm event (minutes): 60 minutes

Total rainfall during storm event (inches): 0.71 in.

Number of hours the between beginning of the storm measured and the end of the previous measurable storm event (hours): 5 hours

Maximum flow rate during rain event (gallons/minute): 10 GPM

Total stormwater flow from rain event (gallons): 600 GPM

Provide a description of the method of flow measurement or estimate: Time required to fill a known volume.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:

Application type: ____Renewal ____Major Amendment ____Minor Amendment ____New

County: _____ Segment Number: _____

Admin Complete Date: _____

Agency Receiving SPIF:

____ Texas Historical Commission

____ U.S. Fish and Wildlife

____ Texas Parks and Wildlife Department

____ U.S. Army Corps of Engineers

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

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

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

The following applies to all applications:

1. Permittee: Sabine River Authorities (See Appendix I for complete ownership detail)

Permit No. WQ00 04845000EPA ID No. TX 0130109

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

209 Private Road 6055 Burkeville, Texas 75932- 15 miles northeast of Burkeville, Texas on Hwy 692.

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: Don Iles

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

Title: Middle Basin Regional Manager

Mailing Address: 450 Spur 135

City, State, Zip Code: Burkeville, Texas 75932

Phone No.: (409) 565-2273 Ext.: Fax No.: (409) 565-2238

E-mail Address: diles@sratx.org

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

N/A

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

To an unnamed man-made channel; thence to Sabine River above Caney Creek in Segment No. 0503

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

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

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

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

☐ Disturbance of vegetation or wetlands

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

N/A

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

Hydro-electric power generation site with associated ancillary buildings, parking areas, and storage. No change in land use is planned for the permit period.

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

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

The Generator Step-Up (GSU) Transformer project kicked off on October 17, 2022. The civil site work was completed in the Spring of 2023. The two new GSU transformers were delivered and installed on their prepared foundations on July 11, 2023, and substantial completion for the 138 KV substation was reached on November 7, 2023. Due to raw material shortages and elevated lake levels, the overall project was delayed until the Fall of 2024. TBPJO resumed construction and went into a powerhouse outage on September 16, 2024, to remove the existing transformer, install the switchgear, make final terminations, and perform testing and commissioning. Final completion for the entire GSU Transformer project was reached on November 14, 2024.

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

The property belongs jointly to the Sabine River Authority of Texas and Sabine River Authority, State of Louisiana and is used for power generation.



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

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

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

Section 2. Secondary Screening

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

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

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

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

Hydro-electric power generation facility does not have significant public interest nor is it located within the specified geographical locations.

Section 3. Application Information

Type of Application (check all that apply):

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

Water Quality

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

Water Rights New Permit

☐ New Appropriation of Water
☐ New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)

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

☐

City

☐

County

☐

Census Tract

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

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

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

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

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

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

☐ Yes ☐ No

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

☐ Yes ☐ No

If Yes, please describe.

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

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

☐ Yes ☐ No

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

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

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

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

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

Section 7. Voluntary Submittal

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

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

☐ Yes ☐ No

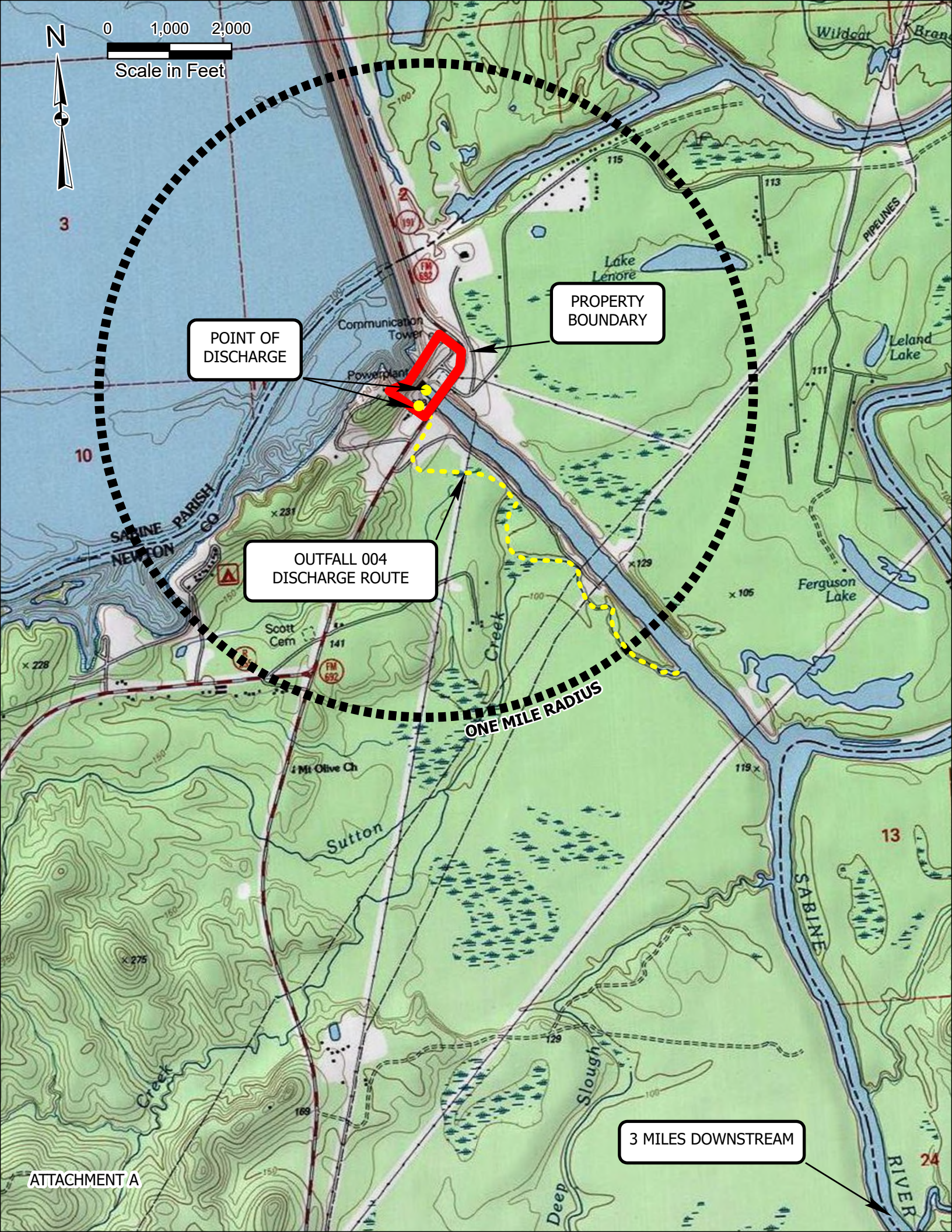
What types of notice will be provided?

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



0 1,000 2,000

Scale in Feet



POINT OF
DISCHARGE

PROPERTY
BOUNDARY

OUTFALL 004
DISCHARGE ROUTE

ONE MILE RADIUS

3 MILES DOWNSTREAM



(409) 746-2192
FAX (409) 746-3780



P.O. BOX 579
ORANGE, TEXAS
77631

ATTACHMENT "C"

Wastewater Generation Processes

Sabine River Authority WWTP Permit
Renewal TPDES Permit No. WQ0004845000

Facility Location

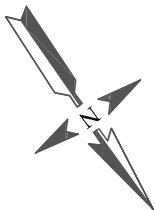
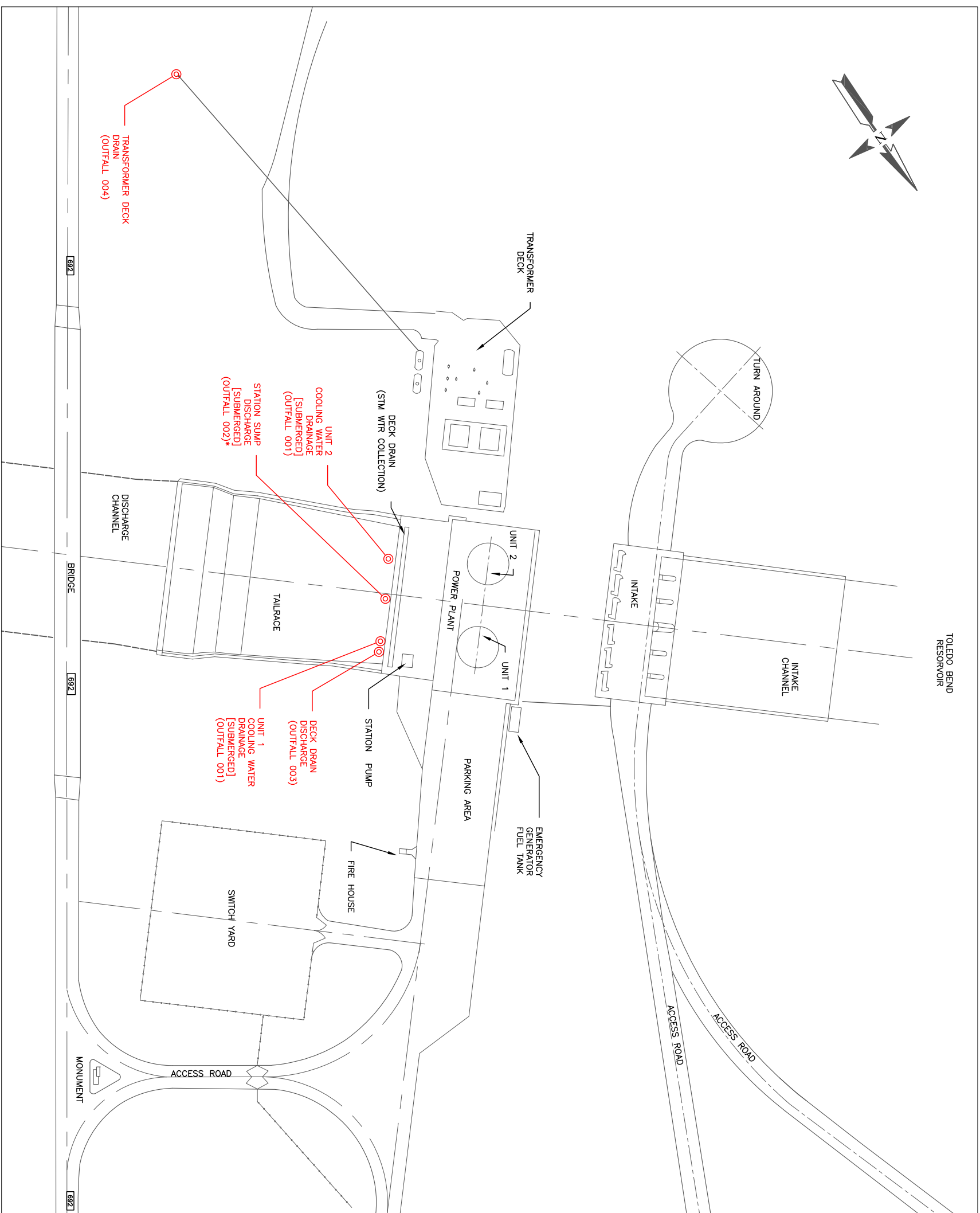
The Toledo Bend Project is located approximately 15 miles northeast of Burkeville, Texas in the unincorporated area of Newton County, Texas. The facility is owned and operated by Sabine River Authority of Texas and Sabine River Authority, State of Louisiana. The facility, constructed primarily for the purpose of water management and hydroelectric power generation, sits at 185.0 feet above sea level. The surrounding property consists of mainly wooded areas with sparse pasture and residential development.

Description of Process

The Toledo Bend hydroelectric generating facility consists of two generating units with a total generating capacity of 80 megawatts (MW). Units 1 and 2 are both English Electric Kaplan style turbines and Allis Chalmers umbrella type water cooled generators with nameplate ratings of 40 MW each in operation since 1968. Water enters the facility from Toledo Bend Reservoir and is discharged to a man-made canal which flows into the Sabine River Segment 0503 approximately 3960 feet southeast from the dam. The annual operation time for the units is planned both to maintain nominal levels in the reservoir and generate peak demand power.

Wastewater is routinely generated by the facility in the form of non-contact cooling water, condensation and incidental low-volume waster, and storm water runoff from the building roof, deck and transformer yard located on the southwest side of the powerhouse building. Non-contact cooling water is withdrawn as a side stream from the main generating facility throughput and used both for generator cooling and bearing lubrication cooling purposes via heat exchangers. During periods when the facility is not generating power, this cooling water flow continues but no heat exchange is affected. Normal condensation throughout the facility, along with incidental drips and leaks, is collected in floor drains and routed to the station sump for intermittent discharge. This sump also serves as the discharge point for dewatering the facility during major station maintenance outages. Rainwater from the roof of the generator building and deck area is collected in a grated drain for discharge during storm events. Wastewater is discharged from the facility to the tailrace of the dam, where it mixes with the generating flow and travels via a manmade channel to enter the Sabine River. Rainwater collected in the transformer yard flows through a channel to an oil-water separation system, which includes two 4,500-gallon tanks for removing oil and other contaminants. Following separation, the storm water is discharged into a drainage ditch managed by the Texas Department of Transportation (TxDOT). From there, the water flows downgradient into naturally occurring sloughs, eventually reaching the manmade channel approximately 1.3 miles downstream from the powerhouse deck.

Potable water for the facility is supplied from water wells owned and operated by the Sabine River Authority and is not treated further on site. Sanitary domestic sewage for the facility is collected and discharged via an air-lift ejector to a septic tank and drain field system located on adjacent property owned and operated by Sabine River Authority.



LEGEND

OUTFALL LOCATIONS

* SAMPLING LOCATION IS IN SUMP PIT ROOM

REV.	DESCRIPTION		BY	APPR.	DATE
	BY	DATE	SABINE RIVER AUTHORITY OF TEXAS TOLEDO BEND DIVISION TPOES PERMIT RENEWAL SITE PLAN EXHIBIT		
DRAWN	PR	06/20/2025			
CHKD.					
APPR.					
APPR.					
FOR: FOR REVIEW					
DRAWING NO.			REV.	0	
SCALE:			ATTACHMENT D		



(409) 746-2192
FAX (409) 746-3780



P.O. BOX 579
ORANGE, TEXAS
77631

ATTACHMENT "F"

Physical, Chemical and/or Biological Treatment Processes

Sabine River Authority WWTP Permit
Renewal TPDES Permit No. WQ0004845000

The following describes, in order of outfall, the treatment processes and wastewater effluents associated with the operation of the Toledo Bend Project.

Outfall 001: Non-contact cooling water

Outfall 001 consists of two separate discharge points in the tailrace of the dam, which are sampled individually and composited on the basis of flow for the purpose of monitoring non-contact cooling water. Temperature monitoring is conducted by in-situ measurement devices installed in the cooling water lines. Since the actual discharge points are submerged during generation, any other sampling for these points will be at sample taps installed in the cooling water discharge lines from both Units 1 and 2 inside the powerhouse, just before the lines penetrate the wall of the structure. During periods of non-generation, monitoring may be conducted directly from the discharge pipes where the water enters the tail race of the dam if ambient conditions permit.

Water for non-contact cooling is withdrawn as a side-stream from the water that flows through the dam. It flows through mechanical strainers and then splits into piping leading to the Thrust and Guide Bearing coolers (80 gpm per unit) and into the Generator Cooling System (300 gpm per unit). After passing through the coolers, the two streams are combined into a common cooling water header which discharges into the tailrace of the dam. The approximately 1.2 MGD of water that makes up this waste stream flows continuously; however, it should be noted that heat load is only added to the discharge during periods when the dam is producing power. No chemicals are added to the cooling water and no treatment is employed prior to discharge.

Outfall 002: Low-volume wastewater

Outfall 002 consists of intermittent discharge from the station sump to the tailrace of the dam. The actual point of discharge is submerged beneath the water surface in the tailrace; therefore, this waste stream is sampled at a tap installed in the sump discharge line just before the line penetrates the wall of the structure for the purpose of monitoring designated low-volume wastes.

The routine processes that generate low volume wastes include condensation throughout the facility and incidental drips and leaks from facility piping and water cooled equipment. A mechanical skimmer operates in the sump to remove any oily substances that may be transported into the sump prior to discharge. No chemical treatment is currently employed in this waste stream. The station sump pumps operate an average of 2 hours per day and discharges approximately 0.036 MGD under normal operating conditions.

During annual station maintenance outages, this sump also serves as the station dewatering point. In this process, the water that remains trapped in the turbines and draft tubes during periods of non-generation is pumped out of the dam through this sump to allow for maintenance of the major powerhouse components. This dewatering process has produced instantaneous flows as high as 128 MGD initially with sustained discharge returning to normal flow once the main bulk of the water has been drained.

Outfall 003: Stormwater Runoff from Deck Drains

Outfall 003 consists of the exit of the deck drain pipe for the purpose of monitoring storm water runoff in the area around the powerhouse structure. Rain water that comes from the roof of the powerhouse and the deck is collected into a channel that exits a pipe into the tailrace of the dam just below the edge of the deck.

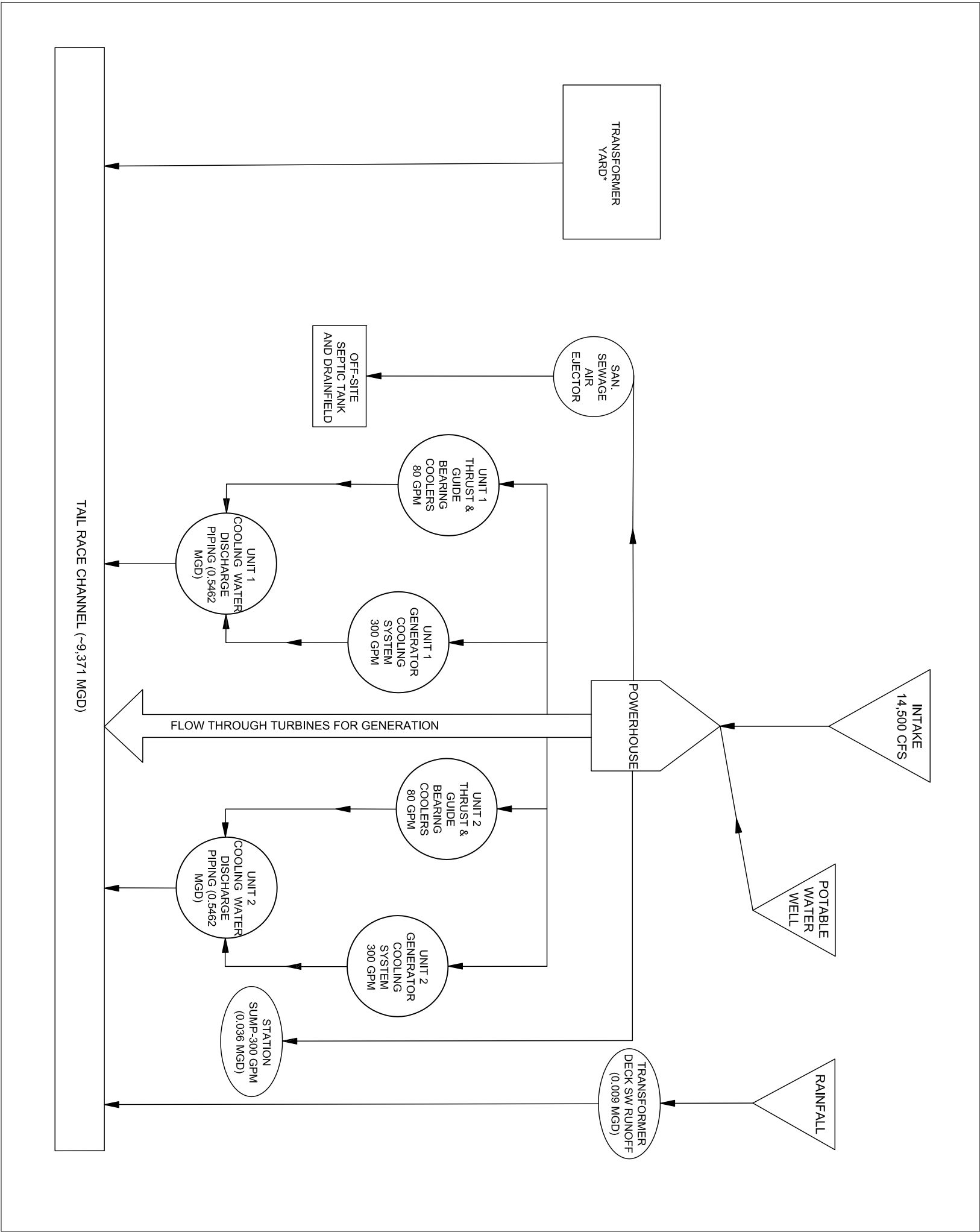
The deck area is occasionally used for materials staging and minor maintenance activities that would be contacted by storm water in this area. No treatment of this waste stream occurs prior to discharge; however best management practices are routinely utilized to prevent storm water contamination from the transformer and previously described activities.

Outfall 004: Stormwater Runoff from Transformer Yard

Outfall 004 discharge consists of storm water runoff collected from the main station transformer area via a drain pipe used for monitoring and management of localized runoff. Rainwater collected in the transformer yard flows through a channel to an oil-water separation system, which includes two 4,500-gallon tanks for removing oil and other contaminants. Following separation, the storm water is discharged into a drainage ditch managed by the Texas Department of Transportation (TxDOT). From there, the water flows downgradient into naturally occurring sloughs, eventually reaching the tailrace approximately 1.3 miles downstream from the powerhouse deck.

Minor maintenance activities in the yard may contribute pollutants to storm water intermittently. Although the runoff is not chemically or mechanically treated prior to discharge, Best Management Practices (BMPs) are routinely implemented to minimize contamination risks associated with transformer and maintenance operations.

NOTE
* TRANSFORMER YARD STORM RUNOFF
FLOWS TO OUTFALL APPROXIMATELY
1.3 MILES DOWNSTREAM





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FAX (409) 746-3780



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ORANGE, TEXAS
77631

Appendix H

Physical, Chemical and/or Biological Treatment Processes

Sabine River Authority WWTP Permit Renewal With Major Amendment
TPDES Permit No. WQ0004845000

The following analyses reported on Worksheet 2 were conducted by contract laboratories:

Earth Analytical Sciences
4825 Ward Drive, Beaumont Texas 77705
Ph: 409-842-0658
Fax: 409-842-9793

- Hexavalent Chromium

Eurofins TestAmerica, Houston
6310 Rothway Street
Houston, Texas 77040
Ph: (713) 690-4444

- Mercury
- Ammonia
- MBAS-Surfactants
- Nitrogen, organic
- Cyanide
- Phosphorus as P
- Boron
- Iron
- Silver
- Tin



(409) 746-2192
FAX (409) 746-3780



P.O. BOX 579
ORANGE, TEXAS
77631

Appendix I Supplemental Application Information For Facility Owner

Sabine River Authority of Texas and Sabine River Authority State of Louisiana

Permit Renewal With Major Amendment
TPDES Permit No. WQ0004845000

This hydroelectric generating facility is jointly owned by the Sabine River Authority of Texas (SRA-TX), a governmental agency and Sabine River Authority, State of Louisiana (SRA-LA), a Louisiana governmental agency (SRA-TX and SRA-LA sometimes referred to collectively as the "Authorities").

Pursuant to agreements between the Authorities, SRA-TX has administrative responsibilities for the Toledo Bend Project Joint Operations (TBPJO).

The following is the information for each of the Authorities:

Facility Owner: Sabine River Authority of Texas

Charter Number: N/A

Physical Address: 12777 Hwy 87 Orange, Texas 77632

Mailing Address: P.O. Box 579 Orange, Texas 77632-0579

Phone Number: (409) 746-2192

Tax Identification Number issued by the State Comptroller: 17460137684

The TCEQ has issued this Customer Reference Number to the owner. CN: 600801864

Facility Owner: Sabine River Authority, State of Louisiana

Charter Number: N/A

Physical Address: 15091 Texas Hwy Many, LA 71449-5781

Mailing Address: Same as Physical Address

Phone Number: (318)256-4112

Tax Identification Number issued by the State Comptroller: N/A

Abesha Michael

From: Christine Gartner <cgartner@sratx.org>
Sent: Wednesday, July 9, 2025 4:22 PM
To: Abesha Michael
Subject: RE: Application to Amend Permit No. WQ0004845000 - Notice of Deficiency Letter
Attachments: 01_2025 TPDES Administrative Report.pdf

Ms. Michael,

Thank you for your call clarifying the way forward for us. After discussing with our legal team, we have agreed to move forward with Sabine River Authority of Texas as the applicant and Sabine River Authority, State of Louisiana (SRA-LA) as the co-applicant. I have attached the updated administrative report that now lists SRA-LA as the co-applicant. Please let me know if there are any other updates.

Thank you,

Christine Gartner

From: Abesha Michael <Abesha.Michael@tceq.texas.gov>
Sent: Wednesday, July 2, 2025 11:02 AM
To: Christine Gartner <cgartner@sratx.org>
Subject: RE: Application to Amend Permit No. WQ0004845000 - Notice of Deficiency Letter

Good morning,

Thank you for your response. I will contact you if we need additional information.



Abesha H. Michael
Applications Review & Processing Team
Water Quality Division Support Section
Water Quality Division, MC 148
PO Box 13087
Austin, Texas 78711
Phone: o: 512-239-4912
Email: abesha.michael@tceq.texas.gov

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

From: Christine Gartner <cgartner@sratx.org>
Sent: Wednesday, July 2, 2025 10:18 AM
To: Abesha Michael <Abesha.Michael@tceq.texas.gov>
Cc: Andrew Balingit <abalingit@sratx.org>
Subject: RE: Application to Amend Permit No. WQ0004845000 - Notice of Deficiency Letter
Importance: High

Dear Ms. Michael,

Please find attached our response letter and all supporting documents addressing the items noted in your Notice of Deficiency dated June 19, 2025, for Permit No. WQ0004845000 (EPA I.D. No. TX0130109).

We have:

- Corrected the mailing address,
- Provided signed and dated Core Data Forms,
- Submitted the Administrative Report on the current form,
- Included a complete Plain Language Summary,
- Updated the USGS topographic map per your instructions,
- Provided signed and notarized signature pages,
- Included the affected landowner information with map, list, and mailing labels,
- And confirmed the NORI language is acceptable as provided.

Please let me know if any additional information is needed to declare the application administratively complete. I appreciate your assistance and look forward to your confirmation.

Thank you for your time and attention.

Best regards,

Christine Gartner



Christine Gartner, CFM
Water Resource Specialist
Sabine River Authority of Texas
409-746-7767
cgartner@sratx.org

From: Abesha Michael <Abesha.Michael@tceq.texas.gov>

Sent: Thursday, June 19, 2025 1:58 PM

To: Christine Gartner <cgartner@sratx.org>

Cc: Andrew Balingit <abalingit@sratx.org>

Subject: Application to Amend Permit No. WQ0004845000 - Notice of Deficiency Letter

Dear Ms. Gartner:

The attached Notice of Deficiency letter sent on June 19, 2025, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by July 3, 2025.

Thank you,



Abesha H. Michael
Applications Review & Processing Team
Water Quality Division Support Section
Water Quality Division, MC 148
PO Box 13087
Austin, Texas 78711
Phone: o: 512-239-4912
Email: abesha.michael@tceq.texas.gov

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the industrial wastewater permit application.

APPLICANT NAME: Sabine River Authority of Texas and Sabine River Authority State of Louisiana

PERMIT NUMBER (If new, leave blank): WQ00 04845000

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

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Worksheet 8.0	☐	☒
Administrative Report 1.1	☒	☐	Worksheet 9.0	☐	☒
SPIF	☒	☐	Worksheet 10.0	☐	☒
Core Data Form	☒	☐	Worksheet 11.0	☐	☒
Summary of Application (PLS)	☒	☐	Worksheet 11.1	☐	☒
Public Involvement Plan Form	☒	☐	Worksheet 11.2	☐	☒
Technical Report 1.0	☒	☐	Worksheet 11.3	☐	☒
Worksheet 1.0	☐	☒	Original USGS Map	☒	☐
Worksheet 2.0	☒	☐	Affected Landowners Map	☒	☐
Worksheet 3.0	☐	☒	Landowner Disk or Labels	☒	☐
Worksheet 3.1	☐	☒	Flow Diagram	☒	☐
Worksheet 3.2	☐	☒	Site Drawing	☒	☐
Worksheet 3.3	☐	☒	Original Photographs	☒	☐
Worksheet 4.0	☒	☐	Design Calculations	☐	☒
Worksheet 4.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 5.0	☐	☒	Water Balance	☐	☒
Worksheet 6.0	☐	☒			
Worksheet 7.0	☒	☐			

For TCEQ Use Only

Segment Number _____ County _____

Expiration Date _____ Region _____

Permit Number -----



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION

ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use Oil and Gas Exploration and Production Administrative Report ([TCEQ Form-20893 and 20893-inst¹](#)).

Item 1. Application Information and Fees (Instructions, Page 26)

- a. Complete each field with the requested information, if applicable.

Applicant Name: Sabine River Authority of Texas and Sabine River Authority State of Louisiana

Permit No.: WQ0004845000

EPA ID No.: TX0130109

Expiration Date: September 30, 2026

- b. Check the box next to the appropriate authorization type.

☒ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

☐ Reverse Osmosis Water Treatment (reverse osmosis water treatment wastewaters only)

- c. Check the box next to the appropriate facility status.

☒ Active

☐ Inactive

- d. Check the box next to the appropriate permit type.

☒ TPDES Permit

☐ TLAP

☐ TPDES with TLAP component

- e. Check the box next to the appropriate application type.

☐ New

☐ Renewal with changes

☐ Renewal without changes

☒ Major amendment with renewal

☐ Major amendment without renewal

☐ Minor amendment without renewal

☐ Minor modification without renewal

- f. If applying for an amendment or modification, describe the request: Hydroelectric facility will be adding a new stormwater runoff outfall from a new transformer yard. (outfall 004).

For TCEQ Use Only

Segment Number _____ County _____

Expiration Date _____ Region _____

¹ https://www.tceq.texas.gov/publications/search_forms.html

Permit Number -----

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ \$350	☒ \$350	☐ \$315	☐ \$150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ \$1,250	☐ \$1,250	☐ \$1,215	☐ \$150
Major facility	N/A ²	☐ \$2,050	☐ \$2,015	☐ \$450

h. Payment Information

Mailed

Check or money order No.: 100796

Check or money order amt.: \$350.00

Named printed on check or money order: Texas Commission on Environmental Quality

Epay

Voucher number: Click to enter text.

Copy of voucher attachment: Click to enter text.

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: CN600801864

Note: Locate the customer number using the [TCEQ's Central Registry Customer Search](#)³.

b. Legal name of the entity (applicant) applying for this permit: Sabine River Authority of Texas

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Mr. Full Name (Last/First Name): David Montagne

Title: General Manager

Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

☒ Yes ☐ No

² All facilities are designated as minors until formally classified as a major by EPA.

³ <https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 3. Co-applicant Information (Instructions, Page 27)

☐ Check this box if there is no co-applicant.; otherwise, complete the below questions.

- a. Legal name of the entity (co-applicant) applying for this permit: Sabine River Authority State of Louisiana

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

- b. Customer Number (if applicant is an existing customer): CN603315532

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

- c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Click to enter text.

Full Name (Last/First Name): Founds Warren

Title: Executive Director

Credential: Click to enter text.

- d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☒ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

- a. Complete and attach one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)). If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: Click to enter text.

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contacted about this application. Indicate if the individual can be contacted about administrative or technical information, or both.

- a. ☒ Administrative Contact ☐ Technical Contact

Prefix: Ms. Full Name (Last/First Name): Christine Gartner

Title: Water Resources Specialist

Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: P.O. Box 579

City/State/Zip: Orange, Texas 77631

Phone No: 409-746-2192

Email: cgartner@sratx.org

- b. ☐ Administrative Contact ☒ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Andrew Balingit

Title: TBPIO Chief Dam Safety Engineer

Credential: P.E.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: 409-565-2273

Email: abalingit@sratx.org

Attachment: Click to enter text.

Item 6. Permit Contact Information (Instructions, Page 28)

Provide two names of individuals that can be contacted throughout the permit term.

a. Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager

Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: diles@sratx.org

b. Prefix: Mr. Full Name (Last/First Name): Bob Cullums

Title: Plant Manager

Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: rcullums@sratx.org

Attachment: Click to enter text.

Item 7. Billing Contact Information (Instructions, Page 28)

The permittee is responsible for paying the annual fee. The annual fee will be assessed for permits **in effect on September 1 of each year**. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager

Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: diles@sratx.org

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Ms. Full Name (Last/First Name): Christine Gartner

Title: Water Resources Specialist

Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: P.O. Box 579

City/State/Zip: Orange, TX 77631

Phone No: (409) 746-7767

Email: cgartner@sratx.org

Item 9. Notice Information (Instructions, Pages 28)

a. Individual Publishing the Notices

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273

Email: diles@sratx.org

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: diles@sratx.org

☐ Fax: Click to enter text.

☐ Regular Mail (USPS)

Mailing Address: Click to enter text.

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

c. Contact in the Notice

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Phone No: (409) 565-2273

Email: diles@sratx.org

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: Newton County Public Library

Location within the building: Click to enter text.

Physical Address of Building: 212 High Street

City: Newton County: Newton

e. Bilingual Notice Requirements

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

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

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is required.

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

☐ Yes ☒ No

If no, publication of an alternative language notice is not required; skip to Item 8 (Regulated Entity and Permitted Site Information.)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No ☐ N/A

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? [Click to enter text.](#)

- f. Summary of Application in Plain Language Template - Complete and attach the Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS. Attachment: [Click to enter text.](#)

- g. Complete and attach one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a new permit or major amendment. Attachment: [Click to enter text.](#)

Item 10. Regulated Entity and Permitted Site Information (Instructions Page 29)

- a. TCEQ issued Regulated Entity Number (RN), if available: RN101595544

Note: If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

- b. Name of project or site (name known by the community where located): Toledo Bend Dam

- c. Is the location address of the facility in the existing permit the same?

☒ Yes ☐ No ☐ N/A (new permit)

Note: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

- d. Owner of treatment facility:

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

or Organization Name: Sabine River Authority (SRA-TX)

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273 Email: diles@sratx.org

e. Ownership of facility: ☐ Public ☒ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: [Click to enter text.](#)

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

or Organization Name: Sabine River Authority (SRA-TX)

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273 Email: diles@sratx.org

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: N/A

g. Owner of effluent TLAP disposal site (if applicable): N/A

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

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

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

City/State/Zip: [Click to enter text.](#)

Phone No: [Click to enter text.](#) Email: [Click to enter text.](#)

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: [Click to enter text.](#)

h. Owner of sewage sludge disposal site (if applicable):

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

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

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

City/State/Zip: [Click to enter text.](#)

Phone No: [Click to enter text.](#) Email: [Click to enter text.](#)

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: [Click to enter text.](#)

Item 11. TDPEs Discharge/TLAP Disposal Information (Instructions, Page 31)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius

☒ Three-miles downstream information

☒ Applicant's property boundaries

☐ Treatment facility boundaries

☒ Labeled point(s) of discharge

☒ Highlighted discharge route(s)

☐ Effluent disposal site boundaries

☐ All wastewater ponds

☐ Sewage sludge disposal site

☒ New and future construction

Attachment: Attachment A

- c. Is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☒ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

- d. Are the point(s) of discharge in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new application, provide an accurate location description: Click to enter text.

- e. Are the discharge route(s) in the existing permit correct?

☒ Yes ☐ No or New Permit

If no, or a new permit, provide an accurate description of the discharge route: Click to enter text.

- f. City nearest the outfall(s): Newton

- g. County in which the outfalls(s) is/are located: Netwon

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

☐ Yes ☒ No

If yes, indicate by a check mark if: ☐ Authorization granted ☐ Authorization pending

For new and amendment applications, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: Click to enter text.

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

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

☐ Yes No or New Permit ☒ N/A

If no, or a new application, provide an accurate location description: Click to enter text.

- j. City nearest the disposal site: Click to enter text.

- k. County in which the disposal site is located: Click to enter text.

- l. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: Click to enter text.

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

Item 12. Miscellaneous Information (Instructions, Page 33)

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

☐ Yes ☒ No

If yes, list each person: [Click to enter text.](#)

- b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account no.: [Click to enter text.](#)

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

- c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Enforcement order no.: [Click to enter text.](#)

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

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0004845000

Applicant Name: Sabine River Authority of Texas

Certification: I, David Montagne, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signatory name (typed or printed): David Montagne

Signatory title: General Manager

Signature: _____

(Use blue ink)

Date: _____

6/30/2025

Subscribed and Sworn to before me by the said _____

on this 30th

day of June

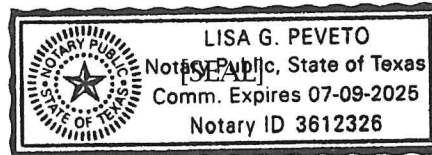
, 20 25.

My commission expires on the 9th

day of JULY

, 20 25.

Lisa G. Peveto
Notary Public



Orange
Orange, Texas

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

Permit No: WQ0004845000

Applicant Name: Sabine River Authority State of Louisiana

Certification: I, Warren Founds, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signatory name (typed or printed): Warren Founds

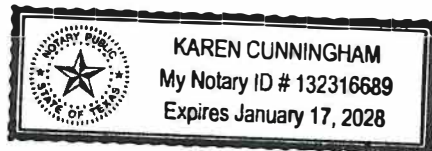
Signatory title: Executive Director

Signature:  (Use blue ink) Date: 7/1/25

Subscribed and Sworn to before me by the said Warren Founds
on this first day of July, 2025.
My commission expires on the 17 day of January, 2028.

Karen Cunningham
Notary Public

Newton
Parish, Louisiana
County, Texas



[SEAL]

INDUSTRIAL WASTEWATER PERMIT APPLICATION

ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Item 1. Affected Landowner Information (Instructions, Page 35)

- a. Attach a landowner map or drawing, with scale, as applicable. Check the box next to each item to confirm it has been provided.
- ☒ The applicant's property boundaries.
 - ☒ The facility site boundaries within the applicant's property boundaries.
 - ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone.
 - ☒ The property boundaries of all landowners surrounding the applicant's property. (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream.
 - ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge.
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides.
 - ☐ The boundaries of the effluent disposal site (e.g., irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property.
 - ☐ The property boundaries of all landowners surrounding the applicant's property boundaries where the effluent disposal site is located.
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners within one-quarter mile of the applicant's property boundaries where the sewage sludge land application site is located.
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (e.g., sludge surface disposal site or sludge monofil) is located.
- Attachment: [Click to enter text.](#)
- b. ☒ that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).
- c. Check this box to confirm a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided. Provide the source of the landowners' names and mailing addresses: Attachment K

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

☐ Yes ☒ No

If yes, provide the location and foreseeable impacts and effects this application has on the land(s): [Click to enter text.](#)

Item 2. Original Photographs (Instructions, Page 37)

Provide original ground level photographs. Check the box next to each of the following items to indicate it is included.

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

Attachment: [Attachment L](#)

INDUSTRIAL WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: 02_SPIF Form

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if mailing the payment. (Instructions, Page 36-37)

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Permit No:** WQ0004845000

1. Check or Money Order Number: 100796
2. Check or Money Order Amount: \$350.00
3. Date of Check or Money Order: 6/10/2025
4. Name on Check or Money Order: Texas Commission On Environmental Quality

5. APPLICATION INFORMATION

Name of Project or Site: Toledo Bend Dam

Physical Address of Project or Site: 209 Private Road 6055 Burkeville, TX 75932

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

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Item 1. Individual information (Instructions, Page 38)

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

Prefix (Mr., Ms., or Miss): [Click to enter text.](#)

Full legal name (first, middle, and last): [Click to enter text.](#)

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

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

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

Phone No.: [Click to enter text.](#)

Fax No.: [Click to enter text.](#)

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

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

INDUSTRIAL WASTEWATER PERMIT APPLICATION

CHECKLIST OF COMMON DEFICIENCIES

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

- ☒ Core Data Form (TCEQ Form No. 10400)
*(Required for all applications types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)*
- ☒ Correct and Current Industrial Wastewater Permit Application Forms
(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)
- ☒ Water Quality Permit Payment Submittal Form (Page 14)
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)
- ☒ 7.5 Minute USGS Quadrangle Topographic Map Attached
*(Full-size map if seeking "New" permit.
8 ½ x 11 acceptable for Renewals and Amendments.)*
- ☒ N/A ☐ Current/Non-Expired, Executed Lease Agreement or Easement Attached
- ☐ N/A ☒ Landowners Map
(See instructions for landowner requirements.)

Things to Know:

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

- ☐ N/A ☒ Landowners Labels and Cross Reference List
(See instructions for landowner requirements.)
- ☒ Electronic Application Submittal
(See application submittal requirements on page 23 of the instructions.)
- ☒ Original signature per 30 TAC § 305.44 - Blue Ink Preferred
*(If signature page is not signed by an elected official or principle executive officer,
a copy of signature authority/delegation letter must be attached.)*

☒ Summary of Application (in Plain Language)

Abesha Michael

From: Christine Gartner <cgartner@sratx.org>
Sent: Wednesday, July 2, 2025 10:18 AM
To: Abesha Michael
Cc: Andrew Balingit
Subject: RE: Application to Amend Permit No. WQ0004845000 - Notice of Deficiency Letter
Attachments: WQ0004845000_AdminComp_Response_2025-07-02.pdf; Deficiency resubmission.zip

Importance: High

Dear Ms. Michael,

Please find attached our response letter and all supporting documents addressing the items noted in your Notice of Deficiency dated June 19, 2025, for Permit No. WQ0004845000 (EPA I.D. No. TX0130109).

We have:

- Corrected the mailing address,
- Provided signed and dated Core Data Forms,
- Submitted the Administrative Report on the current form,
- Included a complete Plain Language Summary,
- Updated the USGS topographic map per your instructions,
- Provided signed and notarized signature pages,
- Included the affected landowner information with map, list, and mailing labels,
- And confirmed the NORI language is acceptable as provided.

Please let me know if any additional information is needed to declare the application administratively complete. I appreciate your assistance and look forward to your confirmation.

Thank you for your time and attention.

Best regards,

Christine Gartner



Christine Gartner, CFM
Water Resource Specialist
Sabine River Authority of Texas
409-746-7767
cgartner@sratx.org

From: Abesha Michael <Abesha.Michael@tceq.texas.gov>
Sent: Thursday, June 19, 2025 1:58 PM

To: Christine Gartner <cgartner@sratx.org>

Cc: Andrew Balingit <abalingit@sratx.org>

Subject: Application to Amend Permit No. WQ0004845000 - Notice of Deficiency Letter

Dear Ms. Gartner:

The attached Notice of Deficiency letter sent on June 19, 2025, requests additional information needed to declare the application administratively complete. Please send the complete response to my attention by July 3, 2025.

Thank you,



Abesha H. Michael
Applications Review & Processing Team
Water Quality Division Support Section
Water Quality Division, MC 148
PO Box 13087
Austin, Texas 78711
Phone: o: 512-239-4912
Email: abesha.michael@tceq.texas.gov

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the industrial wastewater permit application.

APPLICANT NAME: Sabine River Authorities of Texas and Louisiana (See Appendix I)

PERMIT NUMBER (If new, leave blank): WQ00 04845000

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

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Worksheet 8.0	☐	☒
Administrative Report 1.1	☒	☐	Worksheet 9.0	☐	☒
SPIF	☒	☐	Worksheet 10.0	☐	☒
Core Data Form	☒	☐	Worksheet 11.0	☐	☒
Summary of Application (PLS)	☒	☐	Worksheet 11.1	☐	☒
Public Involvement Plan Form	☒	☐	Worksheet 11.2	☐	☒
Technical Report 1.0	☒	☐	Worksheet 11.3	☐	☒
Worksheet 1.0	☐	☒	Original USGS Map	☒	☐
Worksheet 2.0	☒	☐	Affected Landowners Map	☒	☐
Worksheet 3.0	☐	☒	Landowner Disk or Labels	☒	☐
Worksheet 3.1	☐	☒	Flow Diagram	☒	☐
Worksheet 3.2	☐	☒	Site Drawing	☒	☐
Worksheet 3.3	☐	☒	Original Photographs	☒	☐
Worksheet 4.0	☒	☐	Design Calculations	☐	☒
Worksheet 4.1	☐	☒	Solids Management Plan	☐	☒
Worksheet 5.0	☐	☒	Water Balance	☐	☒
Worksheet 6.0	☐	☒			
Worksheet 7.0	☒	☐			

For TCEQ Use Only

Segment Number _____ County _____

Expiration Date _____ Region _____

Permit Number _____



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

INDUSTRIAL WASTEWATER PERMIT APPLICATION

ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs, except applications for oil and gas extraction operations subject to 40 CFR Part 435. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report.

Applications for oil and gas extraction operations subject to 40 CFR Part 435 must use Oil and Gas Exploration and Production Administrative Report ([TCEQ Form-20893 and 20893-inst¹](#)).

Item 1. Application Information and Fees (Instructions, Page 26)

- a. Complete each field with the requested information, if applicable.

Applicant Name: Sabine River Authorities of Texas and Louisiana (See Appendix I)

Permit No.: WQ0004845000

EPA ID No.: TX0130109

Expiration Date: September 30, 2026

- b. Check the box next to the appropriate authorization type.

☒ Industrial Wastewater (wastewater and stormwater)

☐ Industrial Stormwater (stormwater only)

☐ Reverse Osmosis Water Treatment (reverse osmosis water treatment wastewaters only)

- c. Check the box next to the appropriate facility status.

☒ Active

☐ Inactive

- d. Check the box next to the appropriate permit type.

☒ TPDES Permit

☐ TLAP

☐ TPDES with TLAP component

- e. Check the box next to the appropriate application type.

☐ New

☐ Renewal with changes

☐ Renewal without changes

☒ Major amendment with renewal

☐ Major amendment without renewal

☐ Minor amendment without renewal

☐ Minor modification without renewal

- f. If applying for an amendment or modification, describe the request: Hydroelectric facility will be adding a new stormwater runoff outfall from a new transformer yard. (outfall 004).

For TCEQ Use Only

Segment Number _____ County _____

Expiration Date _____ Region _____

¹ https://www.tceq.texas.gov/publications/search_forms.html

Permit Number _____

g. Application Fee

EPA Classification	New	Major Amend. (with or without renewal)	Renewal (with or without changes)	Minor Amend. / Minor Mod. (without renewal)
Minor facility not subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ \$350	☒ \$350	☐ \$315	☐ \$150
Minor facility subject to EPA categorical effluent guidelines (40 CFR Parts 400-471)	☐ \$1,250	☐ \$1,250	☐ \$1,215	☐ \$150
Major facility	N/A ²	☐ \$2,050	☐ \$2,015	☐ \$450

h. Payment Information

Mailed

Check or money order No.: 100796

Check or money order amt.: \$350.00

Named printed on check or money order: Texas Commission on Environmental Quality

Epay

Voucher number: Click to enter text.

Copy of voucher attachment: Click to enter text.

Item 2. Applicant Information (Instructions, Pages 26)

a. Customer Number, if applicant is an existing customer: CN600801864

Note: Locate the customer number using the [TCEQ's Central Registry Customer Search](#)³.

b. Legal name of the entity (applicant) applying for this permit: Sabine River Authorities of Texas and Louisiana (See Appendix I)

Note: The owner of the facility must apply for the permit. The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Mr. Full Name (Last/First Name): David Montagne

Title: General Manager

Credential: Click to enter text.

d. Will the applicant have overall financial responsibility for the facility?

☒ Yes ☐ No

² All facilities are designated as minors until formally classified as a major by EPA.

³ <https://www15.tceq.texas.gov/crpub/index.cfm?fuseaction=cust.CustSearch>

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 3. Co-applicant Information (Instructions, Page 27)

☒ Check this box if there is no co-applicant.; otherwise, complete the below questions.

a. Legal name of the entity (co-applicant) applying for this permit:

Note: The legal name must be spelled exactly as filed with the TX SOS, Texas Comptroller of Public Accounts, County, or in the legal documents forming the entity.

b. Customer Number (if applicant is an existing customer): CNClick to enter text.

Note: Locate the customer number using the TCEQ's Central Registry Customer Search.

c. Name and title of the person signing the application. (**Note:** The person must be an executive official that meets signatory requirements in 30 TAC § 305.44.)

Prefix: Click to enter text.

Full Name (Last/First Name): Founds Warren

Title: Click to enter text.

Credential: Click to enter text.

d. Will the co-applicant have overall financial responsibility for the facility?

☐ Yes ☐ No

Note: The entity with overall financial responsibility for the facility must apply as a co-applicant, if not the facility owner.

Item 4. Core Data Form (Instructions, Pages 27)

a. Complete and attach one Core Data Form (TCEQ Form 10400) for each customer (applicant and co-applicant(s)). If the customer type selected on the Core Data Form is Individual, complete Attachment 1 of the Administrative Report. Attachment: Click to enter text.

Item 5. Application Contact Information (Instructions, Page 27)

Provide names of two individuals who can be contacted about this application. Indicate if the individual can be contacted about administrative or technical information, or both.

a. ☒ Administrative Contact ☐ Technical Contact

Prefix: Ms. Full Name (Last/First Name): Christine Gartner

Title: Water Resources Specialist

Credential: Click to enter text.

Organization Name: Sabine River Authority of Texas

Mailing Address: P.O. Box 579

City/State/Zip: Orange, Texas 77631

Phone No: 409-746-2192

Email: cgartner@sratx.org

b. ☐ Administrative Contact ☒ Technical Contact

Prefix: Mr. Full Name (Last/First Name): Andrew Balingit

Title: TBPJO Chief Dam Safety Engineer

Credential: P.E.

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: 409-565-2273 Email: abalingit@sratx.org

Attachment: Click to enter text.

Item 6. Permit Contact Information (Instructions, Page 28)

Provide two names of individuals that can be contacted throughout the permit term.

- a. Prefix: Mr. Full Name (Last/First Name): Don Iles
Title: Middle Basin Regional Manager Credential: Click to enter text.
Organization Name: Sabine River Authority of Texas
Mailing Address: 450 Spur 135 City/State/Zip: Burkeville, TX 75932
Phone No: (409) 565-2273 Email: diles@sratx.org
- b. Prefix: Mr. Full Name (Last/First Name): Bob Cullums
Title: Plant Manager Credential: Click to enter text.
Organization Name: Sabine River Authority of Texas
Mailing Address: 450 Spur 135 City/State/Zip: Burkeville, TX 75932
Phone No: (409) 565-2273 Email: rcullums@sratx.org
- Attachment: Click to enter text.

Item 7. Billing Contact Information (Instructions, Page 28)

The permittee is responsible for paying the annual fee. The annual fee will be assessed for permits **in effect on September 1 of each year**. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (form TCEQ-20029).

Provide the complete mailing address where the annual fee invoice should be mailed and the name and phone number of the permittee's representative responsible for payment of the invoice.

Prefix: Mr. Full Name (Last/First Name): Don Iles
Title: Middle Basin Regional Manager Credential: Click to enter text.
Organization Name: Sabine River Authority of Texas
Mailing Address: 450 Spur 135 City/State/Zip: Burkeville, TX 75932
Phone No: (409) 565-2273 Email: diles@sratx.org

Item 8. DMR/MER Contact Information (Instructions, Page 28)

Provide the name and mailing address of the person delegated to receive and submit DMRs or MERs. **Note:** DMR data must be submitted through the NetDMR system. An electronic reporting account can be established once the facility has obtained the permit number.

Prefix: Ms. Full Name (Last/First Name): Christine Gartner
Title: Water Resources Specialist Credential: Click to enter text.
Organization Name: Sabine River Authority of Texas
Mailing Address: P.O. Box 579 City/State/Zip: Orange, TX 77631

Item 9. Notice Information (Instructions, Pages 28)

a. Individual Publishing the Notices

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager Credential: [Click to enter text.](#)

Organization Name: Sabine River Authority of Texas

Mailing Address: 450 Spur 135 City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273 Email: diles@sratx.org

b. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package (only for NORI, NAPD will be sent via regular mail)

☒ E-mail: diles@sratx.org

☐ Fax: [Click to enter text.](#)

☐ Regular Mail (USPS)

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

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

c. Contact in the Notice

Prefix: Mr. Full Name (Last/First Name): Don Iles

Title: Middle Basin Regional Manager Credential: [Click to enter text.](#)

Organization Name: Sabine River Authority of Texas

Phone No: (409) 565-2273 Email: diles@sratx.org

d. Public Viewing Location Information

Note: If the facility or outfall is located in more than one county, provide a public viewing place for each county.

Public building name: Newton County Public Library Location within the building: [Click to enter text.](#)

Physical Address of Building: 212 High Street

City: Newton County: Newton

e. Bilingual Notice Requirements

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

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

Call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine if an alternative language notice(s) is required.

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

☐ Yes ☒ No

If no, publication of an alternative language notice is not required; skip to Item 8 (Regulated Entity and Permitted Site Information.)

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

☐ Yes ☐ No

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

☐ Yes ☐ No

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

☐ Yes ☐ No ☐ N/A

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? [Click to enter text.](#)

- f. Summary of Application in Plain Language Template – Complete and attach the Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS. Attachment: [Click to enter text.](#)

- g. Complete and attach one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a new permit or major amendment. Attachment: [Click to enter text.](#)

Item 10. Regulated Entity and Permitted Site Information (Instructions Page 29)

- a. TCEQ issued Regulated Entity Number (RN), if available: RN101595544

Note: If your business site is part of a larger business site, a Regulated Entity Number (RN) may already be assigned for the larger site. Use the RN assigned for the larger site. Search the TCEQ's Central Registry to determine the RN or to see if the larger site may already be registered as a Regulated Entity. If the site is found, provide the assigned RN.

- b. Name of project or site (name known by the community where located): Toledo Bend Dam

- c. Is the location address of the facility in the existing permit the same?

☒ Yes ☐ No ☐ N/A (new permit)

Note: If the facility is located in Bexar, Comal, Hays, Kinney, Medina, Travis, Uvalde, or Williamson County, additional information concerning protection of the Edwards Aquifer may be required.

- d. Owner of treatment facility:

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

or Organization Name: Sabine River Authority (SRA-TX)

Mailing Address: 450 Spur 135

City/State/Zip: Burkeville, TX 75932

Phone No: (409) 565-2273 Email: diles@sratx.org

- e. Ownership of facility: ☐ Public ☒ Private ☐ Both ☐ Federal

f. Owner of land where treatment facility is or will be: [Click to enter text.](#)

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

or Organization Name: [Sabine River Authority \(SRA-TX\)](#)

Mailing Address: [450 Spur 135](#)

City/State/Zip: [Burkeville, TX 75932](#)

Phone No: [\(409\) 565-2273](#) Email: [diles@sratx.org](#)

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years (In some cases, a lease may not suffice - see instructions). Attachment: [N/A](#)

g. Owner of effluent TLAP disposal site (if applicable): [N/A](#)

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

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

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

City/State/Zip: [Click to enter text.](#)

Phone No: [Click to enter text.](#) Email: [Click to enter text.](#)

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: [Click to enter text.](#)

h. Owner of sewage sludge disposal site (if applicable):

Prefix: [Click to enter text.](#) Full Name (Last/First Name): [Click to enter text.](#)

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

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

City/State/Zip: [Click to enter text.](#)

Phone No: [Click to enter text.](#) Email: [Click to enter text.](#)

Note: If not the same as the facility owner, attach a long-term lease agreement in effect for at least six years. Attachment: [Click to enter text.](#)

Item 11. TDPES Discharge/TLAP Disposal Information (Instructions, Page 31)

a. Is the facility located on or does the treated effluent cross Native American Land?

☐ Yes ☒ No

b. Attach an original full size USGS Topographic Map (or an 8.5"×11" reproduced portion for renewal or amendment applications) with all required information. Check the box next to each item below to confirm it has been included on the map.

☒ One-mile radius

☒ Three-miles downstream information

☒ Applicant's property boundaries

☐ Treatment facility boundaries

☒ Labeled point(s) of discharge

☒ Highlighted discharge route(s)

☐ Effluent disposal site boundaries

☐ All wastewater ponds

☐ Sewage sludge disposal site

☒ New and future construction

Attachment: [Attachment A](#)

- c. Is the location of the sewage sludge disposal site in the existing permit accurate?
☐ Yes ☒ No or New Permit
If no, or a new application, provide an accurate location description: [Click to enter text.](#)
- d. Are the point(s) of discharge in the existing permit correct?
☒ Yes ☐ No or New Permit
If no, or a new application, provide an accurate location description: [Click to enter text.](#)
- e. Are the discharge route(s) in the existing permit correct?
☒ Yes ☐ No or New Permit
If no, or a new permit, provide an accurate description of the discharge route: [Click to enter text.](#)
- f. City nearest the outfall(s): Newton
- g. County in which the outfalls(s) is/are located: Netwon
- h. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?
☐ Yes ☒ No
If yes, indicate by a check mark if: ☐ Authorization granted ☐ Authorization pending
For new and amendment applications, attach copies of letters that show proof of contact and provide the approval letter upon receipt. Attachment: [Click to enter text.](#)
For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: [Click to enter text.](#)
- i. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?
☐ Yes ☐ No or New Permit ☒ N/A
If no, or a new application, provide an accurate location description: [Click to enter text.](#)
- j. City nearest the disposal site: [Click to enter text.](#)
- k. County in which the disposal site is located: [Click to enter text.](#)
- l. For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: [Click to enter text.](#)
- m. For TLAPs, identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: [Click to enter text.](#)

Item 12. Miscellaneous Information (Instructions, Page 33)

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

☐ Yes ☒ No

If yes, list each person: [Click to enter text.](#)

- b. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Account no.: [Click to enter text.](#)

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

- c. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If yes, provide the following information:

Enforcement order no.: [Click to enter text.](#)

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

Item 13. Signature Page (Instructions, Page 33)

Permit No: WQ0004845000

Applicant Name: Sabine River Authority of Texas

Certification: I, David Montagne, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signatory name (typed or printed): David Montagne

Signatory title: General Manager

Signature: _____

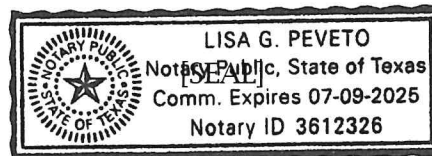
(Use blue ink)

Date: 6/30/2025

Subscribed and Sworn to before me by the said _____
on this 30th day of June, 20 25.

My commission expires on the 9th day of JULY, 20 25.

Lisa G. Peveto
Notary Public



Orange
Orange, Texas

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

Permit No: WQ0004845000

Applicant Name: Sabine River Authority, State of Louisiana

Certification: I, Warren Founds, certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

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

Signatory name (typed or printed): Warren Founds

Signatory title: Executive Director

Signature: _____

(Use blue ink)

Date: _____

7/1/25

Subscribed and Sworn to before me by the said _____

Warren Founds

on this _____

first

day of _____

July

, 20 25.

My commission expires on the _____

17

day of _____

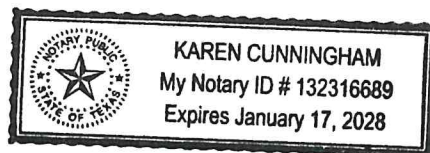
January

, 20 28.

Karen Cunningham

Notary Public

[SEAL]



Newton

Parish, Louisiana

County, Texas

INDUSTRIAL WASTEWATER PERMIT APPLICATION

ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Item 1. Affected Landowner Information (Instructions, Page 35)

- a. Attach a landowner map or drawing, with scale, as applicable. Check the box next to each item to confirm it has been provided.
- ☒ The applicant's property boundaries.
 - ☒ The facility site boundaries within the applicant's property boundaries.
 - ☒ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone.
 - ☒ The property boundaries of all landowners surrounding the applicant's property. (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
 - ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream.
 - ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge.
 - ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides.
 - ☐ The boundaries of the effluent disposal site (e.g., irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property.
 - ☐ The property boundaries of all landowners surrounding the applicant's property boundaries where the effluent disposal site is located.
 - ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners within one-quarter mile of the applicant's property boundaries where the sewage sludge land application site is located.
 - ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (e.g., sludge surface disposal site or sludge monofil) is located.
- Attachment: [Click to enter text.](#)
- b. ☒ that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).
- c. Check this box to confirm a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided. Provide the source of the landowners' names and mailing addresses: [Attachment K](#)

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

☐ Yes ☒ No

If yes, provide the location and foreseeable impacts and effects this application has on the land(s): [Click to enter text.](#)

Item 2. Original Photographs (Instructions, Page 37)

Provide original ground level photographs. Check the box next to each of the following items to indicate it is included.

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

Attachment: [Attachment L](#)

INDUSTRIAL WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: 02_SPIF Form

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if mailing the payment. (Instructions, Page 36-37)

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

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

BY OVERNIGHT/EXPRESS MAIL

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

Fee Code: WQP **Permit No: WQ0004845000**

1. Check or Money Order Number: 100796
2. Check or Money Order Amount: \$350.00
3. Date of Check or Money Order: 6/10/2025
4. Name on Check or Money Order: Texas Commission On Environmental Quality

5. APPLICATION INFORMATION

Name of Project or Site: Toledo Bend Dam

Physical Address of Project or Site: 209 Private Road 6055 Burkeville, TX 75932

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

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

Staple Check or Money Order in This Space

ATTACHMENT 1

INDIVIDUAL INFORMATION

Item 1. Individual information (Instructions, Page 38)

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

Prefix (Mr., Ms., or Miss): [Click to enter text.](#)

Full legal name (first, middle, and last): [Click to enter text.](#)

Driver's License or State Identification Number: [Click to enter text.](#)

Date of Birth: [Click to enter text.](#)

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

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

Phone No.: [Click to enter text.](#)

Fax No.: [Click to enter text.](#)

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

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

INDUSTRIAL WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

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

- ☒ Core Data Form (TCEQ Form No. 10400)
*(Required for all applications types. Must be completed in its entirety and signed.
Note: Form may be signed by applicant representative.)*
- ☒ Correct and Current Industrial Wastewater Permit Application Forms
(TCEQ Form Nos. 10055 and 10411. Version dated 5/10/2019 or later.)
- ☒ Water Quality Permit Payment Submittal Form (Page 14)
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)
- ☒ 7.5 Minute USGS Quadrangle Topographic Map Attached
*(Full-size map if seeking "New" permit.
8 ½ x 11 acceptable for Renewals and Amendments.)*
- ☒ N/A ☐ Current/Non-Expired, Executed Lease Agreement or Easement Attached
- ☐ N/A ☒ Landowners Map
(See instructions for landowner requirements.)

Things to Know:

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

- ☐ N/A ☒ Landowners Labels and Cross Reference List
(See instructions for landowner requirements.)
- ☒ Electronic Application Submittal
(See application submittal requirements on page 23 of the instructions.)
- ☒ Original signature per 30 TAC § 305.44 – Blue Ink Preferred
*(If signature page is not signed by an elected official or principle executive officer,
a copy of signature authority/delegation letter must be attached.)*

☒ Summary of Application (in Plain Language)



TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)		☐ Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 603315532		RN 1015955

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		1/14/2025	
☐ 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)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John)				<i>If new Customer, enter previous Customer below:</i>	
Sabine River Authority, State of Louisiana					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	10. DUNS Number (if applicable)
11. Type of Customer:		☐ Corporation		☐ Individual	
Government: ☐ City ☐ County ☐ Federal ☐ Local ☒ State ☐ Other		☐ Sole Proprietorship		Partnership: ☐ General ☐ Limited	
12. Number of Employees				13. Independently Owned and Operated?	
☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher				☒ Yes ☐ No	
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner ☐ Operator ☒ Owner & Operator ☐ Other:					
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing Address:		P.O.Box 579			
City	Orange	State	TX	ZIP	77631
				ZIP + 4	
16. Country Mailing Information (if outside USA)				17. E-Mail Address (if applicable)	

18. Telephone Number (318) 253-4112	19. Extension or Code	20. Fax Number (if applicable) (318) 256-4179
---	------------------------------	---

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.) ☐ New Regulated Entity ☒ Update to Regulated Entity Name ☐ Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.) Toledo Bend Dam								
23. Street Address of the Regulated Entity: (No PO Boxes)	209 Private Road 6055							
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4	
24. County	Newton							

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

25. Description to Physical Location:							
26. Nearest City				State		Nearest ZIP Code	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		31.174		28. Longitude (W) In Decimal:		93.658	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
31	10	25	93	33	57		
29. Primary SIC Code (4 digits)		30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)	
4911							
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.) Electric Power Generation							
34. Mailing Address:	209 Private Road 6055						
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4
35. E-Mail Address:		rodney.fulton@la.gov					
36. Telephone Number		37. Extension or Code		38. Fax Number (if applicable)			
(409) 565-4191				() -			

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

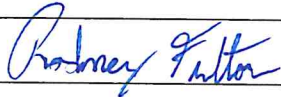
☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0004845000			

SECTION IV: Preparer Information

40. Name:	Rodney Fulton, P.E.		41. Title:	Project Engineer
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(337) 286-5244		() -	rodney.fulton@la.gov	

SECTION V: Authorized Signature

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

Company:	Sabine River Authority, State of Louisiana	Job Title:	Project Engineer
Name (In Print):	Rodney Fulton	Phone:	(337) 286- 5244
Signature:		Date:	7/1/25



TCEQ Use Only

TCEQ Core Data Form

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

SECTION I: General Information

1. Reason for Submission (If other is checked please describe in space provided.)		
☐ New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.)		
☒ Renewal (Core Data Form should be submitted with the renewal form)		☐ Other
2. Customer Reference Number (if issued)	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number (if issued)
CN 600801864		RN 101595544

SECTION II: Customer Information

4. General Customer Information		5. Effective Date for Customer Information Updates (mm/dd/yyyy)		01/14/2025	
☐ 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)					
<i>The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).</i>					
6. Customer Legal Name (If an individual, print last name first: eg: Doe, John) <i>If new Customer, enter previous Customer below:</i>					
Sabine River Authority of Texas					
7. TX SOS/CPA Filing Number		8. TX State Tax ID (11 digits)		9. Federal Tax ID (9 digits)	
		A-174771		74-6013768	
				10. DUNS Number (if applicable)	
				06-071-7824	
11. Type of Customer:		☐ Corporation		☐ Individual	
Government: ☐ City ☐ County ☐ Federal ☐ Local ☐ State ☒ Other		☐ Sole Proprietorship		Partnership: ☐ General ☐ Limited	
12. Number of Employees		13. Independently Owned and Operated?			
☐ 0-20 ☐ 21-100 ☒ 101-250 ☐ 251-500 ☐ 501 and higher		☒ Yes ☐ No			
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following					
☐ Owner ☐ Operator ☒ Owner & Operator ☐ Other:					
☐ Occupational Licensee ☐ Responsible Party ☐ VCP/BSA Applicant					
15. Mailing Address:		P.O. Box 579			
City		Orange		State TX	
ZIP		77631		ZIP + 4	
16. Country Mailing Information (if outside USA)			17. E-Mail Address (if applicable)		

18. Telephone Number (409) 746-2192	19. Extension or Code	20. Fax Number (if applicable) () -
---	------------------------------	--

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity' is selected, a new permit application is also required.)								
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☒ Update to Regulated Entity Information								
<i>The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).</i>								
22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)								
Toledo Bend Dam								
23. Street Address of the Regulated Entity: (No PO Boxes)	209 Private Road 6055							
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4	
24. County	Newton							

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

25. Description to Physical Location:							
26. Nearest City					State	Nearest ZIP Code	
<i>Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).</i>							
27. Latitude (N) In Decimal:		31.174		28. Longitude (W) In Decimal:		93.658	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds		
31	10	25	93	33	57		
29. Primary SIC Code (4 digits)	30. Secondary SIC Code (4 digits)		31. Primary NAICS Code (5 or 6 digits)		32. Secondary NAICS Code (5 or 6 digits)		
4911							
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.)							
Electric Power Generation							
34. Mailing Address:	209 Private Road 6055						
	City	Burkeville	State	TX	ZIP	75932	ZIP + 4
35. E-Mail Address:	rcullums@sratx.org						
36. Telephone Number	37. Extension or Code		38. Fax Number (if applicable)				
(409) 565-2273			() -				

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

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	WQ0004845000			

SECTION IV: Preparer Information

40. Name:	Christine Gartner		41. Title:	Water Resources Specialist
42. Telephone Number	43. Ext./Code	44. Fax Number	45. E-Mail Address	
(409) 746-7767		() -	cgartner@sratx.org	

SECTION V: Authorized Signature

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

Company:	Sabine River Authority of Texas		Job Title:	Middle Basin Regional Manager
Name (In Print):	Don Iles		Phone:	(409) 565- 2273
Signature:			Date:	7-1-25



(409) 746-2192
FAX (409) 746-3780



P.O. BOX 579
ORANGE, TEXAS
77631

ATTACHMENT "J"

Plain Language Summary: Industrial Wastewater TPDES Application

Sabine River Authority WWTP Permit
Renewal TPDES Permit No. WQ0004845000

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.

The Sabine River Authority of Texas (CN600801864) and the Sabine River Authority, State of Louisiana (CN603315532) operate the Toledo Bend Dam (RN1015955), a two-unit hydroelectric generating facility primarily used for water management and power generation. It consists of two English Electric Kaplan turbines with Allis Chalmers umbrella-type water-cooled generators, each rated at 40 megawatts (MW), for a total generating capacity of 80 MW. The facility is located at 209 Private Road 6055, Burkeville, TX 75932, approximately 15 miles northeast of the City of Burkeville in unincorporated Newton County, Texas.

This application is for a major amendment and renewal to authorize the discharge of wastewater associated with the operation of the Toledo Bend Project. The permit authorizes the continued discharge of approximately 1.2 million gallons per day (MGD) of non-contact cooling water via Outfall 001, 0.036 MGD of low-volume wastewater via Outfall 002, and 0.009 MGD of stormwater runoff via Outfall 003. In addition, the application proposes the addition of Outfall 004, a new discharge point for stormwater collected from the transformer yard, with an estimated flow of 0.009 MGD.

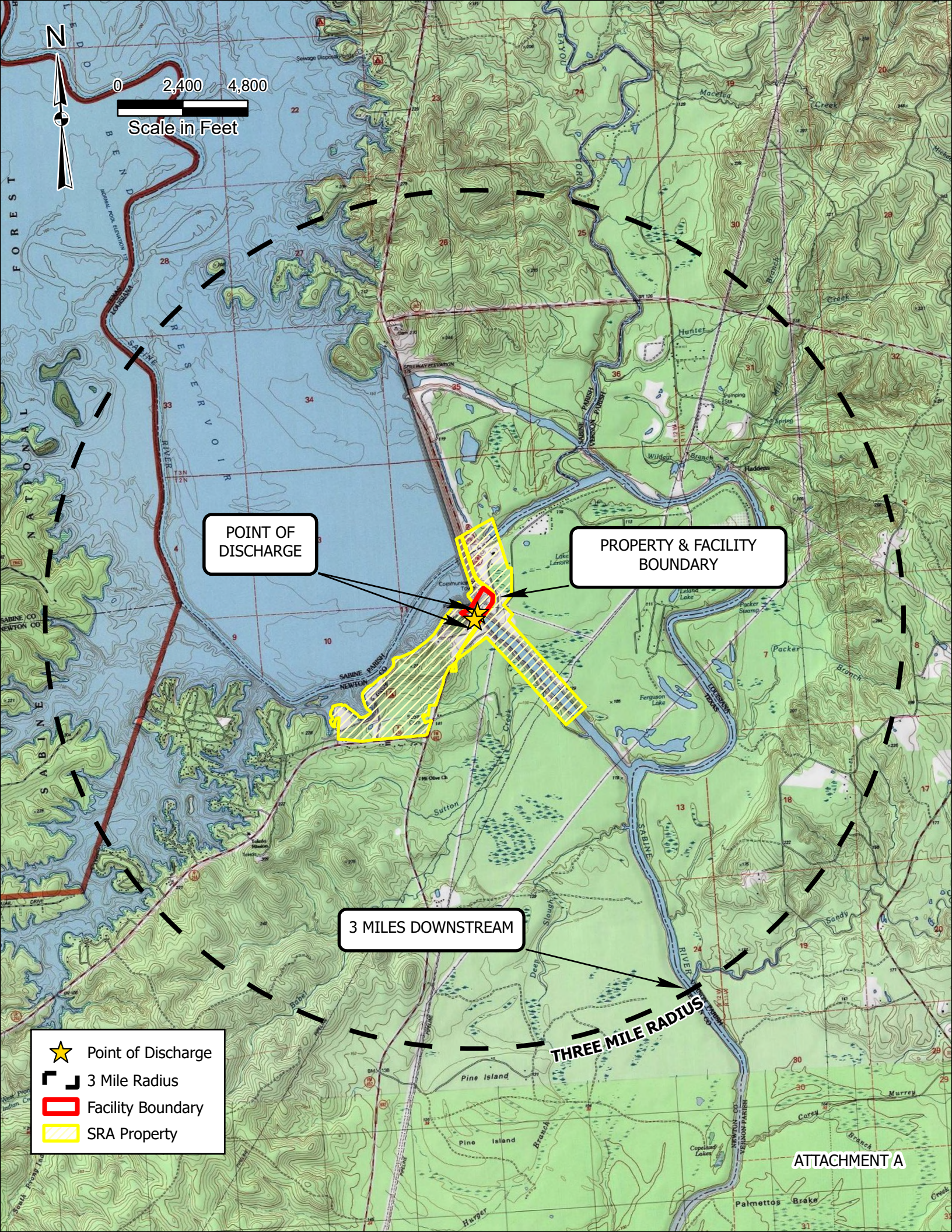
Non-contact cooling water is withdrawn as a side-stream from the Toledo Bend Reservoir, used to cool equipment and lubricate bearings, and discharged through Outfall 001 without chemical addition or treatment. Low-volume wastewater originates from condensation, incidental leaks, and maintenance dewatering activities within the facility. It is collected in a station sump equipped with a mechanical oil skimmer prior to discharge through Outfall 002. Stormwater runoff from the powerhouse roof and deck drains through Outfall 003, while runoff from the transformer yard will be routed through an oil-water separator before discharge via the proposed Outfall 004.

The facility is subject to the general requirements of the Texas Pollutant Discharge Elimination System (TPDES). Pollutants expected from these discharges are:

- **Outfall 001** – temperature
- **Outfall 002** – copper, oil & grease, total suspended solids (TSS)
- **Outfall 003** – oil & grease, total organic carbon (TOC)

- **Outfall 004** – oil & grease, total organic carbon (TOC)

Sanitary wastewater is managed through a septic system located on adjacent property and is not discharged. Best management practices (BMPs) are routinely implemented to minimize potential contamination of stormwater and wastewater streams.



0 2,400 4,800
Scale in Feet

POINT OF
DISCHARGE

PROPERTY & FACILITY
BOUNDARY

3 MILES DOWNSTREAM

THREE MILE RADIUS

- ★ Point of Discharge
- ┌┐ 3 Mile Radius
- ▭ Facility Boundary
- ▨ SRA Property

0 0.13 0.25 0.5 Miles

N

- Discharge Points
- Landowners
- ▨ SRA Property
- ▬ Facility Boundary

POINT OF
DISCHARGE

FACILITY
BOUNDARY

PROPERTY
BOUNDARY

STATE OF LOUISIANA

ONE MILE DOWNSTREAM

Parcel ID	Owner_First	Owner_Last	Owner_Address	City	State	Zip_Code
1		SCOTT CEMETERY ASSOCIATION	1235 COUNTY ROAD 2133	BURKEVILLE	TX	75932
2	GARY & DIANNA L	FOMBY	132 EAST ST	BURKEVILLE	TX	75932
3	SHIRLEY R	JACKSON	5600 SPOKANE ST	LOS ANGELES	CA	90016
4	JEFFERY A	SEAL	1530 PIMPERNEL	SAN ANTONIO	TX	78260
5	JEFFERY A	SEAL	1530 PIMPERNEL	SAN ANTONIO	TX	78260
6	JEFFERY A	SEAL	1530 PIMPERNEL	SAN ANTONIO	TX	78260
7		D3C CONSTRUCTION LLC	20615 FAWN TIMBER TRAIL	HUMBLE	TX	77336
8	MARK A	GUEDRY	122 MCCAIN RD	DERIDDER	LA	70634
9	WILLIAM E	BARROW	2072 COUNTY ROAD 2045	NEWTON	TX	75966
10	MARK A	GUEDRY	122 MCCAIN RD	DERIDDER	LA	70634
11		SOUTHERN TIMBER PROPERTIES LLC	PO BOX 1626	MANY	LA	71449
12	MARK A	GUEDRY	122 MCCAIN RD	DERIDDER	LA	70634
13	JANET STARK	SONNIER	2520 KING ROAD	SULPHUR	LA	70663
14		JONES ENTERPRISES LTD	PO BOX 631123	NACOGDOCHES	TX	75963
15	ERIC	WARREN	2503 COMMONWEALTH ST	HOUSTON	TX	77006
16		JONES ENTERPRISES LTD	PO BOX 631123	NACOGDOCHES	TX	75963
17	MR AND MRS	MCGLOTHIN	432 CR 4217	ORANGE	TX	77632
18	MICHAEL	DAVIS	6516 VAL ST	GROVES	TX	77619
19	GLEN	BURKE	2527 AVENUE P	GALVESTON	TX	77550
20	DIANNA	FOMBY	132 EAST ST	BURKEVILLE	TX	75932
21	RANDY	READ	274 E EASY STREET	BURKEVILLE	TX	75932
22	MR AND MRS	CART	390 EISSMAN RD	LEESVILLE	LA	71446
23	DENA	JOHNSON	2900 MANNING ST	PORT ARTHUR	TX	77640
24	COLE	HERSEY	1165 CAMELLIA ST	VIDOR	TX	77662
25	TAFFY	AMBURN	2879 FM 92	SILSBEE	TX	77656
26	MIKE	REDDING	239 COUNTY ROAD 2157	BURKEVILLE	TX	75932
27	MICHAEL	DAVIS	6516 VAL ST	GROVES	TX	77619
28	SANDRA	HOPSON	161 PRIVATE ROAD 6048	BURKEVILLE	TX	75932
29	RICKY	RICHMOND	218 MEEK ST	NEWTON	TX	75966
30	MR AND MRS	MURRAY	790 HICKORY HILL DR	BURKEVILLE	TX	75932
31		SHADY OAKS SHORES RV PARK LLC	245 SHADY SHORES ROAD	BURKEVILLE	TX	75932



Photo 1: The new transformer yard.



Photo 2: Proposed Outfall 004 point of discharge looking upstream



Photo 3: Proposed Outfall 004 point of discharge looking downstream



INLET CHANNEL

ACCESS ROAD

DECK DRAIN
(Stem Wtr Collection)

DECK DRAIN
(Stm Wtr COLLECTION)

100

DISCHARGE
(OUTFALL 003)

COOLING WATER —
DRAINAGE
(OCTFALL 2011)

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[illegible]DIS
CHU

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Outfall Locations



S R V

SABINE RIVER AUTHORITY OF TEXAS

REV.	DESCRIPTION	BY	DATE
01	SABINE RIVER AUTHORITY OF TEXAS TULLEDO BRID DIVISION TULLEDO BRIDGE RENEWAL SITE SITE PLAN EXHIBIT		
02	FOR REVIEW		
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ATTACHMENT D

REV. 0

DATE

D3C CONSTRUCTION LLC
20615 FAWN TIMBER TRAIL
HUMBLE TX 77336

TAFFY AMBURN
2879 FM 92
SILSBEE TX 77656

WILLIAM BARROW
2072 COUNTY ROAD 2045
NEWTON TX 75966

GLEN BURKE
2527 AVENUE P
GALVESTON TX 77550

MR AND MRS CART
390 EISSMAN RD
LEESVILLE LA 71446

MICHAEL DAVIS
6516 VAL ST
GROVES TX 77619

MR AND MRS FOMBY
132 EAST ST
BURKEVILLE TX 75932

MARK GUEDRY
122 MCCAIN RD
DERIDDER LA 70634

COLE HERSEY
1165 CAMELLIA ST
VIDOR TX 77662

SANDRA HOPSON
161 PRIVATE ROAD 6048
BURKEVILLE TX 75932

SHIRLEY JACKSON
5600 SPOKANE ST
LOS ANGELES CA 90016

DENA JOHNSON
2900 MANNING ST
PORT ARTHUR TX 77640

JONES ENTERPRISES LTD
PO BOX 631123
NACOGDOCHES TX 75963

MR AND MRS MCGLOTHIN
432 CR 4217
ORANGE TX 77632

MR AND MRS MURRAY
790 HICKORY HILL DR
BURKEVILLE TX 75932

RANDY READ
274 E EASY STREET
BURKEVILLE TX 75932

MIKE REDDING
239 COUNTY ROAD 2157
BURKEVILLE TX 75932

RICKY RICHMOND
218 MEEK ST
NEWTON TX 75966

SCOTT CEMETERY ASSOCIATION
1235 COUNTY ROAD 2133
BURKEVILLE TX 75932

JEFFERY SEAL
1530 PIMPERNEL
SAN ANTONIO TX 78260

SHADY OAKS SHORES RV PARK LLC
245 SHADY SHORES ROAD
BURKEVILLE TX 75932

JANET SONNIER
2520 KING ROAD
SULPHUR LA 70663

SOUTHERN TIMBER PROPERTIES LLC
PO BOX 1626
MANY LA 71449

ERIC WARREN
2503 COMMONWEALTH ST
HOUSTON TX 77006



TEXAS COMMISSION ON ENVIRONMENTAL
QUALITY

P.O. Box 13087
Austin, Texas 78711-3087

PERMIT TO DISCHARGE WASTES

under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

TPDES PERMIT NO.
WQ0004845000
*[For TCEQ office use only -
EPA I.D. No. TX0130109]*

This major amendment with
renewal replaces TPDES Permit No.
WQ0004845000, issued on
September 30, 2021.

Sabine River Authority of Texas and Sabine River Authority State of Louisiana

whose mailing address is

P.O. Box 579
Orange, Texas 77631

is authorized to treat and discharge wastes from Toledo Bend Dam, a hydroelectric power generating facility (SIC 4911)

located at 209 Private Road 6055, near the City of Burkeville, Newton County, Texas 75932

via Outfalls 001, 002, and 003 to the Toledo Bend Reservoir tailrace; Outfall 004 to a man-made channel, thence to unnamed tributary, thence to Sutton Creek, thence to the Toledo Bend Reservoir tailrace; thence all to Sabine River Above Caney Creek in Segment No. 0503 of the Sabine River Basin

only according to effluent limitations, monitoring requirements, and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this permit does not grant to the permittee the right to use private or public property for conveyance of wastewater along the discharge route described in this permit. This includes, but is not limited to, property belonging to any individual, partnership, corporation, or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, five years from the date of permit issuance.

ISSUED DATE:

For the Commission

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 001

1. During the period beginning upon the date of permit issuance and lasting through the date of permit expiration, the permittee is authorized to discharge once-through non-contact cooling water subject to the following effluent limitations:

The daily maximum flow shall not exceed 1.2 million gallons per day (MGD).

Effluent Characteristics	Discharge Limitations			Minimum Self-Monitoring Requirements	
	Daily Average mg/L	Daily Maximum mg/L	Single Grab mg/L	Report Daily Average and Daily Maximum Measurement Frequency	Sample Type
Flow	Report, MGD	1.2 MGD	N/A	1/day	Estimate
Temperature ¹	Report, °F	Report, °F	N/A	1/day	In-Situ

2. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
3. Effluent monitoring samples must be taken at the following location: At Outfall 001, after leaving the cooling structure and prior to entering the dam tailrace.

¹ See Other Requirement No. 8.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 002

1. During the period beginning upon the date of permit issuance and lasting through the date of permit expiration, the permittee is authorized to discharge low volume waste sources ¹ subject to the following effluent limitations:

Volume: Intermittent and flow-variable

Effluent Characteristics	Discharge Limitations			Minimum Self-Monitoring Requirements	
	Daily Average mg/L	Daily Maximum mg/L	Single Grab mg/L	Report Daily Average and Daily Maximum Measurement Frequency	Sample Type
Flow	Report, MGD	Report, MGD	N/A	1/day ²	Estimate
Total Suspended Solids	30	100	100	1/week ²	Grab
Oil and Grease	15	20	20	1/week ²	Grab
Total Copper	Report	Report	N/A	1/week ²	Grab

2. The pH must not be less than 6.0 standard units nor greater than 9.0 standard units and must be monitored 1/week ² by grab sample.
3. There must be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
4. Effluent monitoring samples must be taken at the following location: At Outfall 002, after leaving the sump and prior to entering the dam tailrace.

¹ See Other Requirement No. 2.

² When discharge occurs.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 003

1. During the period beginning upon the date of permit issuance and lasting through the date of permit expiration, the permittee is authorized to discharge stormwater subject to the following effluent limitations:

Volume: Intermittent and flow-variable.

Effluent Characteristics	Discharge Limitations			Minimum Self-Monitoring Requirements	
	Daily Average mg/L	Daily Maximum mg/L	Single Grab mg/L	Report Daily Average and Daily Maximum Measurement Frequency	Sample Type
Flow	Report, MGD	Report, MGD	N/A	1/day ¹	Estimate
Total Organic Carbon	N/A	55	55	1/week ¹	Grab
Oil and Grease	N/A	20	20	1/week ¹	Grab

2. The pH must not be less than 6.0 standard units nor greater than 9.0 standard units and must be monitored 1/week ¹ by grab sample.
3. There must be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
4. Effluent monitoring samples must be taken at the following location: At Outfall 003, after exiting the stormwater collection pipe and prior to entering the dam tailrace.

¹ When discharge occurs.

EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 004

1. During the period beginning upon the date of permit issuance and lasting through the date of permit expiration, the permittee is authorized to discharge stormwater subject to the following effluent limitations:

Volume: Intermittent and flow-variable.

Effluent Characteristics	Discharge Limitations			Minimum Self-Monitoring Requirements	
	Daily Average mg/L	Daily Maximum mg/L	Single Grab mg/L	Report Daily Average and Daily Maximum Measurement Frequency	Sample Type
Flow	Report, MGD	Report, MGD	N/A	1/day ¹	Estimate
Total Organic Carbon	N/A	55	55	1/week ¹	Grab
Oil and Grease	N/A	20	20	1/week ¹	Grab

2. The pH must not be less than 6.0 standard units nor greater than 9.0 standard units and must be monitored 1/week ¹ by grab sample.
3. There must be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
4. Effluent monitoring samples must be taken at the following location: At Outfall 004, after exiting underground oil water separator tank and prior to entering the dam tailrace.

¹ When discharge occurs.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

As required by Title 30 Texas Administrative Code (TAC) Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC §§305.121 - 305.129 (relating to Permit Characteristics and Conditions) as promulgated under the Texas Water Code (TWC) §§5.103 and 5.105, and the Texas Health and Safety Code (THSC) §§361.017 and 361.024(a), establish the characteristics and standards for waste discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit. All definitions in Texas Water Code §26.001 and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

- a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder, and limited to major domestic wastewater discharge facilities with a one million gallons per day or greater permitted flow.
- b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.
- d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.
- e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.
- f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.
 - ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.

- d. Daily discharge - the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the "daily discharge" is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the "daily discharge" is calculated as the average measurement of the pollutant over the sampling day.

The "daily discharge" determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the "daily discharge" determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that day.

- e. Bacteria concentration (Fecal coliform, *E. coli*, or Enterococci) – the number of colonies of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the *n*th root of the product of all measurements made in a calendar month, where *n* equals the number of measurements made; or computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substitute value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.
- f. Daily average loading (lbs/day) - the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as (Flow, MGD × Concentration, mg/L × 8.34).
- g. Daily maximum loading (lbs/day) - the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.

3. Sample Type

- a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC §319.9(a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC §319.9(c).
 - b. Grab sample - an individual sample collected in less than 15 minutes.
4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
 5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.
 6. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

Monitoring results shall be provided at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling and reporting in accordance with 30 TAC §§319.4 - 319.12. Unless otherwise specified, effluent monitoring data shall be submitted each month, to the Enforcement Division (MC 224), by the 20th day of the following month for each discharge that is described by this

permit whether or not a discharge is made for that month. Monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Monitoring results must be signed and certified as required by Monitoring and Reporting Requirements No. 10.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act; TWC Chapters 26, 27, and 28; and THSC Chapter 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record, or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

- a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§319.11 - 319.12. Measurements, tests, and calculations shall be accurately accomplished in a representative manner.
- b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.
- b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR §264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.
- c. Records of monitoring activities shall include the following:
 - i. date, time, and place of sample or measurement;
 - ii. identity of individual who collected the sample or made the measurement;
 - iii. date and time of analysis;
 - iv. identity of the individual and laboratory who performed the analysis;
 - v. the technique or method of analysis; and
 - vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in the calculation and reporting of the values submitted on the approved self-report form. Increased frequency of sampling shall be indicated on the self-report form.

5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as

necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site or shall be readily available for review by a TCEQ representative for a period of three years.

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the regional office and the Enforcement Division (MC 224).

7. Noncompliance Notification

- a. In accordance with 30 TAC §305.125(9) any noncompliance that may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Report of such information shall be provided orally or by facsimile transmission (FAX) to the regional office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the regional office and the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective September 1, 2020, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.
- b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:
 - i. unauthorized discharges as defined in Permit Condition 2(g).
 - ii. any unanticipated bypass that exceeds any effluent limitation in the permit.
 - iii. violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.
- c. In addition to the above, any effluent violation that deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the regional office and the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
- d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Enforcement Division (MC 224) as promptly as possible. For effluent limitation violations, noncompliances shall be reported on the approved self-report form.

8. In accordance with the procedures described in 30 TAC §§35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.

9. Changes in Discharges of Toxic Substances

All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the regional office, orally or by facsimile transmission within 24 hours, and both the regional office and the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

- a. That any activity has occurred or will occur that would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D, Tables II and III (excluding Total Phenols) that is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - i. one hundred micrograms per liter (100 µg/L);

- ii. two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - iii. five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. the level established by the TCEQ.
- b. That any activity has occurred or will occur that would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant that is not limited in the permit, if that discharge will exceed the highest of the following “notification levels”:
- i. five hundred micrograms per liter (500 µg/L);
 - ii. one milligram per liter (1 mg/L) for antimony;
 - iii. ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. the level established by the TCEQ.

10. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC §305.128 (relating to Signatories to Reports).

11. All POTWs must provide adequate notice to the Executive Director of the following:

- a. any new introduction of pollutants into the POTW from an indirect discharger that would be subject to CWA §301 or §306 if it were directly discharging those pollutants;
- b. any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit; and
- c. for the purpose of this paragraph, adequate notice shall include information on:
 - i. the quality and quantity of effluent introduced into the POTW; and
 - ii. any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

- a. When the permittee becomes aware that it failed to submit any relevant facts in a permit application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.
- b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:
 - i. violation of any terms or conditions of this permit;
 - ii. obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - iii. a change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending, or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

- a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
- b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.
- c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation that has a reasonable likelihood of adversely affecting human health or the environment.
- e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.
- f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§305.62 and 305.66 and TWC §7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- g. There shall be no unauthorized discharge of wastewater or any other waste. For the purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Other Requirements section of this permit.
- h. In accordance with 30 TAC §305.535(a), the permittee may allow any bypass to occur from a TPDES permitted facility that does not cause permitted effluent limitations to be exceeded or an unauthorized discharge to occur, but only if the bypass is also for essential maintenance to assure efficient operation.
- i. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under Texas Water Code §§7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under the CWA §402, or any requirement imposed in a pretreatment program approved under the CWA §§402(a)(3) or 402(b)(8).

3. Inspections and Entry

- a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC Chapter 361.
- b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit, or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee,

Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in TWC §7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment or Renewal

- a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:
 - i. the alteration or addition to a permitted facility may meet one of the criteria for determining whether a facility is a new source in accordance with 30 TAC §305.534 (relating to New Sources and New Dischargers); or
 - ii. the alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9; or
 - iii. the alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.
- c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.
- d. Prior to accepting or generating wastes that are not described in the permit application or that would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.
- e. In accordance with the TWC §26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.
- f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA §307(a) for a toxic pollutant that is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA §307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.

5. Permit Transfer

- a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.
- b. A permit may be transferred only according to the provisions of 30 TAC §305.64 (relating to Transfer of Permits) and 30 TAC §50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal that requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Relationship to Water Rights

Disposal of treated effluent by any means other than discharge directly to water in the state must be specifically authorized in this permit and may require a permit pursuant to Texas Water Code Chapter 11.

8. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

9. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

10. Relationship to Permit Application

The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

11. Notice of Bankruptcy.

- a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:
 - i. the permittee;
 - ii. an entity (as that term is defined in 11 USC, §101(15)) controlling the permittee or listing the permit or permittee as property of the estate; or
 - iii. an affiliate (as that term is defined in 11 USC, §101(2)) of the permittee.
- b. This notification must indicate:
 - i. the name of the permittee;
 - ii. the permit number(s);
 - iii. the bankruptcy court in which the petition for bankruptcy was filed; and
 - iv. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.

2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge use and disposal and 30 TAC §§319.21 - 319.29 concerning the discharge of certain hazardous metals.
3. Domestic wastewater treatment facilities shall comply with the following provisions:
 - a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.
 - b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment or other treatment unit regulated by this permit.
4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, or retention of inadequately treated wastewater.
5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.
6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under TWC §7.302(b)(6).
7. Documentation

For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for information required for TPDES permit applications, effluent data, including effluent data in permits, draft permits and permit applications, and other information specified as not confidential in 30 TAC §1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words "confidential business information" on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

8. Facilities that generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.
 - a. Whenever flow measurements for any domestic sewage treatment facility reach 75% of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion or upgrading of the domestic wastewater treatment or collection facilities. Whenever the flow reaches 90% of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment or collection facilities. In the case of a domestic wastewater treatment facility that reaches 75% of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the

permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

If in the judgment of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

- b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission, and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been secured.
 - c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment, and disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.
9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.
 10. For Publicly Owned Treatment Works (POTWs), the 30-day average (or monthly average) percent removal for BOD and TSS shall not be less than 85%, unless otherwise authorized by this permit.
 11. Facilities that generate industrial solid waste as defined in 30 TAC §335.1 shall comply with these provisions:
 - a. Any solid waste, as defined in 30 TAC §335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.
 - b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.
 - c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC §335.8(b)(1), to the Corrective Action Section (MC 127) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.
 - d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Remediation Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC §335.5.
 - e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt

dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.

- f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC Chapter 335 and must include the following, as it pertains to wastewater treatment and discharge:
- i. volume of waste and date(s) generated from treatment process;
 - ii. volume of waste disposed of on-site or shipped off-site;
 - iii. date(s) of disposal;
 - iv. identity of hauler or transporter;
 - v. location of disposal site; and
 - vi. method of final disposal.

The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

12. For industrial facilities to which the requirements of 30 TAC Chapter 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with THSC Code Chapter 361.

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OTHER REQUIREMENTS

1. Violations of daily maximum limitations for the following pollutants shall be reported orally or by facsimile to TCEQ Region 10 within 24 hours from the time the permittee becomes aware of the violation, followed by a written report within five working days to TCEQ Region 10 and Compliance Monitoring Team (MC 224): None.

When an analysis of an effluent sample for a pollutant listed above indicates no detectable levels above the MAL and the test method detection level is as sensitive as the specified MAL, a value of zero shall be used for that measurement when making calculations for the self-reporting form. This applies to determinations of daily maximum concentration, calculations of loading and daily averages, and other reportable results.

Pollutant	MAL¹ (mg/L)
Copper (Total)	0.002

When a reported value is zero based on this MAL provision, the permittee shall submit the following statement with the self-reporting form either as a separate attachment to the form or as a statement in the comments section of the form:

“The reported value(s) of zero for _____ [list pollutant(s)] _____ on the self-reporting form for [monitoring period date range] _____ is based on the following conditions: (1) the analytical method used had a method detection level as sensitive as the MAL specified in the permit, and (2) the analytical results contained no detectable levels above the specified MAL.”

When an analysis of an effluent sample for a pollutant indicates no detectable levels and the test method detection level is not as sensitive as the MAL specified in the permit, or an MAL is not specified in the permit for that pollutant, the level of detection achieved shall be used for that measurement when making calculations for the self-reporting form. A zero may not be used.

2. The term “*low volume waste sources*” means, taken collectively as if from one source, wastewater from all sources except those for which specific limitation are otherwise established in 40 CFR Part 423. Low volume waste sources include, but are not limited to, wastewaters from: wastewaters from ion exchange water treatment systems, water treatment evaporator blowdown, laboratory and sampling streams, boiler blowdown, floor drains, cooling tower basin cleaning wastes, recirculating house service water systems, and wet scrubber air pollution control systems whose primary purpose is particulate removal. Sanitary wastes, air conditioning wastes, and wastewater from carbon capture or sequestration systems are not included in this definition.

Low volume waste sources shall include wastewaters from various sources of condensate throughout the facility and leaks and incidental drips collected by floor drains. Also included in this definition is the wastewater produced by annual plant dewatering operations of the turbines and draft tubes through the plant sump for maintenance purposes.

3. This permit does not authorize the discharge of domestic wastewater. All domestic wastewater must be disposed of in an approved manner, such as routing to an approved septic tank and drainfield system located on adjacent property owned by Sabine River Authority of Texas or to an authorized third party for treatment and disposal.

¹ Minimum analytical level.

4. For Outfalls 001 and 002 the chronic aquatic life mixing zone is defined as 300 feet downstream and 100 feet upstream from the point of discharge. Chronic toxic criteria apply at the edge of the mixing zone.
5. There shall be no discharge of polychlorinated biphenyl compounds such as those commonly used for transformer fluid.
6. The permittee must maintain and continue to implement a stormwater pollution prevention plan (SWP3) that includes a set of best management practices (BMPs) to eliminate or lessen the exposure of stormwater to industrial activities and pollutants. The SWP3 must be maintained on site and be made readily available for review by authorized TCEQ personnel. The SWP3 must contain elements, or sections, to require implementation of the following activities:
 - A. Good Housekeeping Measures - Activities must be defined and implemented to ensure areas of the facility that either contribute or potentially contribute pollutants to stormwater discharges are maintained and operated in a clean and orderly manner. The frequency for conducting each of the good housekeeping measures must be defined in the SWP3.
 - B. Spill Prevention and Response Measures - Areas must be identified where spills would likely contribute pollutants to stormwater discharges. Procedures must be identified and implemented to minimize or prevent contamination of stormwater from spills. Spill cleanup techniques must be identified and the necessary materials and equipment for cleanup made available to facility personnel. Facility personnel that work in the identified areas must be trained in spill prevention and response measures at a minimum frequency of once per year. A record of employee training must be maintained on a minimum frequency of once per year, maintained on site, and be made readily available for inspection by authorized TCEQ personnel upon request.

The SWP3 may be modified at any time in order to implement either additional or more effective pollution control measures. A summary of revisions, including the dates of the revisions, must be maintained on a quarterly basis, maintained as a part of the SWP3 document, and made readily available for inspection by authorized TCEQ personnel upon request.

Qualified personnel, who are familiar with the industrial activities performed at the facility, must conduct monthly inspections to determine the effectiveness of the Good Housekeeping Measures, Spill Prevention and Response Measures, Best Management Practices, and the Employee Training Program. The results of inspections must be documented in an inspection summary report; include an assessment for any necessary revisions or additional measures to increase effectiveness of the SWP3; and include a time frame for implementation of any follow up actions. The summary report must be maintained on site and be made readily available for inspection by authorized TCEQ personnel upon request.

7. The use of chlorine as a treatment chemical in once through non-contact cooling water at Outfall 001 is prohibited.
8. The permittee submitted a Thermal Plume Characterization Plan on May 12, 2017 which the TCEQ approved for implementation on November 13, 2017. The permittee is hereby placed on notice that the Executive Director of the TCEQ will be initiating changes to evaluation procedures and/or rulemaking that may affect thermal requirements for this facility.

9. COOLING WATER INTAKE STRUCTURE REQUIREMENTS

The permittee shall provide written notification to the TCEQ Industrial Permits Team (MC 148) and Region 10 Office of any changes in the method by which the facility obtains water for cooling purposes. This notification must be submitted 30 days prior to any such change and must include a description of the planned changes. The TCEQ may, upon review of the notification, reopen the permit to include additional terms and conditions as necessary.

STATEMENT OF BASIS/TECHNICAL SUMMARY AND
EXECUTIVE DIRECTOR'S PRELIMINARY DECISION

DESCRIPTION OF APPLICATION

Applicant: Sabine River Authority of Texas and Sabine River Authority State of Louisiana;
Texas Pollutant Discharge Elimination System (TPDES) Permit No.
WQ0004845000 (EPA I.D. No. TX0130109)

Regulated activity: Industrial wastewater permit

Type of application: Major amendment with renewal

Request: Major amendment with renewal to add a new Outfall 004 for stormwater discharge.

Authority: Federal Clean Water Act (CWA) §402; Texas Water Code (TWC) §26.027;
30 Texas Administrative Code (TAC) Chapter 305, Subchapters C-F, and
Chapters 307 and 319; commission policies; and Environmental Protection
Agency (EPA) guidelines

EXECUTIVE DIRECTOR RECOMMENDATION

The Executive Director has made a preliminary decision that this permit, if issued, meets all statutory and regulatory requirements. The draft permit will expire at midnight, five years from the date of permit issuance according to the requirements of 30 TAC §305.127(1)(C)(i).

REASON FOR PROJECT PROPOSED

The applicant applied to the Texas Commission on Environmental Quality (TCEQ) for an amendment of its existing permit. The proposed amendment would authorize the addition of a new Outfall 004 for stormwater discharge.

PROJECT DESCRIPTION AND LOCATION

The applicant currently operates Toledo Bend Dam, a hydroelectric power generating facility.

The Toledo Bend hydroelectric generating facility consists of two generating units with a total generating capacity of 80 megawatts (MW). Water enters the facility from Toledo Bend Reservoir and is discharged to a man-made canal. The annual operating time for the units is planned to maintain nominal levels in the reservoir and generate peak demand power.

Wastewater is routinely generated by the facility in the form of non-contact cooling water, condensation and incidental low-volume wastewater, and storm water runoff from the building roof, deck and transformer yard located on the southwest side of the powerhouse building. Non-contact cooling water is withdrawn as a side stream from the main generating facility throughput and used both for generator cooling and bearing lubrication cooling purposes via heat exchangers. During periods when the facility is not generating power, this cooling water flow continues but no heat exchange is affected. Normal condensation throughout the facility, along with incidental drips and leaks, is collected in floor drains and routed to the station sump for intermittent discharge. This sump also serves as the discharge point for dewatering the facility during major station maintenance outages. Rainwater from the roof of the generator building and deck area is collected in a grated drain for discharge during storm events. Wastewater is discharged from the facility to the tailrace of the dam, where it mixes with the generating flow and travels via a manmade channel to enter the Sabine River. Rainwater collected in the transformer yard flows through a channel to an oil-water separation system, which includes two 4,500-gallon tanks for

STATEMENT OF BASIS / TECHNICAL SUMMARY AND
EXECUTIVE DIRECTOR'S PRELIMINARY DECISION
TPDES Permit No. WQ0004845000

removing oil and other contaminants. Following separation, the storm water is discharged into a drainage ditch managed by the Texas Department of Transportation (TxDOT). From there, the water flows downgradient into naturally occurring sloughs, eventually reaching the manmade channel approximately 1.3 miles downstream from the powerhouse deck.

Potable water for the facility is supplied from water wells owned and operated by the Sabine River Authority and is not treated further on site. Sanitary domestic sewage for the facility is collected and discharged via an air-lift ejector to a septic tank and drain field system located on adjacent property owned and operated by Sabine River Authority.

The facility is located at 209 Private Road 6055, near the City of Burkeville, Newton County, Texas 75932.

Discharge Routes and Designated Uses

The effluent is discharged via Outfalls 001, 002, and 003 to the Toledo Bend Reservoir tailrace; Outfall 004 to a man-made channel, thence to unnamed tributary, thence to Sutton Creek, thence to the Toledo Bend Reservoir tailrace; thence all to Sabine River Above Caney Creek in Segment No. 0503 of the Sabine River Basin. The unclassified receiving water uses are high aquatic life use for Toledo Bend Reservoir tailrace, limited aquatic life use for Sutton Creek and unnamed tributary, and minimal aquatic life use for the man-made ditch. The designated uses for Segment No. 0503 are primary contact recreation, public water supply, and high aquatic life use. The effluent limits in the draft permit will maintain and protect the existing instream uses. All determinations are preliminary and subject to additional review and revisions.

Antidegradation Review

In accordance with 30 TAC §307.5 and TCEQ's *Procedures to Implement the Texas Surface Water Quality Standards* (June 2010), an antidegradation review of the receiving waters was performed. A Tier 1 antidegradation review has preliminarily determined that existing water quality uses will not be impaired by this permit action. Numerical and narrative criteria to protect existing uses will be maintained. A Tier 2 review has preliminarily determined that no significant degradation of water quality is expected in Toledo Bend Reservoir tailrace, which has been identified as having high aquatic life use. Existing uses will be maintained and protected. The preliminary determination can be reexamined and may be modified if new information is received.

Endangered Species Review

The discharge from this permit is not expected to have an effect on any federal endangered or threatened aquatic or aquatic-dependent species or proposed species or their critical habitat. This determination is based on the United States Fish and Wildlife Service's (USFWS) biological opinion on the State of Texas authorization of the TPDES program (September 14, 1998; October 21, 1998 update). To make this determination for TPDES permits, TCEQ and the EPA only considered aquatic or aquatic-dependent species occurring in watersheds of critical concern or high priority as listed in Appendix A of the USFWS's biological opinion. The determination is subject to reevaluation due to subsequent updates or amendments to the biological opinion. The permit does not require EPA review with respect to the presence of endangered or threatened species.

Impaired Water Bodies

Segment No. 0503 is not currently listed on the state's inventory of impaired and threatened waters, the 2024 CWA §303(d) list.

Completed Total Maximum Daily Loads (TMDLs)

There are no completed TMDLs for Segment No. 0503.

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Dissolved Oxygen

Due to the low concentration of oxygen demanding constituents in the discharges at Outfalls 001 and 002, no significant dissolved oxygen depletion is anticipated in the receiving waters as a result of these discharges. Additionally, due to the low concentration of oxygen-demanding constituents expected and the high flow in the Toledo Bend Reservoir tailrace and the resulting dilution, no significant dissolved oxygen depletion is anticipated in the receiving waters as a result of the intermittent and flow-variable stormwater discharges via Outfalls 003 and 004.

SUMMARY OF EFFLUENT DATA

The following is a quantitative description of the discharge described in the monthly effluent report data for the period May 2020 through April 2025. The "Avg of Daily Avg" values presented in the following table are the average of all daily average values for the reporting period for each pollutant. The "Max of Daily Max" values presented in the following table are the individual maximum values for the reporting period for each pollutant. Flows are expressed in million gallons per day (MGD). All pH values are expressed in standard units (SU).

Flow

Outfall	Frequency	Avg of Daily Avg, MGD	Max of Daily Max, MGD
001	Continuous	0.294	0.503
002	Intermittent	0.068	1.53
003	Intermittent	0.012	0.0460

Temperature

Outfall	Temperature	Daily Average, °F	Daily Maximum, °F
001	Temperature	73.0	103

Effluent Characteristics

Outfall	Pollutant	Avg of Daily Avg	Max of Daily Max
		mg/L	mg/L
002	Total Suspended Solids (TSS)	3.32	10.9
	Oil and Grease	2.00	2.00
	Total Copper	0.006	0.073
	pH	6.40 SU, minimum	8.46 SU
003	Total Organic Carbon (TOC)	N/A	28.7
	Oil and Grease	N/A	7.14
	pH	6.44 SU, minimum	8.63 SU

No effluent limit violations were documented in the monthly effluent reports.

DRAFT PERMIT CONDITIONS

The draft permit authorizes the discharge of once-through non-contact cooling water at a daily maximum flow not to exceed 1.2 MGD via Outfall 001; low volume waste sources on an intermittent and flow-variable basis via Outfall 002; and stormwater on an intermittent and flow-variable basis via Outfalls 003 and 004.

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Effluent limitations are established in the draft permit as follows:

<i>Outfall</i>	<i>Pollutant</i>	<i>Daily Average mg/L</i>	<i>Daily Maximum mg/L</i>
001	Flow	Report, MGD	1.2 MGD
	Temperature	Report, °F	Report, °F
002	Flow	Report, MGD	Report, MGD
	TSS	30	100
	Oil and Grease	15	20
	Total Copper	Report	Report
	pH	6.0 SU, minimum	9.0 SU
003	Flow	Report, MGD	Report, MGD
	TOC	N/A	55
	Oil and Grease	N/A	20
	pH	6.0 SU, minimum	9.0 SU
004	Flow	Report	Report
	TOC	N/A	55
	Oil and Grease	N/A	20
	pH	6.0 SU, minimum	9.0 SU

OUTFALL LOCATIONS

Outfall	Latitude	Longitude
001	31.17334 N	93.566403 W
002	31.173456 N	93.566203 W
003	31.173161 N	93.565796 W
004	31.1727 N	93.5661 W

Technology-Based Effluent Limitations

Regulations in Title 40 of the Code of Federal Regulations (40 CFR) require that technology-based limitations be placed in wastewater discharge permits based on effluent limitations guidelines, where applicable, or on best professional judgment (BPJ) in the absence of guidelines. Technology-based effluent limitations from 40 CFR do not apply to the discharge from this hydroelectric facility, but limits have been established at Outfalls 001 and 002 using 40 CFR Part 423 as guidance, because the wastewaters produced at this hydroelectric facility have strong similarities to those produced from steam electric stations.

Outfall 001:

Effluent limits for total residual chlorine were not included at Outfall 001 based on information provided in the application that indicated chlorine was not used to treat the once-through non-contact cooling water at the facility. Other Requirement No. 7 in the existing permit prohibits the use of chlorine as a treatment chemical in once through non-contact cooling water at Outfall 001. This prohibition is carried forward in the draft permit.

Outfall 002:

The existing daily average and maximum effluent limits for TSS and Oil and Grease were originally based on 40 CFR §423.12(b)(3) as BPJ. The existing daily minimum and maximum effluent limitations for pH were originally based on 40 CFR §423.12(b)(1) as BPJ. Guidelines in 40 CFR §423.12(b)(1) state that the pH of all discharges, except once through cooling water, shall be within the range of 6.0-9.0 SU. The existing limitations for pH, TSS, and Oil and Grease are still protective as

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there are no water quality-based nor technology-based effluent limitations which are more stringent than the existing limits; therefore, these limits are carried forward in the draft permit based on anti-backsliding regulations in 40 CFR §122.44(l).

Outfall 003:

The existing effluent limitations for TOC, Oil and Grease, and pH were originally based upon TCEQ practice for facilities that primarily discharge stormwater and BPJ. The existing limitations for TOC, Oil and Grease, and pH are still protective as there are no water quality-based nor technology-based effluent limitations which are more stringent than the existing limits; therefore, these limits are carried forward in the draft permit based on anti-backsliding regulations in 40 CFR §122.44(l).

Outfall 004:

The existing effluent limitations for TOC, Oil and Grease, and pH for Outfall 003 are used for Outfall 004.

Water Quality-Based Effluent Limitations

Calculations of water quality-based effluent limitations for the protection of aquatic life and human health are presented in Appendix A. Aquatic life criteria established in Table 1 and human health criteria established in Table 2 of 30 TAC Chapter 307 are incorporated into the calculations, as are recommendations in the Water Quality Assessment Team's memorandum dated August 20, 2025. TCEQ practice for determining significant potential is to compare the reported analytical data from the facility against percentages of the calculated daily average water quality-based effluent limitation. Permit limitations are required when analytical data reported in the application exceeds 85 percent of the calculated daily average water quality-based effluent limitation. Monitoring and reporting is required when analytical data reported in the application exceeds 70 percent of the calculated daily average water quality-based effluent limitation.

Data reported in the application was screened against the calculated water quality-based effluent limitations. No pollutant data exceeded the 70% of the calculated daily average water quality-based effluent limitation. No monitoring requirements or limitations are necessary at Outfalls 001 and 002. Outfalls 003 and 004 are stormwater driven and were not screened for water quality-based effluent limits per current practice.

Total Dissolved Solids (TDS), Chloride, and Sulfate Screening

Average concentrations of TDS, chloride, and sulfate reported in the application for Outfalls 001 and 002 are all less than the respective criteria for Segment No. 0503; therefore, no further screening is necessary. Outfalls 003 and 004 are stormwater outfalls only and it is TCEQ practice not to screen for stormwater outfalls.

pH Screening

The existing permit includes pH limits of 6.0 – 9.0 SU at Outfall 002, which discharge into an unclassified water body. Consistent with the procedures for pH screening that were submitted to EPA with a letter dated May 28, 2014, and approved by EPA in a letter dated June 2, 2014, requiring a discharge to an unclassified water body to meet pH limits of 6.0 – 9.0 standard units reasonably ensures instream compliance with *Texas Surface Water Quality Standards* pH criteria. These limits have been carried forward in the draft permit.

Temperature

Once-through cooling water is discharged via Outfall 001. The permittee submitted a Thermal Plume Characterization Plan on May 12, 2017, which the TCEQ approved for implementation on November 13, 2017. The existing requirement to monitor and report temperature at Outfall 001 is carried

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forward in the draft permit. The permittee is hereby notified that the TCEQ may revise the permit if necessary to include temperature limits at a future date.

316(b) Cooling Water Intake Structures

Cooling water will be diverted via pipe from water previously entering the facility from the Toledo Bend Reservoir for power generation. The cooling water system will be an open-loop system to cool various parts of the equipment. No chemicals are expected to be added to the cooling water prior to return to the source water. The facility is not subject to CWA §316(b) requirements because there will be no intake pump(s) to divert the water which is already entering the facility and there will be no "cooling portion of the cooling system" as typically seen with steam-electric power generation facilities. As water runs through the facility for power generation, approximately 760 gallons per minute of that water is routed through pipes for equipment cooling purposes then returned to the Sabine River.

The Other Requirement No. 9 has been carried forward and requires the permittee to notify the TCEQ of any changes in the method by which cooling water is obtained. Upon receipt of such notification, the TCEQ may reopen the permit to include additional terms and conditions as necessary.

Whole Effluent Toxicity Testing (Biomonitoring)

Biomonitoring requirements are not included in the draft permit. The existing permit did not establish biomonitoring requirements and discharges authorized by this permit do not meet the threshold established in the *Procedures to Implement the Texas Surface Water Quality Standards* (RG-194) to impose biomonitoring requirements.

SUMMARY OF CHANGES FROM APPLICATION

No changes were made from the application.

SUMMARY OF CHANGES FROM EXISTING PERMIT

The permittee requested the following changes in their amendment request that the Executive Director has recommended granting.

The addition of a new Outfall 004 for stormwater discharge has been added to the draft permit.

The following additional changes have been made to the draft permit.

1. Pages 3-13 were updated (May 2021 version).
2. Mailing addresses for customer and site changed.
3. Entergy Texas, Inc. is no longer listed as an owner/operator.
4. The discharge routes were updated.
5. Other Requirements No. 4 was updated for clarity.

BASIS FOR DRAFT PERMIT

The following items were considered in developing the draft permit:

1. Application received on June 11, 2025, and additional information received on July 2, 2025 and July 9, 2025.

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2. Existing permits: TPDES Permit No. WQ0004845000 issued on September 30, 2021.
3. TCEQ Rules.
4. *Texas Surface Water Quality Standards* – 30 TAC §§307.1-307.10, effective March 1, 2018, as approved by EPA Region 6.
5. *Texas Surface Water Quality Standards* – 30 TAC §§307.1-307.10, effective March 6, 2014, as approved by EPA Region 6, for portions of the 2018 standards not approved by EPA Region 6.
6. *Texas Surface Water Quality Standards* – 30 TAC §§307.1-307.10, effective July 22, 2010, as approved by EPA Region 6, for portions of the 2014 standards not approved by EPA Region 6.
7. *Texas Surface Water Quality Standards* – 30 TAC §§307.1-307.10, effective August 17, 2000, and Appendix E, effective February 27, 2002, for portions of the 2010 standards not approved by EPA Region 6.
8. *Procedures to Implement the Texas Surface Water Quality Standards* (IPs), Texas Commission on Environmental Quality, June 2010, as approved by EPA Region 6.
9. *Procedures to Implement the Texas Surface Water Quality Standards*, Texas Commission on Environmental Quality, January 2003, for portions of the 2010 IPs not approved by EPA Region 6.
10. Memos from the Standards Implementation Team and Water Quality Assessment Team of the Water Quality Assessment Section of the TCEQ.
11. *Guidance Document for Establishing Monitoring Frequencies for Domestic and Industrial Wastewater Discharge Permits*, TCEQ Document No. 98-001.000-OWR-WQ, May 1998.
12. EPA Effluent Guidelines: N/A.
13. Consistency with the Coastal Management Plan: N/A
14. Letter dated May 28, 2014, from L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ, to Bill Honker, Director, Water Quality Protection Division, EPA (TCEQ proposed development strategy for pH evaluation procedures).
15. Letter dated June 2, 2014, from William K. Honker, P.E., Director, Water Quality Protection Division, EPA, to L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ (Approval of TCEQ proposed development strategy for pH evaluation procedures).
16. Letter dated April 29, 2014, from L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ, to Bill Honker, Director, Water Quality Protection Division, EPA (TCEQ proposed development strategy for thermal evaluation procedures)
17. Letter dated May 12, 2014, from William K. Honker, P.E., Director, Water Quality Protection Division, EPA, to L'Oreal W. Stepney, P.E., Deputy Director, Office of Water, TCEQ (Approval of TCEQ proposed development strategy for thermal evaluation procedures).
18. General Guidance – Industrial Permits: Uncontaminated Stormwater Runoff, EPA, January 1997.

PROCEDURES FOR FINAL DECISION

When an application is declared administratively complete, the chief clerk sends a letter to the applicant advising the applicant to publish the Notice of Receipt of Application and Intent to Obtain Permit in the newspaper. In addition, the Chief Clerk instructs the applicant to place a copy of the application in a public place for reviewing and copying in the county where the facility is or will be located. This application will be in a public place throughout the comment period. The Chief Clerk also mails this notice to any interested persons and, if required, to landowners identified in the permit application. This notice informs the public about the application and provides that an interested person may file comments on the application or request a contested case hearing or a public meeting.

Once a draft permit is completed, it is sent to the Chief Clerk, along with the Executive Director's preliminary decision contained in the technical summary or fact sheet. At that time, the Notice of Application and Preliminary Decision will be mailed to the same people and published in the same newspaper as the prior notice. This notice sets a deadline for making public comments. The applicant

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must place a copy of the Executive Director's preliminary decision and draft permit in the public place with the application.

Any interested person may request a public meeting on the application until the deadline for filing public comments. A public meeting is intended for the taking of public comment and is not a contested case hearing.

After the public comment deadline, the Executive Director prepares a response to all significant public comments on the application or the draft permit raised during the public comment period. The Chief Clerk then mails the Executive Director's response to comments and final decision to people who have filed comments, requested a contested case hearing, or requested to be on the mailing list. This notice provides that if a person is not satisfied with the Executive Director's response and decision, they can request a contested case hearing or file a request to reconsider the Executive Director's decision within 30 days after the notice is mailed.

The Executive Director will issue the permit unless a written hearing request or request for reconsideration is filed within 30 days after the Executive Director's response to comments and final decision is mailed. If a hearing request or request for reconsideration is filed, the Executive Director will not issue the permit and will forward the application and request to the TCEQ commissioners for their consideration at a scheduled commission meeting. If a contested case hearing is held, it will be a legal proceeding similar to a civil trial in state district court.

If the Executive Director calls a public meeting or the commission grants a contested case hearing as described above, the commission will give notice of the date, time, and place of the meeting or hearing. If a hearing request or request for reconsideration is made, the commission will consider all public comments in making its decision and shall either adopt the Executive Director's response to public comments or prepare its own response.

For additional information about this application, contact Thomas E. Starr at (512) 239-4570.

Thomas E. Starr
Thomas E. Starr, P.E.

August 21, 2025
Date

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Appendix A
Calculated Water Quality-Based Effluent Limits

TEXTTOX MENU #3 - PERENNIAL STREAM OR RIVER

The water quality-based effluent limitations developed below are calculated using:

Table 1, 2014 Texas Surface Water Quality Standards (30 TAC 307) for Freshwater Aquatic Life

Table 2, 2018 Texas Surface Water Quality Standards for Human Health

"Procedures to Implement the Texas Surface Water Quality Standards," TCEQ, June 2010

PERMIT INFORMATION

Permittee Name:	Sabine River Authority of Texas and SRA State of LA
TPDES Permit No.:	WQ0004845000
Outfall No.:	001
Prepared by:	Thomas Starr
Date:	August 21, 2025

DISCHARGE INFORMATION

Receiving Waterbody:	Toledo Bend Reservoir tailrace
Segment No.:	0503
TSS (mg/L):	6
pH (Standard Units):	6.8
Hardness (mg/L as CaCO ₃):	29
Chloride (mg/L):	16
Effluent Flow for Aquatic Life (MGD):	0.41
Critical Low Flow [7Q2] (cfs):	188
% Effluent for Chronic Aquatic Life (Mixing Zone):	0.34
% Effluent for Acute Aquatic Life (ZID):	1.33
Effluent Flow for Human Health (MGD):	0.3
Harmonic Mean Flow (cfs):	172
% Effluent for Human Health:	0.27
Human Health Criterion (select: PWS, FISH, or INC)	PWS

CALCULATE DISSOLVED FRACTION (AND ENTER WATER EFFECT RATIO IF APPLICABLE):

<i>Stream/River Metal</i>	<i>Intercept (b)</i>	<i>Slope (m)</i>	<i>Partition Coefficient (Kp)</i>	<i>Dissolved Fraction (Cd/Ct)</i>	<i>Source</i>	<i>Water Effect Ratio (WER)</i>	<i>Source</i>
Aluminum	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Arsenic	5.68	-0.73	129404.56	0.563		1.00	Assumed
Cadmium	6.60	-1.13	525640.82	0.241		1.00	Assumed
Chromium (total)	6.52	-0.93	625632.55	0.210		1.00	Assumed
Chromium (trivalent)	6.52	-0.93	625632.55	0.210		1.00	Assumed
Chromium (hexavalent)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Copper	6.02	-0.74	278078.92	0.375		1.00	Assumed
Lead	6.45	-0.80	672169.81	0.199		1.00	Assumed
Mercury	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Nickel	5.69	-0.57	176381.81	0.486		1.00	Assumed
Selenium	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Silver	6.38	-1.03	378882.21	0.306		1.00	Assumed
Zinc	6.10	-0.70	359165.10	0.317		1.00	Assumed

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AQUATIC LIFE

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

<i>Parameter</i>	<i>FW Acute Criterion (µg/L)</i>	<i>Chronic Criterion (µg/L)</i>	<i>WLAa (µg/L)</i>	<i>WLAc (µg/L)</i>	<i>LTAa (µg/L)</i>	<i>LTAc (µg/L)</i>	<i>Daily Avg. (µg/L)</i>	<i>Daily Max. (µg/L)</i>
Aldrin	3.0	N/A	225	N/A	129	N/A	189	401
Aluminum	991	N/A	74415	N/A	42640	N/A	62680	132608
Arsenic	340	150	45353	79236	25988	61012	38201	80821
Cadmium	2.6	0.104	802	128	460	98.8	145	307
Carbaryl	2.0	N/A	150	N/A	86.1	N/A	126	267
Chlordane	2.4	0.004	180	1.19	103	0.916	1.34	2.84
Chlorpyrifos	0.083	0.041	6.23	12.2	3.57	9.39	5.24	11.1
Chromium (trivalent)	207	27	73794	38013	42284	29270	43026	91029
Chromium (hexavalent)	15.7	10.6	1179	3152	676	2427	993	2100
Copper	4.4	3.3	886	2609	508	2009	746	1579
Cyanide (free)	45.8	10.7	3439	3182	1971	2450	2896	6128
4,4'-DDT	1.1	0.001	82.6	0.297	47.3	0.229	0.336	0.712
Demeton	N/A	0.1	N/A	29.7	N/A	22.9	33.6	71.2
Diazinon	0.17	0.17	12.8	50.6	7.31	38.9	10.7	22.7
Dicofol [Kelthane]	59.3	19.8	4453	5888	2551	4534	3750	7935
Dieldrin	0.24	0.002	18.0	0.595	10.3	0.458	0.673	1.42
Diuron	210	70	15769	20815	9036	16028	13282	28100
Endosulfan I (<i>alpha</i>)	0.22	0.056	16.5	16.7	9.47	12.8	13.9	29.4
Endosulfan II (<i>beta</i>)	0.22	0.056	16.5	16.7	9.47	12.8	13.9	29.4
Endosulfan sulfate	0.22	0.056	16.5	16.7	9.47	12.8	13.9	29.4
Endrin	0.086	0.002	6.46	0.595	3.70	0.458	0.673	1.42
Guthion [Azinphos Methyl]	N/A	0.01	N/A	2.97	N/A	2.29	3.36	7.12
Heptachlor	0.52	0.004	39.0	1.19	22.4	0.916	1.34	2.84
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	1.126	0.08	84.6	23.8	48.4	18.3	26.9	56.9
Lead	16	0.64	6200	957	3552	737	1082	2291
Malathion	N/A	0.01	N/A	2.97	N/A	2.29	3.36	7.12
Mercury	2.4	1.3	180	387	103	298	151	321
Methoxychlor	N/A	0.03	N/A	8.92	N/A	6.87	10.0	21.3
Mirex	N/A	0.001	N/A	0.297	N/A	0.229	0.336	0.712
Nickel	164	18.2	25395	11170	14551	8601	12642	26747
Nonylphenol	28	6.6	2103	1963	1205	1511	1770	3746
Parathion (ethyl)	0.065	0.013	4.88	3.87	2.80	2.98	4.11	8.69
Pentachlorophenol	7.1	5.5	536	1628	307	1253	451	954
Phenanthrene	30	30	2253	8921	1291	6869	1897	4014
Polychlorinated Biphenyls [PCBs]	2.0	0.014	150	4.16	86.1	3.21	4.71	9.96
Selenium	20	5	1502	1487	861	1145	1264	2676
Silver	0.8	N/A	374	N/A	214	N/A	314	666
Toxaphene	0.78	0.0002	58.6	0.0595	33.6	0.0458	0.0673	0.142
Tributyltin [TBT]	0.13	0.024	9.76	7.14	5.59	5.50	8.07	17.0
2,4,5 Trichlorophenol	136	64	10212	19031	5852	14654	8601	18198
Zinc	41	41	9726	38830	5573	29899	8192	17331

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HUMAN HEALTH

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

<i>Parameter</i>	<i>Water and Fish Criterion</i>	<i>Fish Only Criterion (µg/L)</i>	<i>Incidental Fish Criterion</i>	<i>WLAh (µg/L)</i>	<i>LTAh (µg/L)</i>	<i>Daily Avg. (µg/L)</i>	<i>Daily Max. (µg/L)</i>
Acrylonitrile	1.0	115	1150	372	346	507	1074
Aldrin	1.146E-05	1.147E-05	1.147E-04	0.00426	0.00396	0.00582	0.0123
Anthracene	1109	1317	13170	412056	383213	563322	1191790
Antimony	6	1071	10710	2229	2073	3047	6447
Arsenic	10	N/A	N/A	6600	6138	9023	19090
Barium	2000	N/A	N/A	743114	691096	1015910	2149307
Benzene	5	581	5810	1858	1728	2539	5373
Benzidine	0.0015	0.107	1.07	0.557	0.518	0.761	1.61
Benzo(a)anthracene	0.024	0.025	0.25	8.92	8.29	12.1	25.7
Benzo(a)pyrene	0.0025	0.0025	0.025	0.929	0.864	1.26	2.68
Bis(chloromethyl)ether	0.0024	0.2745	2.745	0.892	0.829	1.21	2.57
Bis(2-chloroethyl)ether	0.60	42.83	428.3	223	207	304	644
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	6	7.55	75.5	2229	2073	3047	6447
Bromodichloromethane [Dichlorobromomethane]	10.2	275	2750	3790	3525	5181	10961
Bromoform [Tribromomethane]	66.9	1060	10600	24857	23117	33982	71894
Cadmium	5	N/A	N/A	7717	7177	10549	22319
Carbon Tetrachloride	4.5	46	460	1672	1555	2285	4835
Chlordane	0.0025	0.0025	0.025	0.929	0.864	1.26	2.68
Chlorobenzene	100	2737	27370	37156	34555	50795	107465
Chlorodibromomethane [Dibromochloromethane]	7.5	183	1830	2787	2592	3809	8059
Chloroform [Trichloromethane]	70	7697	76970	26009	24188	35556	75225
Chromium (hexavalent)	62	502	5020	23037	21424	31493	66628
Chrysene	2.45	2.52	25.2	910	847	1244	2632
Cresols [Methylphenols]	1041	9301	93010	386791	359715	528781	1118714
Cyanide (free)	200	N/A	N/A	74311	69110	101591	214930
4,4'-DDD	0.002	0.002	0.02	0.743	0.691	1.01	2.14
4,4'-DDE	0.00013	0.00013	0.0013	0.0483	0.0449	0.0660	0.139
4,4'-DDT	0.0004	0.0004	0.004	0.149	0.138	0.203	0.429
2,4'-D	70	N/A	N/A	26009	24188	35556	75225
Danitol [Fenprothrin]	262	473	4730	97348	90534	133084	281559
1,2-Dibromoethane [Ethylene Dibromide]	0.17	4.24	42.4	63.2	58.7	86.3	182
<i>m</i> -Dichlorobenzene [1,3-Dichlorobenzene]	322	595	5950	119641	111266	163561	346038
<i>o</i> -Dichlorobenzene [1,2-Dichlorobenzene]	600	3299	32990	222934	207329	304773	644792
<i>p</i> -Dichlorobenzene [1,4-Dichlorobenzene]	75	N/A	N/A	27867	25916	38096	80599
3,3'-Dichlorobenzidine	0.79	2.24	22.4	294	273	401	848
1,2-Dichloroethane	5	364	3640	1858	1728	2539	5373
1,1-Dichloroethylene [1,1-Dichloroethene]	7	55114	551140	2601	2419	3555	7522
Dichloromethane [Methylene Chloride]	5	13333	133330	1858	1728	2539	5373
1,2-Dichloropropane	5	259	2590	1858	1728	2539	5373
1,3-Dichloropropene [1,3-Dichloropropylene]	2.8	119	1190	1040	968	1422	3009
Dicofol [Kelthane]	0.30	0.30	3	111	104	152	322
Dieldrin	2.0E-05	2.0E-05	2.0E-04	0.00743	0.00691	0.0101	0.0214
2,4-Dimethylphenol	444	8436	84360	164971	153423	225532	477146
Di- <i>n</i> -Butyl Phthalate	88.9	92.4	924	33031	30719	45157	95536
Dioxins/Furans [TCDD Equivalents]	7.80E-08	7.97E-08	7.97E-07	0.0000290	0.0000270	0.0000396	0.0000838
Endrin	0.02	0.02	0.2	7.43	6.91	10.1	21.4
Epichlorohydrin	53.5	2013	20130	19878	18487	27175	57493
Ethylbenzene	700	1867	18670	260090	241883	355568	752257
Ethylene Glycol	46744	1.68E+07	1.68E+08	17368051	16152287	23743862	50233614
Fluoride	4000	N/A	N/A	1486227	1382191	2031821	4298614
Heptachlor	8.0E-05	0.0001	0.001	0.0297	0.0276	0.0406	0.0859
Heptachlor Epoxide	0.00029	0.00029	0.0029	0.108	0.100	0.147	0.311
Hexachlorobenzene	0.00068	0.00068	0.0068	0.253	0.235	0.345	0.730
Hexachlorobutadiene	0.21	0.22	2.2	78.0	72.6	106	225

STATEMENT OF BASIS / TECHNICAL SUMMARY AND
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<i>Parameter</i>	<i>Water and Fish Criterion</i>	<i>Fish Only Criterion (µg/L)</i>	<i>Incidental Fish Criterion</i>	<i>WLAh (µg/L)</i>	<i>LTAh (µg/L)</i>	<i>Daily Avg. (µg/L)</i>	<i>Daily Max. (µg/L)</i>
Hexachlorocyclohexane (<i>alpha</i>)	0.0078	0.0084	0.084	2.90	2.70	3.96	8.38
Hexachlorocyclohexane (<i>beta</i>)	0.15	0.26	2.6	55.7	51.8	76.1	161
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	0.2	0.341	3.41	74.3	69.1	101	214
Hexachlorocyclopentadiene	10.7	11.6	116	3976	3697	5435	11498
Hexachloroethane	1.84	2.33	23.3	684	636	934	1977
Hexachlorophene	2.05	2.90	29	762	708	1041	2203
4,4'-Isopropylidenediphenol	1092	15982	159820	405740	377338	554687	1173521
Lead	1.15	3.83	38.3	2151	2000	2940	6220
Mercury	0.0122	0.0122	0.122	4.53	4.22	6.19	13.1
Methoxychlor	2.92	3.0	30	1085	1009	1483	3137
Methyl Ethyl Ketone	13865	9.92E+05	9.92E+06	5151635	4791021	7042800	14900074
Methyl <i>tert</i> -butyl ether [MTBE]	15	10482	104820	5573	5183	7619	16119
Nickel	332	1140	11400	253904	236131	347112	734367
Nitrate-Nitrogen (as Total Nitrogen)	10000	N/A	N/A	3715568	3455478	5079553	10746537
Nitrobenzene	45.7	1873	18730	16980	15792	23213	49111
N-Nitrosodiethylamine	0.0037	2.1	21	1.37	1.28	1.87	3.97
N-Nitroso-di- <i>n</i> -Butylamine	0.119	4.2	42	44.2	41.1	60.4	127
Pentachlorobenzene	0.348	0.355	3.55	129	120	176	373
Pentachlorophenol	0.22	0.29	2.9	81.7	76.0	111	236
Polychlorinated Biphenyls [PCBs]	6.4E-04	6.4E-04	6.40E-03	0.238	0.221	0.325	0.687
Pyridine	23	947	9470	8546	7948	11682	24717
Selenium	50	N/A	N/A	18578	17277	25397	53732
1,2,4,5-Tetrachlorobenzene	0.23	0.24	2.4	85.5	79.5	116	247
1,1,2,2-Tetrachloroethane	1.64	26.35	263.5	609	567	833	1762
Tetrachloroethylene [Tetrachloroethylene]	5	280	2800	1858	1728	2539	5373
Thallium	0.12	0.23	2.3	44.6	41.5	60.9	128
Toluene	1000	N/A	N/A	371557	345548	507955	1074653
Toxaphene	0.011	0.011	0.11	4.09	3.80	5.58	11.8
2,4,5-TP [Silvex]	50	369	3690	18578	17277	25397	53732
1,1,1-Trichloroethane	200	784354	7843540	74311	69110	101591	214930
1,1,2-Trichloroethane	5	166	1660	1858	1728	2539	5373
Trichloroethylene [Trichloroethene]	5	71.9	719	1858	1728	2539	5373
2,4,5-Trichlorophenol	1039	1867	18670	386048	359024	527765	1116565
TTHM [Sum of Total Trihalomethanes]	80	N/A	N/A	29725	27644	40636	85972
Vinyl Chloride	0.23	16.5	165	85.5	79.5	116	247

STATEMENT OF BASIS / TECHNICAL SUMMARY AND
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TPDES Permit No. WQ0004845000

Aquatic Life	70% of	85% of
Parameter	Daily Avg.	Daily Avg.
	(µg/L)	(µg/L)
Aldrin	132	161
Aluminum	43876	53278
Arsenic	26741	32471
Cadmium	101	123
Carbaryl	88.5	107
Chlordane	0.942	1.14
Chlorpyrifos	3.67	4.46
Chromium (trivalent)	30118	36572
Chromium (hexavalent)	695	844
Copper	522	634
Cyanide (free)	2027	2462
4,4'-DDT	0.235	0.286
Demeton	23.5	28.6
Diazinon	7.52	9.13
Dicofol [Kelthane]	2625	3188
Dieldrin	0.471	0.572
Diuron	9297	11290
Endosulfan I (<i>alpha</i>)	9.74	11.8
Endosulfan II (<i>beta</i>)	9.74	11.8
Endosulfan sulfate	9.74	11.8
Endrin	0.471	0.572
Guthion [Azinphos Methyl]	2.35	2.86
Heptachlor	0.942	1.14
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	18.8	22.8
Lead	758	920
Malathion	2.35	2.86
Mercury	106	129
Methoxychlor	7.06	8.58
Mirex	0.235	0.286
Nickel	8850	10746
Nonylphenol	1239	1505
Parathion (ethyl)	2.87	3.49
Pentachlorophenol	315	383
Phenanthrene	1328	1612
Polychlorinated Biphenyls [PCBs]	3.29	4.00
Selenium	885	1075
Silver	220	267
Toxaphene	0.0471	0.0572
Tributyltin [TBT]	5.65	6.86
2,4,5 Trichlorophenol	6021	7311
Zinc	5734	6963

STATEMENT OF BASIS / TECHNICAL SUMMARY AND
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TPDES Permit No. WQ0004845000

Human Health	70% of Daily Avg.	85% of Daily Avg.
Parameter	(µg/L)	(µg/L)
Acrylonitrile	355	431
Aldrin	0.00407	0.00494
Anthracene	394325	478824
Antimony	2133	2590
Arsenic	6316	7669
Barium	711137	863524
Benzene	1777	2158
Benzidine	0.533	0.647
Benzo(a)anthracene	8.53	10.3
Benzo(a)pyrene	0.888	1.07
Bis(chloromethyl)ether	0.853	1.03
Bis(2-chloroethyl)ether	213	259
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	2133	2590
Bromodichloromethane [Dichlorobromomethane]	3626	4403
Bromoform [Tribromomethane]	23787	28884
Cadmium	7384	8967
Carbon Tetrachloride	1600	1942
Chlordane	0.888	1.07
Chlorobenzene	35556	43176
Chlorodibromomethane [Dibromochloromethane]	2666	3238
Chloroform [Trichloromethane]	24889	30223
Chromium (hexavalent)	22045	26769
Chrysene	871	1057
Cresols [Methylphenols]	370147	449464
Cyanide (free)	71113	86352
4,4'-DDD	0.711	0.863
4,4'-DDE	0.0462	0.0561
4,4'-DDT	0.142	0.172
2,4'-D	24889	30223
Danitol [Fenpropathrin]	93159	113121
1,2-Dibromoethane [Ethylene Dibromide]	60.4	73.3
<i>m</i> -Dichlorobenzene [1,3-Dichlorobenzene]	114493	139027
<i>o</i> -Dichlorobenzene [1,2-Dichlorobenzene]	213341	259057
<i>p</i> -Dichlorobenzene [1,4-Dichlorobenzene]	26667	32382
3,3'-Dichlorobenzidine	280	341
1,2-Dichloroethane	1777	2158
1,1-Dichloroethylene [1,1-Dichloroethene]	2488	3022
Dichloromethane [Methylene Chloride]	1777	2158
1,2-Dichloropropane	1777	2158
1,3-Dichloropropene [1,3-Dichloropropylene]	995	1208
Dicofol [Kelthane]	106	129
Dieldrin	0.00711	0.00863
2,4-Dimethylphenol	157872	191702
Di- <i>n</i> -Butyl Phthalate	31610	38383
Dioxins/Furans [TCDD Equivalents]	0.0000277	0.0000336
Endrin	7.11	8.63
Epichlorohydrin	19022	23099
Ethylbenzene	248898	302233
Ethylene Glycol	16620703	20182283
Fluoride	1422274	1727048
Heptachlor	0.0284	0.0345
Heptachlor Epoxide	0.103	0.125
Hexachlorobenzene	0.241	0.293
Hexachlorobutadiene	74.6	90.6

STATEMENT OF BASIS / TECHNICAL SUMMARY AND
EXECUTIVE DIRECTOR'S PRELIMINARY DECISION
TPDES Permit No. WQ0004845000

Human Health	70% of Daily Avg.	85% of Daily Avg.
Parameter	(µg/L)	(µg/L)
Hexachlorocyclohexane (<i>alpha</i>)	2.77	3.36
Hexachlorocyclohexane (<i>beta</i>)	53.3	64.7
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	71.1	86.3
Hexachlorocyclopentadiene	3804	4619
Hexachloroethane	654	794
Hexachlorophene	728	885
4,4'-Isopropylidenediphenol	388281	471484
Lead	2058	2499
Mercury	4.33	5.26
Methoxychlor	1038	1260
Methyl Ethyl Ketone	4929960	5986380
Methyl <i>tert</i> -butyl ether [MTBE]	5333	6476
Nickel	242978	295045
Nitrate-Nitrogen (as Total Nitrogen)	3555687	4317620
Nitrobenzene	16249	19731
N-Nitrosodiethylamine	1.31	1.59
N-Nitroso-di- <i>n</i> -Butylamine	42.3	51.3
Pentachlorobenzene	123	150
Pentachlorophenol	78.2	94.9
Polychlorinated Biphenyls [PCBs]	0.227	0.276
Pyridine	8178	9930
Selenium	17778	21588
1,2,4,5-Tetrachlorobenzene	81.7	99.3
1,1,2,2-Tetrachloroethane	583	708
Tetrachloroethylene [Tetrachloroethylene]	1777	2158
Thallium	42.6	51.8
Toluene	355568	431762
Toxaphene	3.91	4.74
2,4,5-TP [Silvex]	17778	21588
1,1,1-Trichloroethane	71113	86352
1,1,2-Trichloroethane	1777	2158
Trichloroethylene [Trichloroethene]	1777	2158
2,4,5-Trichlorophenol	369435	448600
TTHM [Sum of Total Trihalomethanes]	28445	34540
Vinyl Chloride	81.7	99.3

**STATEMENT OF BASIS / TECHNICAL SUMMARY AND
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TPDES Permit No. WQ0004845000**

TEXTOX MENU #3 - PERENNIAL STREAM OR RIVER

The water quality-based effluent limitations developed below are calculated using:

Table 1, 2014 Texas Surface Water Quality Standards (30 TAC 307) for Freshwater Aquatic Life

Table 2, 2018 Texas Surface Water Quality Standards for Human Health

"Procedures to Implement the Texas Surface Water Quality Standards," TCEQ, June 2010

PERMIT INFORMATION

Permittee Name:	Sabine River Authority of Texas and SRA State of LA
TPDES Permit No.:	WQ0004845000
Outfall No.:	002
Prepared by:	Thomas Starr
Date:	August 21, 2025

DISCHARGE INFORMATION

Receiving Waterbody:	Toledo Bend Reservoir tailrace
Segment No.:	0503
TSS (mg/L):	6
pH (Standard Units):	6.8
Hardness (mg/L as CaCO ₃):	29
Chloride (mg/L):	16
Effluent Flow for Aquatic Life (MGD):	0.41
Critical Low Flow [7Q2] (cfs):	188
% Effluent for Chronic Aquatic Life (Mixing Zone):	0.34
% Effluent for Acute Aquatic Life (ZID):	1.33
Effluent Flow for Human Health (MGD):	0.05
Harmonic Mean Flow (cfs):	172
% Effluent for Human Health:	0.04
Human Health Criterion (select: PWS, FISH, or INC)	PWS

CALCULATE DISSOLVED FRACTION (AND ENTER WATER EFFECT RATIO IF APPLICABLE):

<i>Stream/River Metal</i>	<i>Intercept (b)</i>	<i>Slope (m)</i>	<i>Partition Coefficient (Kp)</i>	<i>Dissolved Fraction (Cd/Ct)</i>	<i>Source</i>	<i>Water Effect Ratio (WER)</i>	<i>Source</i>
Aluminum	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Arsenic	5.68	-0.73	129404.56	0.563		1.00	Assumed
Cadmium	6.60	-1.13	525640.82	0.241		1.00	Assumed
Chromium (total)	6.52	-0.93	625632.55	0.210		1.00	Assumed
Chromium (trivalent)	6.52	-0.93	625632.55	0.210		1.00	Assumed
Chromium (hexavalent)	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Copper	6.02	-0.74	278078.92	0.375		1.00	Assumed
Lead	6.45	-0.80	672169.81	0.199		1.00	Assumed
Mercury	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Nickel	5.69	-0.57	176381.81	0.486		1.00	Assumed
Selenium	N/A	N/A	N/A	1.00	Assumed	1.00	Assumed
Silver	6.38	-1.03	378882.21	0.306		1.00	Assumed
Zinc	6.10	-0.70	359165.10	0.317		1.00	Assumed

STATEMENT OF BASIS / TECHNICAL SUMMARY AND
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TPDES Permit No. WQ0004845000

AQUATIC LIFE

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

<i>Parameter</i>	<i>FW Acute Criterion (µg/L)</i>	<i>Chronic Criterion (µg/L)</i>	<i>WLAa (µg/L)</i>	<i>WLAc (µg/L)</i>	<i>LTAa (µg/L)</i>	<i>LTAc (µg/L)</i>	<i>Daily Avg. (µg/L)</i>	<i>Daily Max. (µg/L)</i>
Aldrin	3.0	N/A	225	N/A	129	N/A	189	401
Aluminum	991	N/A	74415	N/A	42640	N/A	62680	132608
Arsenic	340	150	45353	79236	25988	61012	38201	80821
Cadmium	2.6	0.104	802	128	460	98.8	145	307
Carbaryl	2.0	N/A	150	N/A	86.1	N/A	126	267
Chlordane	2.4	0.004	180	1.19	103	0.916	1.34	2.84
Chlorpyrifos	0.083	0.041	6.23	12.2	3.57	9.39	5.24	11.1
Chromium (trivalent)	207	27	73794	38013	42284	29270	43026	91029
Chromium (hexavalent)	15.7	10.6	1179	3152	676	2427	993	2100
Copper	4.4	3.3	886	2609	508	2009	746	1579
Cyanide (free)	45.8	10.7	3439	3182	1971	2450	2896	6128
4,4'-DDT	1.1	0.001	82.6	0.297	47.3	0.229	0.336	0.712
Demeton	N/A	0.1	N/A	29.7	N/A	22.9	33.6	71.2
Diazinon	0.17	0.17	12.8	50.6	7.31	38.9	10.7	22.7
Dicofol [Kelthane]	59.3	19.8	4453	5888	2551	4534	3750	7935
Dieldrin	0.24	0.002	18.0	0.595	10.3	0.458	0.673	1.42
Diuron	210	70	15769	20815	9036	16028	13282	28100
Endosulfan I (<i>alpha</i>)	0.22	0.056	16.5	16.7	9.47	12.8	13.9	29.4
Endosulfan II (<i>beta</i>)	0.22	0.056	16.5	16.7	9.47	12.8	13.9	29.4
Endosulfan sulfate	0.22	0.056	16.5	16.7	9.47	12.8	13.9	29.4
Endrin	0.086	0.002	6.46	0.595	3.70	0.458	0.673	1.42
Guthion [Azinphos Methyl]	N/A	0.01	N/A	2.97	N/A	2.29	3.36	7.12
Heptachlor	0.52	0.004	39.0	1.19	22.4	0.916	1.34	2.84
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	1.126	0.08	84.6	23.8	48.4	18.3	26.9	56.9
Lead	16	0.64	6200	957	3552	737	1082	2291
Malathion	N/A	0.01	N/A	2.97	N/A	2.29	3.36	7.12
Mercury	2.4	1.3	180	387	103	298	151	321
Methoxychlor	N/A	0.03	N/A	8.92	N/A	6.87	10.0	21.3
Mirex	N/A	0.001	N/A	0.297	N/A	0.229	0.336	0.712
Nickel	164	18.2	25395	11170	14551	8601	12642	26747
Nonylphenol	28	6.6	2103	1963	1205	1511	1770	3746
Parathion (ethyl)	0.065	0.013	4.88	3.87	2.80	2.98	4.11	8.69
Pentachlorophenol	7.1	5.5	536	1628	307	1253	451	954
Phenanthrene	30	30	2253	8921	1291	6869	1897	4014
Polychlorinated Biphenyls [PCBs]	2.0	0.014	150	4.16	86.1	3.21	4.71	9.96
Selenium	20	5	1502	1487	861	1145	1264	2676
Silver	0.8	N/A	374	N/A	214	N/A	314	666
Toxaphene	0.78	0.0002	58.6	0.0595	33.6	0.0458	0.0673	0.142
Tributyltin [TBT]	0.13	0.024	9.76	7.14	5.59	5.50	8.07	17.0
2,4,5 Trichlorophenol	136	64	10212	19031	5852	14654	8601	18198
Zinc	41	41	9726	38830	5573	29899	8192	17331

STATEMENT OF BASIS / TECHNICAL SUMMARY AND
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TPDES Permit No. WQ0004845000

HUMAN HEALTH

CALCULATE DAILY AVERAGE AND DAILY MAXIMUM EFFLUENT LIMITATIONS:

<i>Parameter</i>	<i>Water and Fish Criterion</i>	<i>Fish Only Criterion (µg/L)</i>	<i>Incidental Fish Criterion</i>	<i>WLAh (µg/L)</i>	<i>LTAh (µg/L)</i>	<i>Daily Avg. (µg/L)</i>	<i>Daily Max. (µg/L)</i>
Acrylonitrile	1.0	115	1150	2224	2069	3040	6433
Aldrin	1.146E-05	1.147E-05	1.147E-04	0.0255	0.0237	0.0348	0.0737
Anthracene	1109	1317	13170	2466794	2294118	3372354	7134708
Antimony	6	1071	10710	13346	12412	18245	38600
Arsenic	10	N/A	N/A	39514	36748	54019	114285
Barium	2000	N/A	N/A	4448682	4137274	6081792	12866921
Benzene	5	581	5810	11122	10343	15204	32167
Benzidine	0.0015	0.107	1.07	3.34	3.10	4.56	9.65
Benzo(a)anthracene	0.024	0.025	0.25	53.4	49.6	72.9	154
Benzo(a)pyrene	0.0025	0.0025	0.025	5.56	5.17	7.60	16.0
Bis(chloromethyl)ether	0.0024	0.2745	2.745	5.34	4.96	7.29	15.4
Bis(2-chloroethyl)ether	0.60	42.83	428.3	1335	1241	1824	3860
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	6	7.55	75.5	13346	12412	18245	38600
Bromodichloromethane [Dichlorobromomethane]	10.2	275	2750	22688	21100	31017	65621
Bromoform [Tribromomethane]	66.9	1060	10600	148808	138392	203435	430398
Cadmium	5	N/A	N/A	46198	42964	63157	133617
Carbon Tetrachloride	4.5	46	460	10010	9309	13684	28950
Chlordane	0.0025	0.0025	0.025	5.56	5.17	7.60	16.0
Chlorobenzene	100	2737	27370	222434	206864	304089	643346
Chlorodibromomethane [Dibromochloromethane]	7.5	183	1830	16683	15515	22806	48250
Chloroform [Trichloromethane]	70	7697	76970	155704	144805	212862	450342
Chromium (hexavalent)	62	502	5020	137909	128255	188535	398874
Chrysene	2.45	2.52	25.2	5450	5068	7450	15761
Cresols [Methylphenols]	1041	9301	93010	2315539	2153451	3165573	6697232
Cyanide (free)	200	N/A	N/A	444868	413727	608179	1286692
4,4'-DDD	0.002	0.002	0.02	4.45	4.14	6.08	12.8
4,4'-DDE	0.00013	0.00013	0.0013	0.289	0.269	0.395	0.836
4,4'-DDT	0.0004	0.0004	0.004	0.890	0.827	1.21	2.57
2,4'-D	70	N/A	N/A	155704	144805	212862	450342
Danitol [Fenpropathrin]	262	473	4730	582777	541983	796714	1685566
1,2-Dibromoethane [Ethylene Dibromide]	0.17	4.24	42.4	378	352	516	1093
<i>m</i> -Dichlorobenzene [1,3-Dichlorobenzene]	322	595	5950	716238	666101	979168	2071574
<i>o</i> -Dichlorobenzene [1,2-Dichlorobenzene]	600	3299	32990	1334604	1241182	1824537	3860076
<i>p</i> -Dichlorobenzene [1,4-Dichlorobenzene]	75	N/A	N/A	166826	155148	228067	482509
3,3'-Dichlorobenzidine	0.79	2.24	22.4	1757	1634	2402	5082
1,2-Dichloroethane	5	364	3640	11122	10343	15204	32167
1,1-Dichloroethylene [1,1-Dichloroethene]	7	55114	551140	15570	14480	21286	45034
Dichloromethane [Methylene Chloride]	5	13333	133330	11122	10343	15204	32167
1,2-Dichloropropane	5	259	2590	11122	10343	15204	32167
1,3-Dichloropropene [1,3-Dichloropropylene]	2.8	119	1190	6228	5792	8514	18013
Dicofol [Kelthane]	0.30	0.30	3	667	621	912	1930
Dieldrin	2.0E-05	2.0E-05	2.0E-04	0.0445	0.0414	0.0608	0.128
2,4-Dimethylphenol	444	8436	84360	987607	918475	1350157	2856456
Di- <i>n</i> -Butyl Phthalate	88.9	92.4	924	197744	183902	270335	571934
Dioxins/Furans [TCDD Equivalents]	7.80E-08	7.97E-08	7.97E-07	0.000173	0.000161	0.000237	0.000501
Endrin	0.02	0.02	0.2	44.5	41.4	60.8	128
Epichlorohydrin	53.5	2013	20130	119002	110672	162687	344190
Ethylbenzene	700	1867	18670	1557039	1448046	2128627	4503422
Ethylene Glycol	46744	1.68E+07	1.68E+08	103974586	96696365	142143657	300725696
Fluoride	4000	N/A	N/A	8897363	8274548	12163585	25733843
Heptachlor	8.0E-05	0.0001	0.001	0.178	0.165	0.243	0.514
Heptachlor Epoxide	0.00029	0.00029	0.0029	0.645	0.600	0.881	1.86
Hexachlorobenzene	0.00068	0.00068	0.0068	1.51	1.41	2.06	4.37
Hexachlorobutadiene	0.21	0.22	2.2	467	434	638	1351

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<i>Parameter</i>	<i>Water and Fish Criterion</i>	<i>Fish Only Criterion (µg/L)</i>	<i>Incidental Fish Criterion</i>	<i>WLAh (µg/L)</i>	<i>LTAh (µg/L)</i>	<i>Daily Avg. (µg/L)</i>	<i>Daily Max. (µg/L)</i>
Hexachlorocyclohexane (<i>alpha</i>)	0.0078	0.0084	0.084	17.3	16.1	23.7	50.1
Hexachlorocyclohexane (<i>beta</i>)	0.15	0.26	2.6	334	310	456	965
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	0.2	0.341	3.41	445	414	608	1286
Hexachlorocyclopentadiene	10.7	11.6	116	23800	22134	32537	68838
Hexachloroethane	1.84	2.33	23.3	4093	3806	5595	11837
Hexachlorophene	2.05	2.90	29	4560	4241	6233	13188
4,4'-Isopropylidenediphenol	1092	15982	159820	2428980	2258952	3320658	7025339
Lead	1.15	3.83	38.3	12874	11973	17600	37236
Mercury	0.0122	0.0122	0.122	27.1	25.2	37.0	78.4
Methoxychlor	2.92	3.0	30	6495	6040	8879	18785
Methyl Ethyl Ketone	13865	9.92E+05	9.92E+06	30840485	28681651	42162027	89199935
Methyl <i>tert</i> -butyl ether [MTBE]	15	10482	104820	33365	31030	45613	96501
Nickel	332	1140	11400	1520009	1413608	2078004	4396321
Nitrate-Nitrogen (as Total Nitrogen)	10000	N/A	N/A	22243408	20686369	30408963	64334608
Nitrobenzene	45.7	1873	18730	101652	94537	138968	294009
N-Nitrosodiethylamine	0.0037	2.1	21	8.23	7.65	11.2	23.8
N-Nitroso-di- <i>n</i> -Butylamine	0.119	4.2	42	265	246	361	765
Pentachlorobenzene	0.348	0.355	3.55	774	720	1058	2238
Pentachlorophenol	0.22	0.29	2.9	489	455	668	1415
Polychlorinated Biphenyls [PCBs]	6.4E-04	6.4E-04	6.40E-03	1.42	1.32	1.94	4.11
Pyridine	23	947	9470	51160	47579	69940	147969
Selenium	50	N/A	N/A	111217	103432	152044	321673
1,2,4,5-Tetrachlorobenzene	0.23	0.24	2.4	512	476	699	1479
1,1,2,2-Tetrachloroethane	1.64	26.35	263.5	3648	3393	4987	10550
Tetrachloroethylene [Tetrachloroethylene]	5	280	2800	11122	10343	15204	32167
Thallium	0.12	0.23	2.3	267	248	364	772
Toluene	1000	N/A	N/A	2224341	2068637	3040896	6433460
Toxaphene	0.011	0.011	0.11	24.5	22.8	33.4	70.7
2,4,5-TP [Silvex]	50	369	3690	111217	103432	152044	321673
1,1,1-Trichloroethane	200	784354	7843540	444868	413727	608179	1286692
1,1,2-Trichloroethane	5	166	1660	11122	10343	15204	32167
Trichloroethylene [Trichloroethene]	5	71.9	719	11122	10343	15204	32167
2,4,5-Trichlorophenol	1039	1867	18670	2311090	2149314	3159491	6684365
TTHM [Sum of Total Trihalomethanes]	80	N/A	N/A	177947	165491	243271	514676
Vinyl Chloride	0.23	16.5	165	512	476	699	1479

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Aquatic Life	70% of	85% of
Parameter	Daily Avg.	Daily Avg.
	(µg/L)	(µg/L)
Aldrin	132	161
Aluminum	43876	53278
Arsenic	26741	32471
Cadmium	101	123
Carbaryl	88.5	107
Chlordane	0.942	1.14
Chlorpyrifos	3.67	4.46
Chromium (trivalent)	30118	36572
Chromium (hexavalent)	695	844
Copper	522	634
Cyanide (free)	2027	2462
4,4'-DDT	0.235	0.286
Demeton	23.5	28.6
Diazinon	7.52	9.13
Dicofol [Kelthane]	2625	3188
Dieldrin	0.471	0.572
Diuron	9297	11290
Endosulfan I (<i>alpha</i>)	9.74	11.8
Endosulfan II (<i>beta</i>)	9.74	11.8
Endosulfan sulfate	9.74	11.8
Endrin	0.471	0.572
Guthion [Azinphos Methyl]	2.35	2.86
Heptachlor	0.942	1.14
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	18.8	22.8
Lead	758	920
Malathion	2.35	2.86
Mercury	106	129
Methoxychlor	7.06	8.58
Mirex	0.235	0.286
Nickel	8850	10746
Nonylphenol	1239	1505
Parathion (ethyl)	2.87	3.49
Pentachlorophenol	315	383
Phenanthrene	1328	1612
Polychlorinated Biphenyls [PCBs]	3.29	4.00
Selenium	885	1075
Silver	220	267
Toxaphene	0.0471	0.0572
Tributyltin [TBT]	5.65	6.86
2,4,5 Trichlorophenol	6021	7311
Zinc	5734	6963

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Human Health	70% of Daily Avg.	85% of Daily Avg.
Parameter	(µg/L)	(µg/L)
Acrylonitrile	2128	2584
Aldrin	0.0243	0.0296
Anthracene	2360647	2866500
Antimony	12771	15508
Arsenic	37813	45916
Barium	4257254	5169523
Benzene	10643	12923
Benzidine	3.19	3.87
Benzo(a)anthracene	51.0	62.0
Benzo(a)pyrene	5.32	6.46
Bis(chloromethyl)ether	5.10	6.20
Bis(2-chloroethyl)ether	1277	1550
Bis(2-ethylhexyl) phthalate [Di(2-ethylhexyl) phthalate]	12771	15508
Bromodichloromethane [Dichlorobromomethane]	21711	26364
Bromoform [Tribromomethane]	142405	172920
Cadmium	44209	53683
Carbon Tetrachloride	9578	11631
Chlordane	5.32	6.46
Chlorobenzene	212862	258476
Chlorodibromomethane [Dibromochloromethane]	15964	19385
Chloroform [Trichloromethane]	149003	180933
Chromium (hexavalent)	131974	160255
Chrysene	5215	6332
Cresols [Methylphenols]	2215901	2690737
Cyanide (free)	425725	516952
4,4'-DDD	4.25	5.16
4,4'-DDE	0.276	0.336
4,4'-DDT	0.851	1.03
2,4'-D	149003	180933
Danitol [Fenprothrin]	557700	677207
1,2-Dibromoethane [Ethylene Dibromide]	361	439
<i>m</i> -Dichlorobenzene [1,3-Dichlorobenzene]	685418	832293
<i>o</i> -Dichlorobenzene [1,2-Dichlorobenzene]	1277176	1550857
<i>p</i> -Dichlorobenzene [1,4-Dichlorobenzene]	159647	193857
3,3'-Dichlorobenzidine	1681	2041
1,2-Dichloroethane	10643	12923
1,1-Dichloroethylene [1,1-Dichloroethene]	14900	18093
Dichloromethane [Methylene Chloride]	10643	12923
1,2-Dichloropropane	10643	12923
1,3-Dichloropropene [1,3-Dichloropropylene]	5960	7237
Dicofol [Kelthane]	638	775
Dieldrin	0.0425	0.0516
2,4-Dimethylphenol	945110	1147634
Di- <i>n</i> -Butyl Phthalate	189234	229785
Dioxins/Furans [TCDD Equivalents]	0.000166	0.000201
Endrin	42.5	51.6
Epichlorohydrin	113881	138284
Ethylbenzene	1490039	1809333
Ethylene Glycol	99500559	120822108
Fluoride	8514509	10339047
Heptachlor	0.170	0.206
Heptachlor Epoxide	0.617	0.749
Hexachlorobenzene	1.44	1.75
Hexachlorobutadiene	447	542

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Human Health	70% of Daily Avg.	85% of Daily Avg.
Parameter	(µg/L)	(µg/L)
Hexachlorocyclohexane (<i>alpha</i>)	16.6	20.1
Hexachlorocyclohexane (<i>beta</i>)	319	387
Hexachlorocyclohexane (<i>gamma</i>) [Lindane]	425	516
Hexachlorocyclopentadiene	22776	27656
Hexachloroethane	3916	4755
Hexachlorophene	4363	5298
4,4'-Isopropylidenediphenol	2324461	2822559
Lead	12320	14960
Mercury	25.9	31.5
Methoxychlor	6215	7547
Methyl Ethyl Ketone	29513419	35837723
Methyl <i>tert</i> -butyl ether [MTBE]	31929	38771
Nickel	1454602	1766303
Nitrate-Nitrogen (as Total Nitrogen)	21286274	25847618
Nitrobenzene	97278	118123
N-Nitrosodiethylamine	7.87	9.56
N-Nitroso-di- <i>n</i> -Butylamine	253	307
Pentachlorobenzene	740	899
Pentachlorophenol	468	568
Polychlorinated Biphenyls [PCBs]	1.36	1.65
Pyridine	48958	59449
Selenium	106431	129238
1,2,4,5-Tetrachlorobenzene	489	594
1,1,2,2-Tetrachloroethane	3490	4239
Tetrachloroethylene [Tetrachloroethylene]	10643	12923
Thallium	255	310
Toluene	2128627	2584761
Toxaphene	23.4	28.4
2,4,5-TP [Silvex]	106431	129238
1,1,1-Trichloroethane	425725	516952
1,1,2-Trichloroethane	10643	12923
Trichloroethylene [Trichloroethene]	10643	12923
2,4,5-Trichlorophenol	2211643	2685567
TTHM [Sum of Total Trihalomethanes]	170290	206780
Vinyl Chloride	489	594

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Appendix B
Comparison of Effluent Limits

The following table is a summary of technology-based effluent limitations calculated/assessed in the draft permit (Technology-Based), calculated/assessed water quality-based effluent limitations (Water Quality-Based), and effluent limitations in the existing permit (Existing Permit). Effluent limitations appearing in bold are the most stringent of the three and are included in the draft permit.

Outfall	Pollutant	Technology-Based		Water Quality-Based		Existing Permit	
		Daily Avg	Daily Max	Daily Avg	Daily Max	Daily Avg	Daily Max
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
001	Flow	Report, MGD	1.2 MGD	-	-	Report, MGD	1.2 MGD
	Temperature	-	-	Report, °F	Report, °F	Report, °F	Report, °F
002	Flow	Report, MGD	Report, MGD	-	-	Report, MGD	Report, MGD
	TSS	30	100	-	-	30	100
	Oil and Grease	15	20	-	-	15	20
	Total Copper	-	-	-	-	Report	Report
	pH	6.0 SU, minimum	9.0 SU	6.0 SU, minimum	9.0 SU	6.0 SU, minimum	9.0 SU
003	Flow	Report, MGD	Report, MGD	-	-	Report, MGD	Report, MGD
	Total Organic Carbon	-	55	-	-	N/A	55
	Oil and Grease	-	20	-	-	N/A	20
	pH	6.0 SU, minimum	9.0 SU	6.0 SU, minimum	9.0 SU	6.0 SU, minimum	9.0 SU
004	Flow	Report, MGD	Report, MGD	-	-	-	-
	Total Organic Carbon	-	55	-	-	-	-
	Oil and Grease	-	20	-	-	-	-
	pH	6.0 SU, minimum	9.0 SU	6.0 SU, minimum	9.0 SU	-	-