

Administrative Package Cover Page

This file contains the following documents:

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

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

This template is a guide to assist applicant's in developing a plain language summary as required by 30 Texas Administrative Code Chapter 39 Subchapter H. Applicant's may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

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

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

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

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

<u>Maverick County Water Control and Improvement District No.1</u> (CN600668438) operates Eagle Pass Power Station RN102096773. an industrial wastewater treatment facility. The facility is located 264 Power Plant Road, in Eagle Pass, Maverick County, Texas 78852. Request for renewal of permit authorizing the discharge of 116,000 GPD of treated industrial wastewater.

Discharges from the facility are expected to contain oil and grease. Industrial wastewater is treated by a drain system to capture leaking water from the turbine shafts and equipment inside the plant. The drain system terminates in a common oil/water separator and sump. Oil is skimmed off the surface of the sump and is disposed of. Wastewater from the sump is monitored prior to discharge via external Outfall 001..

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

AGUAS RESIDUALES INDUSTRIALES/AGUAS PLUVIALES

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0004149000

APPLICATION. Mayerick County Water Control and Improvement District No. 1, 1622 Maverick Industrial Park Road, Eagle Pass, Texas 78852, which owns a hydroelectric power generation plant, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WO0004149000 (EPA I.D. No. TX0119580) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 116,000 gallons per day. The facility is located at 264 Power Plant Road, near the city of Eagle Pass, in Maverick County, Texas 78852. The discharge route is from the plant site to the Maverick County Canal; thence to Rio Grande Below Amistad Reservoir. TCEQ received this application on July 15, 2024. The permit application will be available for viewing and copying at Eagle Pass Public Library, 589 East Main Street, Eagle Pass, in Maverick County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pendingpermits/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=-100.5525,28.829722&level=18

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. Notice of the Application and Preliminary Decision will be published and mailed to those who are on the countywide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.

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

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a

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

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

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

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

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

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

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

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at https://www14.tceq.texas.gov/epic/eComment/, or in

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

Further information may also be obtained from Maverick County Water Control and Improvement District No. 1 at the address stated above or by calling Ms. Brenda McCalip, General Manager, at 830-773-5129.

Issuance Date: August 15, 2024

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

TCEQ INDUSTRIAL WASTEWATER PERMIT APPLICATION

INDUSTRIAL ADMINISTRATIVE REPORT 1.0

This report is required for all applications for TPDES permits and TLAPs. Contact the Applications Review and Processing Team at 512-239-4671 with any questions about completing this report

Ite	em 1. Application Info	rmation ar	nd Fees (Instructi	ons, Page 25)			
a.	Complete each field with the Applicant Name: Maverick CTX0119580				1 EPA ID No.:		
	Permit No.: <u>WQ0004149000</u>	Expirat	ion Date: <u>1/10/2025</u>				
b.	☑ Industrial Wastewater (wa	astewater and	d stormwater)				
	☐ Industrial Stormwater (st	ormwater on	ly)		v*		
c.	Check the box next to the ap ☑ Active □	propriate fa Inactive	cility status.				
d.	Check the box next to the ap ☑ TPDES Permit □	propriate pe TLAP	ermit type.				
e.	Check the box next to the ap	propriate ap	pplication type.	a			
	☐ Renewal with changes						
	☐ Major amendment with re	newal	☐ Major ame	ndment without re	enewal		
	☐ Minor amendment withou	t renewal	☐ Minor mod	ification without	renewal		
f.	If applying for an amendmen	nt or modific	ation, describe the re	equest: Click to en	ter text.		
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 1	\$2,050	\$2,015	□ \$450		
	TCEQ Use Only						
seg Exp	ment Number iration Date	Cou	inty ion				
AT	I facilities are designated as	minowa rameil	formally, alongified a				

TCEQ-10411 (10/24/2022) Industrial Wastewater Application Administrative Report

¹ All facilities are designated as minors until formally classified as a major by EPA.

h. Payment Information Mailed Check or money order No.: 16797	Pe	rmit Number
Named printed on check or money order: Maverick County Water Control Epay Voucher number: Click to enter text. Copy of voucher attachment: Click to enter text. Item 2. Applicant Information (Instructions, Pages 25) a. Customer Number, if applicant is an existing customer: CN600668438 Note: Locate the customer number using the TCEO's Central Registry Customer Search². b. Legal name of the entity (applicant) applying for this permit: Maverick County Water Control and Innovovement District No.1 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.) Mr. Ms. First/Last Name: Brenda McCalip Title: General Manager Credential: Click to enter text. d. Will the 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 3. Co-applicant Information (Instructions, Page 26) 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 TCEO'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.) Mr. Strixt/Last Name: Click to enter text. Credential: Click to enter text. d. Will the co-applicant have overall financi	h.	
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 d. Will the 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 3. Co-applicant Information (Instructions, Page 26) ✓ 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.) ☐ Mr. ☐ Ms. First/Last Name: Click to enter text. Title: Click to enter text. Credential: Click to enter text. Credential: Click to enter text. d. Will the co-applicant have overall financial responsibility for the facility? ☐ Yes ☐ No 		☐ Mr. ☒ Ms. First/Last Name: <u>Brenda McCalip</u>
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Title: Click to enter text. Credential: Click to enter text. Credential: Click to enter text. Credential: Click to enter text. □ Yes □ No	c.	
d. Will the co-applicant have overall financial responsibility for the facility? □ Yes □ No		☐ Mr. ☐ Ms. First/Last Name: Click to enter text.
□ Yes □ No		Title: <u>Click to enter text.</u> Credential: <u>Click to enter text.</u>
	d.	
A SECURITY OF THE PROPERTY OF	2.7	

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 26)

a. Complete one Core Data Form (TCEQ Form 10400) for each customer (applicant and coapplicant(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: D

Item 5. Application Contact Information (Instructions, Page 26)

Provide names of two individuals who can be contact for additional information about this application.

Inc	cate if the individual can be contact about administrative or technical information, or both.
a.	☑ Administrative Contact . □ Technical Contact
	☐ Mr. ☑ Ms. Full Name (First and Last): <u>Stephanie Landsman</u>
	Title: <u>Click to enter text.</u> Credential: <u>Click to enter text.</u>
	Organization Name: Landsman Environmental LLC
	Mailing Address: 9597 Jones Road #962
	City: <u>Jersey Village</u> State: <u>TX</u> Zip Code: <u>77065</u>
	Phone No: <u>281-658-5899</u> Fax No: <u>Click to enter text.</u> Email: <u>stephanie@landsmanenviro.com</u>
b.	□ Administrative Contact . ☑ Technical Contact
	☐ Mr. ⋈ Ms. Full Name (First and Last): <u>Brenda McCalip</u>
	Title: General Manager Credential: Click to enter text.
	Organization Name: Maverick County Water Control and Improvement District No.1
	Mailing Address: 1622 Maverick Industrial Park Road
	City: <u>Eagle Pass</u> State: <u>TX</u> Zip Code: <u>78852</u>
	Phone No: 830-773-5129 Fax No: Click to enter text. Email: maverickcid1@gmail.com
	Attachment: Click to enter text.
Ite	m 6. Permit Contact Information (Instructions, Pages 26)
Pro	vide two names of individuals that can be contacted throughout the permit term.
a.	☐ Mr. ☑ Ms. Full Name (First and Last): <u>Brenda McCalip</u>
	Title: General Manager Credential: Click to enter text.
	Organization Name: Maverick County Water Control and Improvement District No.1
	Mailing Address: 1622 Maverick Industrial Park Road
	City: <u>Eagle Pass</u> State: <u>TX</u> Zip Code: <u>78852</u>
	Phone No: 830-773-5129 Fax No: Click to enter text. Email: maverickcid1@gmail.com
b.	☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.
	Title: Click to enter text. Credential: Click to enter text.
	Organization Name: Click to enter text.
	Mailing Address: Click to enter text.
	City Click to enter text State: Click to enter text 7in Code: Click to enter text

TCEQ-10411 (10/24/2022) Industrial Wastewater Application Administrative Report

Page 3 of 21

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

Attachment: Click to enter text.

Item 7. Billing Contact Information (Instructions, Page 27) 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.

☐ Mr. ⋈ Ms. Full Name (First and Last): Brenda McCalip

Title: General Manager

Credential: Click to enter text.

Organization Name: Maverick County Water Control and Improvement District No.1

Mailing Address: 1622 Maverick Industrial Park Road

City: Eagle Pass

State: TX Zip Code: 78852

Phone No: 830-773-5129

Fax No: Click to enter text.

Email: maverickcid1@gmail.com

Item 8. DMR/MER Contact Information (Instructions, Page 27)

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.

☐ Mr. ☑ Ms. Full Name (First and Last): Brenda McCalip

Title: General Manager

Credential: Click to enter text.

Organization Name: Maverick County Water Control and Improvement District No.1

Mailing Address: 1622 Maverick Industrial Park Road

City: Eagle Pass

State: TX Zip Code: 78852

Phone No: 830-773-5129

Fax No: Click to enter text.

Email: maverickcid1@gmail.com

Item 9. NOTICE INFORMATION (Instructions, Pages 27

- a. Individual Publishing the Notices
 - ☐ Mr. ⋈ Ms. Full Name (First and Last): <u>Stephanie Landsman</u>

Title: Click to enter text.

Credential: Click to enter text.

Organization Name: Landsman Environmental LLC

Mailing Address: 9597 Jones Road #962

City: Jersey Village State: TX Zip Code: 77065

Phone No: 281-658-5899

Fax No: Click to enter text.

Email:

stephanie@landsmanenviro.com

- 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: stephanie@landsmanenviro.com

☐ **Fax:** Click to enter text.

Regular Mail (USPS)

Mailing Address: Click to enter text.

City: Click to enter text.

State: Click to enter text.

Zip Code: Click to enter text.

c.	Co	ntact in the Notice
		Mr. ⊠ Ms Full Name (First and Last): <u>Brenda McCalip</u>
	Tit	e: <u>General Manager</u> Credential: <u>Click to enter text.</u>
	Or	anization Name: Maverick County Water Control and Improvement District No.1
	Ph	ne No: <u>830-773-5129</u> Fax No: <u>Click to enter text.</u> Email: <u>maverickcid1@gmail.com</u>
d.	Pul	lic Viewing Location Information
		e: If the facility or outfall is located in more than one county, provide a public viewing place for county.
	Pul tex	lic building name: <u>Eagle Pass Public Library</u> Location within the building: <u>Click to enter</u>
	Phy	sical Address of Building: <u>589 Main Street</u>
	Cit	r: Eagle Pass County: Maverick
e.	Bili	ngual Notice Requirements
		s information is required for new, major amendment, minor amendment or minor modification renewal applications.
	nee	s section of the application is only used to determine if alternative language notices will be ded. Complete instructions on publishing the alternative language notices will be in your publice package.
		ise call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain following information to determine whether an alternative language notices are required.
	1.	Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?
		□ Yes ⋈ No
		If no, publication of an alternative language notice is not required; skip to 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.		n Language Summary Template – Complete the Plain Language Summary at the end of this lication.
g.	Co	nplete one Public Involvement Plan (PIP) Form (TCEQ Form 20960) for each application for a nemit or major amendment and include as an attachment. Attachment: Click to enter text.

Item 10. Regulated Entity and Permitted Site Information (Instructions Pages 28-30)

a.	TCEQ issued Regulated Entity Number (RN), if available: RN102096773			
	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): $\underline{\text{Eagle Pass Power}}$ $\underline{\text{Station}}$			
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:			
	☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.			
	or Organization Name: Maverick County Water Control and Improvement District No.1			
	Mailing Address: 1622 Maverick Industrial Park Road			
	City: Eagle Pass State: TX Zip Code: 78852			
	Phone No: <u>830-773-5129</u> Fax No: <u>Click to enter text.</u> Email: <u>maverickcid1@gmail.com</u>			
e.	Ownership of facility: $oxtimes$ Public $oxtimes$ Private $oxtimes$ Both $oxtimes$ Federal			
f.	Owner of land where treatment facility is or will be: Click to enter text.			
	☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.			
	or Organization Name: Maverick County Water Control and Improvement District No.1			
	Mailing Address: 1622 Maverick Industrial Park Road			
	City: Eagle Pass State: TX Zip Code: 78852			
	Phone No: <u>830-773-5129</u> Fax No: <u>Click to enter text.</u> Email: <u>maverickcid1@gmail.com</u>			
	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: <u>Click to enter text.</u>			
g.	Owner of effluent TLAP disposal site (if applicable): Click to enter text.			
	☐ Mr. ☐ Ms. Full Name (First and Last): Click to enter text.			
	or Organization Name: Click to enter text.			
	Mailing Address: Click to enter text.			
	City: Click to enter text. State: Click to enter text. Zip Code: Click to enter text.			
	Phone No: Click to enter text. Fax 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: <u>Click to enter text.</u>			
h.	Owner of sewage sludge disposal site (if applicable):			
	☐ Mr. ☐ Ms. Full Name (First and Last): <u>Click to enter text.</u>			
	or Organization Name: Click to enter text.			
TC	EQ-10411 (10/24/2022) Industrial Wastewater Application Administrative Report Page 7 of 21			

	City: Click to enter text.	State: Click to	enter text.	Zip Code: Click to enter	text.
	Phone No: Click to enter text.	Fax No: Click t	o enter text.	Email: Click to enter text	
	Note: If not the same as the faction six years. Attachment: Click to		ch a long-term	lease agreement in effect	for at least
Ite	em 11. TDPES Discharge/T	LAP Disposa	l Informatio	n (Instructions, Page	s 30-32)
a.	Is the facility located on or does	s the treated eff	luent cross Nat	ive American Land?	
	☐ Yes ☒ No				
b.	Attach an original full size USG or amendment applications) wit to confirm it has been included	th all required i	Map (or an 8.5") nformation. Ch	<11" reproduced portion feck the box next to each i	or renewal tem below
	☑ One-mile radius		⊠ Three-miles	s downstream information	a
	⊠ Applicant's property bounda	ries	⊠ Treatment	facility boundaries	
	☑ Labeled point(s) of discharge		⊠ Highlighted	l discharge route(s)	
	☐ Effluent disposal site bounda	aries	☐ All wastewa	ater ponds	
	☐ Sewage sludge disposal site		☐ New and fu	ture construction	
	Attachment: Click to enter text.				
c.	Is the location of the sewage slu ☐ Yes ☐ No or New Permit	ıdge disposal si	te in the existin	ig permit accurate?	
	If no, or a new application, prov	ide an accurate	location descri	iption: Click to enter text.	
d.	Are the point(s) of discharge in	the existing per	mit correct?		
	⊠ Yes □ No or New Permit				
	If no, or a new application, prov	ride an accurate	location descri	iption: Click to enter text.	
e.	Are the discharge route(s) in the	e existing permi	t correct?		
	⊠ Yes □ No or New Permit				
	If no, or a new permit, provide a	an accurate des	cription of the	discharge route: Click to e	enter text.
f.	City nearest the outfall(s): <u>Eagle</u>	Pass			
g.	County in which the outfalls(s)	is/are located: <u>l</u>	<u>Maverick</u>		
h.	Is or will the treated wastewater flood control district drainage of	r discharge to a litch?	city, county, or	state highway right-of-w	ay, or a
	□ Yes ⋈ No				
	If yes, indicate by a check mark	if: 🗆 Authoriza	ation granted	☐ Authorization pend	ing
	For new and amendment applic provide the approval letter upo				ct and
	For all applications involving ar all counties located within 100 text.	n average daily o statute miles do	discharge of 5 Nownstream of the	MGD or more, provide the ne point(s) of discharge:	names of lick to enter
i.	For TLAPs, is the location of the	e effluent dispo	sal site in the e	xisting permit accurate?	
TC	EQ-10411 (10/24/2022) Industrial W	astewater Applic	ation Administra	tive Report	Page 8 of 21

Mailing Address: Click to enter text.

	☐ Yes ☐ No or New Permit
	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: <u>Click to enter text.</u>
1.	Disposal Site Latitude: <u>Click to enter text.</u> Longitude: <u>Click to enter text.</u>
m.	For TLAPs, describe how effluent is/will be routed from the treatment facility to the disposal site: Click to enter text.
n.	For TLAPs, identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: <u>Click to enter text.</u>
Ite	m 12. MISCELLANEOUS INFORMATION (Instructions, Page 32)
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: <u>Click to enter text.</u>
b.	Do you owe any fees to the TCEQ?
	□ Yes ⋈ No
	If yes, provide the account no.: <u>Click to enter text.</u> and total amount due: <u>Click to enter text.</u>
c.	Do you owe any penalties to the TCEQ?
	□ Yes ⋈ No
	If yes, provide the enforcement order no.: $\underline{\text{Click to enter text.}}$ and amount due: $\underline{\text{Click to enter text.}}$

Item 13. SIGNATURE PAGE (Instructions, Pages 32-33)

Permit No: WQ0004149000

Applicant Name: Maverick County Water Control and Improvement District No.1

Certification: I, <u>Brenda McCalip</u>, 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): Brenda McCalip

Signatory title: General Manager				
Signature: But			Date: 07/6	01/2024
(Use blu		Bro. d.	a McCalip	
Subscribed and Sworn to before	me by the said _		4	70.72
on this		day of	July	, 2024
My commission expires on the _	14	day of	February	, 20_24
Victoriea UCaza Notary Public			SEXT VI	ERONICA M. GARZA
Moverick			Com	ry Public, State of Texas im. Expires 02-14-2026 otary ID 131451356
County, Texas				

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

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

FOR AGENCIES REVIEWING INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

1	TCEQ USE ONLY:
A	Application type:RenewalMajor AmendmentMinor AmendmentNew
(County: Segment Number:
	Admin Complete Date:
A	Agency Receiving SPIF:
_	Texas Historical Commission U.S. Fish and Wildlife
-	Texas Parks and Wildlife Department U.S. Army Corps of Engineers
Th	uis form applies to TPDES permit applications only. (Instructions, Page 36)
ag or	the SPIF must be completed as a separate document. The TCEQ will mail a copy of the SPIF to each ency as required by the TCEQ agreement with EPA. If any of the items are not completely addressed further information is needed, you will be contacted to provide the information before the permit is sued. Each item must be completely addressed.
pro wil	o not refer to a response of any item in the permit application form. Each attachment must be ovided with this form separately from the administrative report of the application. The application ll not be declared administratively complete without this form being completed in its entirety cluding all attachments.
Th	te following applies to all applications:
1.	Permittee Name: Maverick County Water Control and Improvement District No.1
2.	Permit No.: <u>WQ0004149000</u> EPA ID No.: <u>TX0119580</u>
3.	Address of the project (location description that includes street/highway, city/vicinity, and county): 264 Power Plant Road, Eagle Pass, Maverick County
4.	Provide the name, address, phone and fax number, and email address of an individual that can be contacted to answer specific questions about the property.
	Full Name (First and Last): <u>Brenda McCalip</u>
	Organization Name: Maverick County Water Control and Improvement District No.1 Mailing Address: 1622 Maverick Industrial Park Road
	City: Eagle Pass State: TX Zip Code: 78852
	Phone No: 830-773-5129 Fax No: Click to enter text. Email: maverickcid1@gmail.com
5.	List the county in which the facility is located: Maverick
6.	If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property: <u>Click to enter text.</u>

- 7. 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 the Maverick County Canal; thence to the Rio Grande Below Amistad Reservoir in Segment No. 2304 of the Rio Grande Basin
- 8. 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.) Attachment: B
- 9. Provide original photographs of any structures 50 years or older on the property. Attachment: N/A
- 10. 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
- 11. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features): N/A
- 12. Describe existing disturbances, vegetation, and land use: N/A

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

- 13. List construction dates of all buildings and structures on the property: Click to enter text.
- 14. Provide a brief history of the property, and name of the architect/builder, if known: <u>Click to enter text.</u>

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

This template is a guide to assist applicant's in developing a plain language summary as required by 30 Texas Administrative Code Chapter 39 Subchapter H. Applicant's may modify the template as necessary to accurately describe their facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how the applicant will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

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

If you are subject to the alternative language notice requirements in <u>30 Texas Administrative</u> <u>Code §39.426</u>, <u>you must provide a translated copy of the completed plain language</u> <u>summary in the appropriate alternative language as part of your application package</u>. For your convenience, a Spanish template has been provided below.

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

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

Maverick County Water Control and Improvement District No.1 (CN600668438) operates Eagle Pass Power Station RN102096773. an industrial wastewater treatment facility. The facility is located 264 Power Plant Road, in Eagle Pass, Maverick County, Texas 78852. Request for renewal of permit authorizing the discharge of 116,000 GPD of treated industrial wastewater.

Discharges from the facility are expected to contain oil and grease..Industrial wastewater is treated by a drain system to capture leaking water from the turbine shafts and equipment inside the plant. The drain system terminates in a common oil/water separator and sump. Oil is skimmed off the surface of the sump and is disposed of. Wastewater from the sump is monitored prior to discharge via external Outfall 001..

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

AGUAS RESIDUALES INDUSTRIALES/AGUAS PLUVIALES

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

TECHNICAL REPORT 1.0 INDUSTRIAL

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, refer to the <u>Instructions for Completing the Industrial Wastewater Permit Application</u>¹ available on the TCEQ website.

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.

a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include

1. FACILITY/SITE INFORMATION (Instructions, Pages 39-40)

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

The facility contains a drain system to capture leaking water from the turbine shafts and equipment inside the plant. The drain system terminates in a common oil/water separator and sump. Oil is skimmed off the surface of the sump and is disposed of properly. Wastewater from the sump is monitored via internal outfall 101 prior to discharge via external outfall 001. The facility also utilizes non-contact cooling water in three small heat exchangers (turbine oil coolers) to cool hydraulic oil used for bearing lubrication and turbine control. There is no chemical treatment of the non-contact cooling water, and it is commingled with the previously monitored effluent from internal outfall 101 prior to discharge via outfall 001. The facility occasionally discharges intermittent volumes of non-process are storm water from roof rains on the main plant building that are also route to outfall oot for discharge.

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** Mechanical energy electricity water Attachment: 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: E e. Is this a new permit application for an existing facility? Yes No If yes, provide background discussion: 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: Flood Hazard Boundary Map-Mayerick County 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: Attachment: 5. For now or major amandment permit applications, will any construction operations result in a discharge of fill material into a water in the state? N/A (renewal only) No h. If yes to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit? No Yes If yes, provide the permit number: If no, provide an approximate date of application submittal to the USACE:

2. TREATMENT SYSTEM (Instructions, Page 4)	
	2000
THE RESERVED TO BE TAKE BLY LOT BY A CONTROL OF THE RESERVED BE A STREET OF THE PROPERTY OF TH	100 N
And II REALLY A RESTAURANT TO THE RESTAURANT OF	20 × 10

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.

Filtration (traveling screens) is accomplished at the plant's intake structure for removal of solid debris for the pass-through water and the make-up water for the turbine oil coolers. Solid debris is removed and handled/removed as a solid waste by the Maverick County Irrigation District. Oil/water separator is used in conjunction with the sump at internal outfall 101 for separation/removal of oil and/or oily debris prior to commingling with non-contact cooling water from the turbine oil coolers and/or intermittent storm water from the roof drains. The commingled waste streams are then ultimately discharged via external outfall 001.

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: C

3. IMPOUNDMENTS (Instructions, Pages 40-42)

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: 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).

Page 3 of 77

Impoundment Information

Parameter	Pond #	Pond #	Pond #	Pond #
Use Designation: (T) (D) (C) or (E)				
Associated Outfall Number				
Liner Type (C) (I) (S) or (A)	T			
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	14			
Freeboard (ft)				
Surface Area (acres)				
Storage Capacity (gallons)				
40 CFR Part 257, Subpart D, Y/N				
Date of Construction				

Impoundment Information

Parameter	Pond #	Pond #	Pond #	Pond #
Use Designation: (T) (D) (C) or (E)				
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:

Th	e fo	llowi	ing inforn	nation	(Items	3.b –	3.e) is required only for new or proposed i	mpoundments.
b.							attach any available information on the follow te box. Otherwise, check no or not yet design	
	i.	Lin	er data					
			Yes		No		Not yet designed	
	ii.	Lea	k detectio	on syst	tem or gro	oundv	vater monitoring data	
		П	Yes		No		Not yet designed	
	iii.	Gro	undwater	r impa	icts			
			Yes		No		Not yet designed	
			TE: Item shallowes				e bottom of the pond is not above the seasonal	l high-water table ir
	At	tach	ment:					
Fo	r T	'LAI	P applic	ation	ıs: Item	ıs 3.c	e – 3.e are not required, continue to Item	4.
c.							original quality and scale which accurately location wells within ½-mile of the impoundment	
	At	tach	ment:					
d.	to	grou		or all	known wa		oorts (e.g., driller's logs, completion data, etc.) apply wells including a description of how the	
	At	tach	ment:					
e.	pot	tentia		ration	of waste		groundwater, soils, geology, pond liner, etc. us the impoundments or the potential for conta	
			ment:					
4.			FALL es 42-2		SPOSA	LM	ETHOD INFORMATION (Instr	uctions,
							the location and wastewater discharge or disp for each point of disposal for TLAP operation	
an		r nur					sal at the facility than the spaces provided, cop 6a, 6b, etc.) may be used to provide information	
po me	nd I etho	E, or d fol	subsurfaction lowed by	ce drai a num	inage syst terical de	tem S signat	lisposal method and each individual irrigation by providing the appropriate letter designatio ion for each disposal area in the space provide 2 for irrigation area No. 2, etc.).	on for the disposal
TC	FO-1	0055	(05/20/20	aa) Ind	netrial Was	towate	r Application Technical Report	Page 5 of 777

Outfall Latitude and Longitude

Outfall Number	Latitude-decimal degrees	Longitude-decimal degrees
001	28.829167	-100.550833
101	28.829167	-100.550833

Outfall Location Description

Outfall Number	Location Description
001	Discharge-side of sump in plant prior to being routed into discharge canal via pipe
101	Oil/water separator in plant

Description of Sampling Points (if different from Outfall location)

Outfall Number	Description of Sampling Point		
		saa	

Outfall Flow Information – Permitted and Proposed

(MGD)	(MGD)	Avg Flow (MGD)	Max Flow (MGD)	Discharge Date (mm/dd/yy)
Report	0.116	N/A	N/A	N/A
Report	0.0288	N/A	N/A	N/A
	Report	Report 0.116	Report 0.116 N/A	Report 0.116 N/A N/A

Outfall Discharge - Method and Measurement

Outfall Number	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	N	Y	Estimated
101	Y	N	Estimated

Outfall Discharge - Flow Characteristics

Outfall Number	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	Y	N	24	31	12

Wastestream Contributions

Contributing Wastestreams	Volume (MGD)	% of Total Flow
Turbine leakage collected from floor drain and routed to oil/water separator	0.0457	41-61%
Non-contact cooling water from turbine oil coolers	0.029	25-38%
Intermittent non-process area storm water from roof drains on main plant building	0-0.04	0-34%
Outfall No.:		
Contributing Wastestreams	Volume (MGD)	% of Total Flow

Outfall No.:

Contributing Wastestreams	Volume (MGD)	% of Total Flow

Attachment:

BLOWDOWN AND ONCE-THROUGH COOLING WATER DISCHARGES (Instructions, Page 44)

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

wastestreams to the outfall(s)? \boxtimes

Yes

a. Does the facility use/propose to use any cooling towers which discharge blowdown or other

b.		Does the facility use or plan to use any boilers that discharge blowdown or other wastestreams to the outfall(s)?									
		Yes	\boxtimes	No							
c.	Doe	s or will t	the fac	ility discharge once-through c	ooling water to the outfall(s	s)?					
		Yes	\boxtimes	No							
	NO'	TE: If the	e facili	ty uses or plans to use once-th	arough cooling water, Item	12 is required.					
d.	If yo	If yes to Items 5.a, 5.b, or 5.c, attach the SDS with the following information for each chemical additive.									
e.	(i) (ii) (iii) (iii	Chemical Classify peroduct of Frequence Product to Concentrate the sum testream achment ling Towers to either	comporoduce or active y of provincity action of and the care and the care are are are are are are are are are	g., biocide, fungicide, corrosionosition including CASRN for et as non-persistent, persistent re ingredient half-life roduct use (e.g., 2 hours/day of data specific to fish and aquatof whole product or active ingredient information in additionate associated chemical additive a	each ingredient , or bioaccumulative once every two weeks) tic invertebrate organisms redient, as appropriate, in was to the submittal of the SDS es and specify which outfall	S for each specific					
		e of Uni		Number of Units	Dly Avg Blowdown	Dly Max Blowdown					
	Coo	oling Towe	ers	0	(gallons/day)	(gallons/day)					
	Boil			0	0	0					
as o	e ther define Ye Yes, b	re any exi ed at 40 (es	sting/j CFR § No scribe oosure	FER MANAGEMENT proposed outfalls which disch 122.26(b)(14), commingled with the industrial processes and a of the activities or materials to	arge stormwater associated ith any other wastestream? ctivities that occur outdoors stormwater:	with industrial activities,					
				**************************************		3 7 7 7					

7. DOMESTIC SEWAGE, SEWAGE SLUDGE, AND	SEPTAGE
MANAGEMENT AND DISPOSAL (Instructions,	

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 drain					
	☐ Domestic and industrial treatment sludge ARE commingled					
	☐ 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:					
b.	Provide the name and TCEQ, NPDES, or TPDES Permit No. of the receives the domestic sewage/septage. If hauled by motorized veh Registration No. of the hauler.	e waste-disposal facility which icle, provide the name and TCEQ				
	Domestic Sewage Plant/Hauler Name					
	Plant/Hauler Name	Permit/Registration No.				
	Siesta Septic Service	24054				
8.	IMPROVEMENTS OR COMPLIANCE/ENFO REQUIREMENTS (Instructions, Page 45)	RCEMENT				
a.	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:					
9.	TOXICITY TESTING (Instructions, Page 45)					
	ive any biological tests for acute or chronic toxicity been made on a ter in relation to the discharge within the last three years?	ny of the discharges or on a receiving				
	Yes 🛛 No					
If y	If yes, identify the tests and describe their purposes:					
Ad	ditionally, attach a copy of all tests performed which have not bee	n submitted to the TCEQ or EPA.				
TC	CEQ-10055 (05/20/2022) Industrial Wastewater Application Technical Report Page 10 of 77					

10	o. OFF-SITE/THIRD PARTY WASTES (Instr	uctions, Page 45)			
a.	Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-sit 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) Identify the sources of wastes received (including the legal not) Description of the relationship of waste source(s) with the factorization 	ame and addresses of the generators).			
	Attachment:				
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 facility and a copy of any agreements or contracts relating to this	S permit number of the contributing s activity.			
	Attachment:				
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.				
11	. RADIOACTIVE MATERIALS (Instructions	, Pages 46)			
1	Are/will radioactive materials be mined, used, stored, or process	ead at this facility?			
	☐ Yes ☑ No	sed at this facility:			
	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	Concentration (pCi/L)			
		-			

Attachment:

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.							
					nt in the Dischar	ge	P	
	R	Radioactive Material					Concentration (pCi/L)
	-							217.838
	-	***						
	T							
10	. (COOLIN		A Trie ID	(Instruction	a Pagas 46	3 =)	
16		COOLIN	O A	VALER	(1115th action	s, Pages 46-	47)	
a.	Do	es the facili	ity use	e or propos	se to use water for	cooling purposes	?	
		Yes	\boxtimes	No				
	If 1	no, stop he	re. If	yes, compl	ete Items 12.b thr	u 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								
	 Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will suffor cooling purposes to the facility. 							will supply water
	Cooling Water Intake Structure(s) Owner(s) and Operator(s)							
		CWIS ID						
		Owner						
		Operator			L			
	ii. Cooling water is/will be obtained from a Public Water Supplier (PWS)							
		□ Yes	<u></u>] No				
		If no, cont	inue.	If yes, pro	ovide the PWS Reg	istration No. and	stop here: <u>PWS N</u>	<u>0.</u>
	iii. Cooling water is/will be obtained from a reclaimed water source?							
	☐ Yes ☐ No							
		NAMES DESCRIPTION	200	92	vide the Reuse Ar	ithorization No. a	nd stop here:	
				J - G, pro	Ind Albabo I Al		au stop noro.	
TCI	TCEO-10055 (05/20/2022) Industrial Wastewater Application Technical Perort Page 48 of Fra							

	iv. Cooling water is/will be obtained from an Independent Supplier					
		□ Yes □ No				
	If yes, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes to the facility and proceed:					
		If no, proceed to Item 12.d.				
d.	31	6(b) General Criteria				
	i. 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				
	 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				
	iii.	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:				
	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.					
	sul	no to any of the questions in Item 12.d, the facility does not meet the minimum criteria to be bject to the full requirements of Section 316(b) of the CWA; however, a determination is required sed upon BPJ. Proceed to Item 12.e .				
e.	Th	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)(i-iii) and (vi), 2(b)(i), and 3(a) to allow for a determination based upon BPJ.					
f.	Oil	and Gas Exploration and Production				
	i.	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.				
	ii. 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)(i-iii) and (vi), 2(b)(i), and 3(a) to allow for a determination based upon BPJ. If no, skip to Item 12.g.iii.					

i.	Phase I – New facility subject to 40 CFR Part 125, Subpart I					
	□ Yes □ No					
	If yes , check the box next to the facility's 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:					
ii.	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.					
iii.	Phase III – New facility subject to 40 CFR Part 125, Subpart N					
	☐ Yes ☐ No					
	If yes, check the box next to the facility's 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 the CWIS latitude and 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:					

g. Compliance Phase and Track Selection

NOTE: Item 13 is required only for existing permitted facilities.

13. PERMIT CHANGE REQUESTS (Instructions, Pages 49-50) a. Is the facility requesting a major amendment of an existing permit? Yes 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. b. Is the facility requesting any minor amendments to the permit? Yes No If yes, list and discuss the requested changes. c. Is the facility requesting any minor modifications to the permit? Yes No If yes, list and discuss the requested changes.

WORKSHEET 2.0 POLLUTANT ANALYSES REQUIREMENTS

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.

1. LABORATORY ACCREDITATION (Instructions, Page 56)

Effective July 1, 2008, all laboratory tests performed must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification with the following general exemptions:

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

Review 30 TAC Chapter 25 for specific requirements. The following certification statement shall be signed and submitted with every application. See Instructions, Page 34, for a list of approved signatories.

I, <u>Brenda McCalip</u>, certify that all laboratory tests submitted with this application meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

(Signature)

2. GENERAL TESTING REQUIREMENTS (Instructions, Pages 56-58)

- 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):
- b. \square Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.
- c. 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:

3. SPECIFIC TESTING REQUIREMENTS (Instructions, Pages 58-69)

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

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.

TCEQ-10055 (05/20/2022) Industrial Wastewater Application Technical Report

Page 19 of 77

WORKSHEET 4.0 RECEIVING WATERS

This worksheet is required for all TPDES permit applications.

1.	DOMESTIC DRINKING WATER SUPPLY (Instructions, Page 81)				
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:				
	i. The legal name of the owner of the drinking water supply intake:				
	v. The distance and direction from the outfall to the drinking water supply intake:				
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.				
2.	DISCHARGE INTO TIDALLY INFLUENCED WATERS (Instructions, Page 81)				
Ift	he discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.				
a.	Width of the receiving water at the outfall: 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:				
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:				
3. CLASSIFIED SEGMENT (Instructions, Page 81)					
The discharge is/will be directly into (or within 300 feet of) a classified segment.					
	Yes 🖾 No				
If yes, stop here. It is not necessary to 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.					

	I i	age 82)					
a.	Nam	ne of the immediate receiving waters:					
b.	Chec	Check the appropriate description of the immediate receiving waters:					
		 Lake or Pond Surface area (acres): Average depth of the entire water body (feet): Average depth of water body within a 500-foot radius of the discharge point (feet): 		Man-Made Channel or Ditch Stream or Creek Freshwater Swamp or Marsh Tidal Stream, Bayou, or Marsh Open Bay Other, specify:			
If I 4.c	Man -3	Made Channel or Ditch or Stream or Creek v below:	vere sel	lected above, provide responses to Items			
c.	For e	For existing discharges , check the description below that best characterizes the area upstream of the discharge.					
	For r	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 Intermittent with Perennial Pools (enduring pools 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:					
d.	List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: Rio Grande River						
e. The receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.).							
	□ If year	Yes 🗵 No s, describe how:					
f.	General observations of the water body during normal dry weather conditions: water is generally clouded with a greenish-gray color; water received from the irrigation district is sometimes turbid.						
	Date	Date and time of observation:					
g.	The v	The water body was influenced by stormwater runoff during observations.					
		Yes 🗵 No					
	If yes	s, describe how:					
TO	70	or (or /oo/ooo) Industrial Westquetor Application Technica	1 D	Para 47 - 6			

DESCRIPTION OF IMMEDIATE RECEIVING WATERS (Instructions,

Page 82) a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply): X oil field activities urban runoff X agricultural runoff septic tanks X upstream discharges other, specify: b. Uses of water body observed or evidence of such uses (check all that apply): X livestock watering fishing picnic/park activities \boxtimes non-contact recreation industrial water supply other, specify: domestic water supply irrigation withdrawal contact recreation navigation 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 \boxtimes

Natural Area: trees or native vegetation common; some development evident (from fields.

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

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

GENERAL CHARACTERISTICS OF WATER BODY (Instructions,

pastures, dwellings); water clarity discolored

water discolored

WORKSHEET 6.0 INDUSTRIAL WASTE CONTRIBUTION

This worksheet is required for all applications for publicly-owned treatment works (POTWs).

For an explanation of the terms used in this worksheet, refer to the General Definitions on pages 4-12 and the Definitions Relating to Pretreatment on pages 13-14 of the Instructions.

1. ALL POTWS (Instructions, Page 87)

a. Complete the following table with the number of each type of industrial users (IUs) that discharge to the POTW and the daily average flows from each.

Industrial User Information

Type of Industrial User	Number of Industrial Users	Daily Average Flow (gallons per day)
CIU	o	0
SIU - Non-categorical	0	0
Other IU	0	0

SIU - Non-categorical o o									
Oth	er I	U				0			0
65	n th	ne past ti Yes	hree ye	ars, has t No	he POTW	experienced	treatment p	lant interference	e?
S	our		each ir					d probable cause U(s) that may ha	e(s) and possible ave caused the
c. I	n th	ne past tl	nree ye	ars, has t	he POTW	experienced	pass-throug	gh?	
Ē	Ì	Yes	\boxtimes	No					
c	aus	e(s) and	possib		(s) of each				plant, and probable of the IU(s) that may
d. I)oes	s the PO	TW ha	ve, or is it	required t	o develop, a	in approved	pretreatment pr	ogram?
E	1	Yes	\boxtimes	No					
I	f ye	s, answ	er all q	uestions	n Item 2 a	nd skip Item	n 3.		
I	f no	o, skip It strial us	em 2 a er.	nd answe	er all quest	ions in Item	3 for each s	ignificant indust	rial user and categorical
2.	T)	HOSE	REC	UIRE		EVELOF		ENT PROGI FREATMEN	RAMS OR IT PROGRAM
									tment program that ling to 40 CFR § 403.18?
Ĺ]	Yes		No					
						entifies all st e of the mod		odifications that	t have not been
A	Atta	chmen	t:						
TCEÇ)-100	055 (05/20	0/2022)	Industrial	Wastewater A	Application Tec	chnical Report		Page 51 of 77

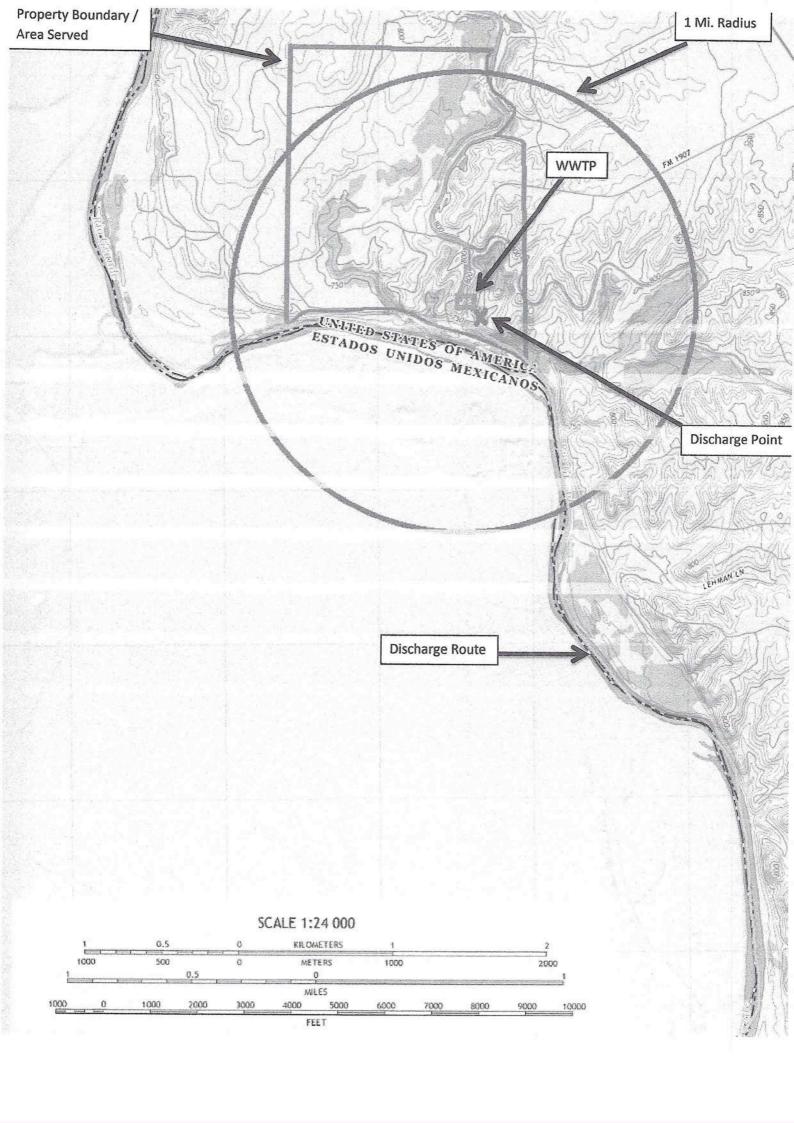
D.	have not been submitted to the	antial modifications to Approval Authority (To	the POTW's ap CEO)?	proved pretreatn	nent program that
	☐ Yes ☐ No				
	If yes , include an attachment v submitted to the TCEQ and the	which identifies all non- purpose of the modific	substantial mo ation.	difications that h	ave not been
	Attachment:				
c.	List all parameters measured al years:	bove the MAL in the PC	TW's effluent i	nonitoring durin	g the last three
Eff	fluent Parameters Measured A	bove the MAL			
]	Pollutant	Concentration	MAL	Units	Date
-					
-					
 					
	Attachment:			L	
d.	Has any SIU, CIU, or other IU of pass-through) at the POTW in to	aused or contributed to he past three years?	any other prol	olems (excluding	interference or
	If yes, provide a description of probable pollutants. Include the contributed to any of the proble	e name(s) of the SIU(s)	date(s), durati 'CIU(s)/other I	on, description of TU(s) that may ha	f problems, and ve caused or
3.	SIGNIFICANT INDU INDUSTRIAL USER				88-89)
PO infe	TWs that do not have an approxormation for each SIU and CIU:	ved pretreatment progr	am are requi i	ed to provide the	e following
a.	Mr. or Ms.: N/A	First/Last Name:			
	Organization Name:	SIC Co	de:		
	Phone number:	Email	address:		
	Physical Address:	City/S	tate/ZIP Code:		
	Attachment:				
b.	Describe the industrial processe discharge (e.g., process and non		t affect or conti	ibute to the SIU((s) or CIU(s)
	Attachment:				
c.	Provide a description of the prin	ncipal products(s) or se	vice(s) perforn	ned:	
TCE	EQ-10055 (05/20/2022) Industrial Was	tewater Application Technic	al Report	Pag	ge 52 of 7 7

Attachment Index

Attachment	Title	
А	Original USGS Topographic Map	
В	Site Drawing	
С	Flow Diagram	
D	Core Data Form	
E	Facility Diagram	

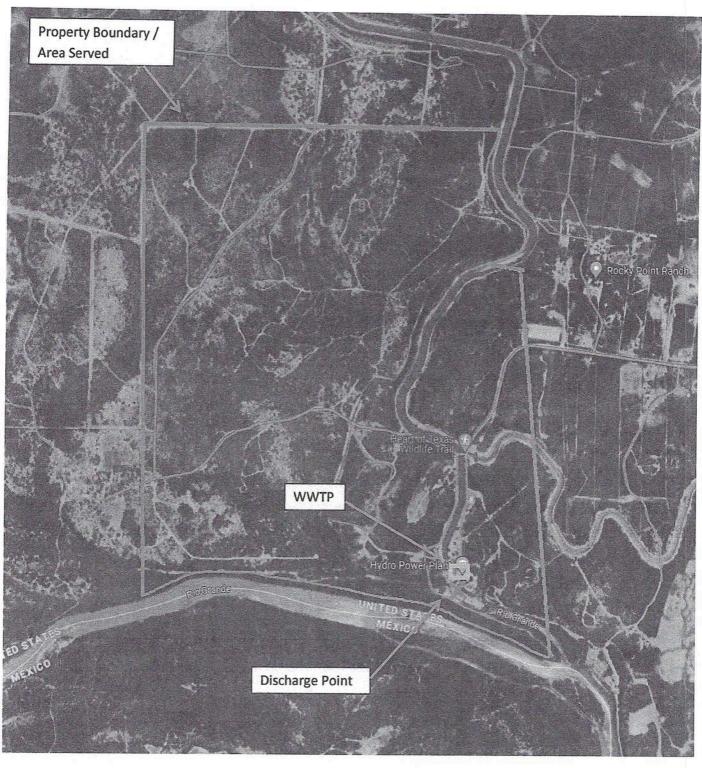
Attachment A

Original Topographic Map



Attachment B

Site Drawing

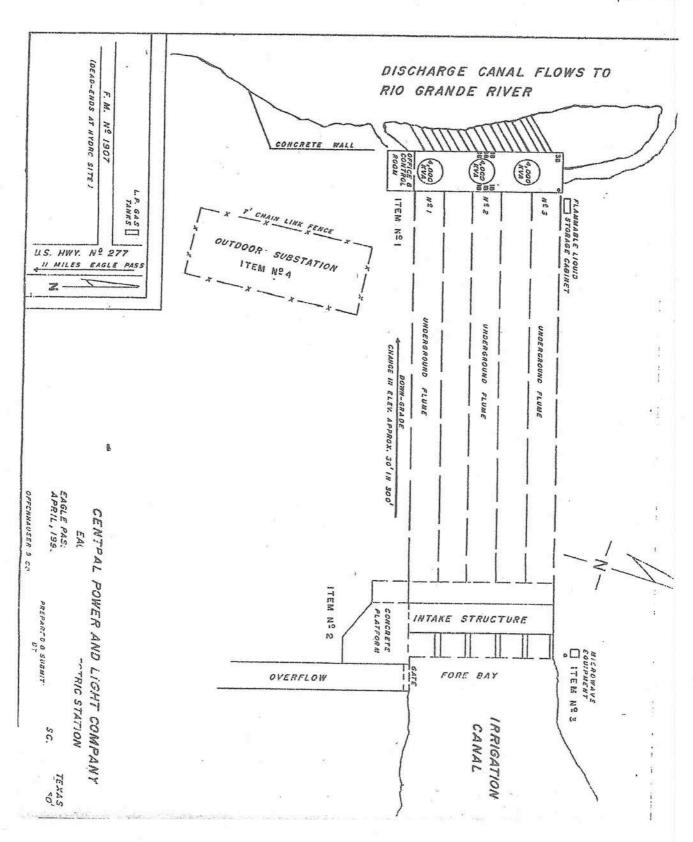


Maverick County WCID No. 1 WQ0004149000 June 2024



Attachment C

Flow Diagram



Attachment D

Core Data Form



TCEQ Core Data Form

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

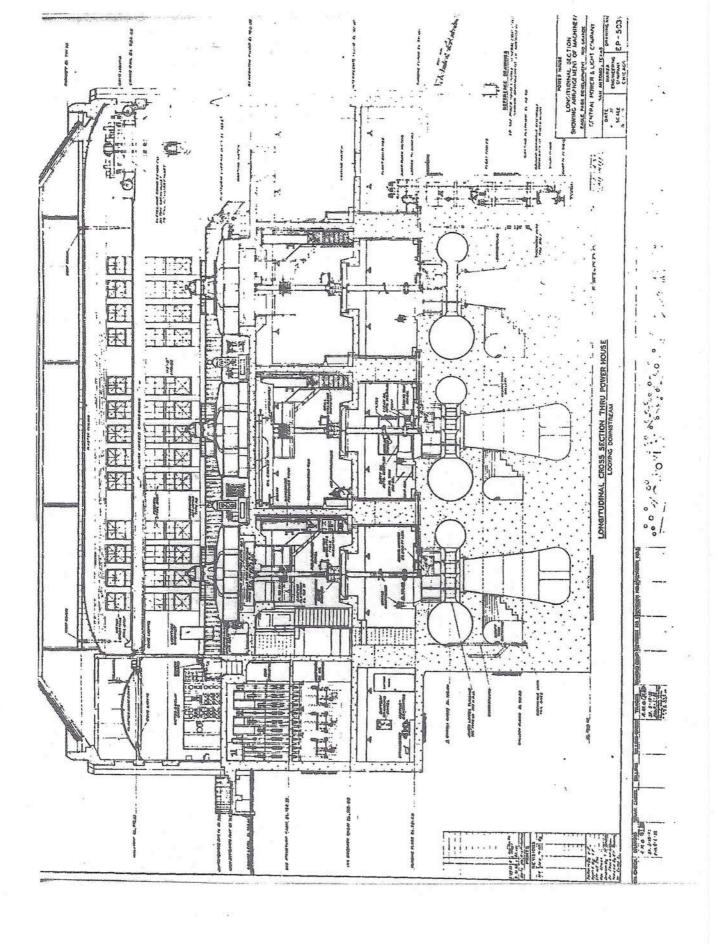
SECTION I: General Information

		sion (<i>If other is checke</i> ration or Authorization					he pro	aram (application.)	Terr		
177		Form should be subn					П	Other	77			
	r Referenc	e Number (if issued)		Follow this	s link to se	rs in	3. Re			eferenc	e Number (ij	fissued)
SECTION	II NC	: Custome	r Infor	matic	on	L						
4. General 0	Customer I	nformation	5. Effective	Date for (Custome	r Inform	ation	1 Upda	ates (mm/dd	/vvvv)	Description.	
New Cust		(Verifiable with the T	Jpdate to Custo	mer Inform	nation		Cha	nge in	Regulated En	3337777	nership .	-
		ubmitted here may coller of Public Acco		utomatica	ally based	d on wh	at is (curren	t and active	with t	the Texas Sec	cretary of State
6. Customer	Legal Nan	ne (If an individual, pr	int last name fil	rst: eg: Doe,	, John)			If ne	ew Customer,	enter p	revious Custon	ner below:
Maverick Cou	ntv Water C	ontrol and Improvem	ent District No	1								
7. TX SOS/C			8. TX State		digits)			(9 di	ederal Tax I igits) 5000706	D	10. DUNS applicable)	Number (if
11. Type of	11. Type of Customer: Corporation								dual Partnership:			neral Limited
Government:	☐ City 🛛	County 🔲 Federal 🗀	Local State	Other			Sole P	ropriet	torship	□ o1	ther:	
12. Number □ 0-20 ⊠		ees] 101-250 251	-500 501	and higher				13.		ntly Ow No	ned and Ope	erated?
Occupation	nal Licensee	posed or Actual) – as Operator Responsible Pa	rty Ü	Regulated E rner & Oper VCP/BSA Ap	rator	d on this	form.	Please	Other:	f the foll	lowing	
15. Mailing Address:				,		A HOUSE STATE					11:05:11(2)(12)(12)(12)(12)(12)(12)(12)(12)(12	
Address:	City	Eagle Pass		State	TX	Z	IP	7885	52		ZIP + 4	
16. Country	Mailing Int	ormation (if outside	USA)			17. E-M	ail A	ddress	(if applicable	e)		
						maverick	cid1@	gmail	.com			
18. Telephor (830) 773-5			1	9. Extensi	on or Co	de			20. Fax N	umber -	(if applicable)	
SECTIO	N III	: Regulate	ed Entit	ty Inf	forma	atio	n					
21. General		Entity Information Update to Regu		1						equired.)	
The Regulate as Inc, LP, or		ame submitted ma	y be updated,	in order t	to meet T	CEQ Co	re Da	ta Sta	ndards (ren	noval o	of organization	onal endings such
22. Regulate	d Entity Na	ame (Enter name of t	he site where th	e regulated	action is t	taking plo	ace.)					
Eagle Pass Pov	ver Station											
23. Street Ac		264 Power Plant I	Road									

City Eagle Pass State TX ZIP 78852 ZIP+4 24. County Maverick If no Street Address is provided, fields 25-28 are required. 25. Description to Physical Location: 26. Nearest City State Nearest ZIP Code Eagle Pass TX 78852 26. Nearest City State Nearest City State Physical Address may used to supply coordinates where none have been provided or to gain accuracy). 27. Latitude (N) in Decimal: 28. 229848 28. Longitude (W) in Decimal: -100.552541 Degrees Minutes Seconds Seconds Degrees Minutes Seconds (4 digits) (5 or 6 digits) (5 or 6 digits) (7 or 6 digits) (8 digits) (8 digits) (9 digi	(No PO Boxes)											
If no Street Address is provided, fields 25-28 are required.		City	Eagle Pa	ss	State	TX	ZIP		78852		ZIP + 4	T
25. Description to Physical Location: Physical Location: Physical Location: State Nearest ZIP Code Regise Pass TX 78852 Lotitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may used to supply coordinates where none have been provided or to gain accuracy). 27. Latitude (N) in Decimal: 28. 829848 28. Longitude (W) in Decimal: 29. Primary NAICS Code 29. Primary SIC Code 29. Primary SIC Code 29. Primary SIC Code 29. Primary SIC Code 29. Or deligits) 30. Secondary SIC Code 20. Secondary SIC Code 2	24. County	Maver	rick									
Physical Location: State Nearest ZIP Code Ragle Pass TX 78852		1	If no	Street Add	ress is pro	vided, field	s 25-28 a	are rec	juired.			
Eagle Pass Lotitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may used to supply coordinates where none have been provided or to gain accuracy). 27. Latitude (N) in Decimal: 28.329848	1834 M. H.				*		= 12.11*** <u>0</u> *					
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4 digits) (4 digits) (5 or 6 digits) (6 digits) (7 di	Degrees	Minute	es	Second	ds	Deg	grees		Minu	ites		Seconds
33. What is the Primary Business of this entity? (Do not repeat the SIC or NAICS description.) 34. Mailing 35. E-Mail Address: City Eagle Pass State TX ZIP 78852 ZIP+4 36. Telephone Number 37. Extension or Code 38. Fax Number (If applicable) 38. Or Table 20 City Eagle Pass State TX Sice TX		ode		y SIC Code				CS Cod				CS Code
1622 Maverick Industrial Road 1623 Maverick Industrial Road 1624 Maverick Industrial Road 1625 Maverick Industrial Road 1626 Maverick Industrial Road 1626 Maverick Industrial Road 1626 Maverick Industrial Road 172						221111					-1.	
16.22 Maverick Industrial Road 16.24 Mailing 16.25 Maverick Industrial Road 17.	33. What is the Pr	rimary Business	of this entity?	(Do not re	peat the SIC		scription)					·
Address: City Eagle Pass State TX ZIP 78852 ZIP+4 35. E-Mail Address: maverickeid1@gmail.com 36. Telephone Number 37. Extension or Code 38. Fax Number (if applicable) 38. Textension or Code 38. Fax Number (if applicable) 39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on the core bate Form instructions for additional guidance. Dam Safety Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wall Municipal Solid Waste New Source Review Air PWS Sludge Storm Water Title V Air Tires Used Oil Voluntary Cleanup Wastewater Wastewater Agriculture Water Rights Other: WQ0004149000 SECTION IV: Preparer Information D. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address Stephanie@landsmanenviro.com SECTION V: Authorized Signature E. Wy 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 aut 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. Suppany: Maverick County WCID #1 Job Title: General Manager 38. Fax Number 28. Fax Number 29. Title VAIr Title VAIR Title: Wastewater Phone: (830) 773-5129				100,000,0								
Address: City Eagle Pass State TX ZIP 78852 ZIP + 4 35. E-Mail Address: maverickcid1@gmail.com 36. Telephone Number 37. Extension or Code 38. Fax Number (if applicable) 37. Extension or Code 38. Fax Number (if applicable) 38. Telephone Number (if applicable) 39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on the rim. See the Core Data Form instructions for additional guidance. Dam Safety Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wall Municipal Solid Waste New Source Review Air Sludge Storm Water Title V Air Tires Used Oil Voluntary Cleanup Wastewater Wastewater Agriculture Water Rights Other: WQ0004149000 SECTION IV: Preparer Information 9. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 181) 558-5899 () - stephanie@landsmanenviro.com SECTION V: Authorized Signature 6. 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 aut 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. Sempany: Maverick County WCID #1 Job Title: General Manager ame (In Print): Brenda McCalip Phone: (830) 773-5129	34. Mailing	1622	Maverick Industr	rial Road	20							
35. E-Mail Address: maverickcid1@gmail.com 36. Telephone Number 37. Extension or Code 38. Fax Number (if applicable) (1) - 9. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on the form. See the Core Data Form instructions for additional guidance. Dam Safety Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wa Municipal Solid Waste New Source Review Air Title V Air Title V Air Titres Used Oil Voluntary Cleanup WQ0004149000 Wastewater WQ0004149000 Do Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist Z. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 281) 658-5899 (1) - 35 SECTION V: Authorized Signature 55 Sp my signature below, I certify, to the best of my knowledge, that the information provided in 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. Dompany: Maverick County WCID #1 Dob Title: Brenda McCalip Phone: (830) 773-5129			Eurolia I									
37. Extension or Code 38. Fax Number (if applicable) 38. Total number (if applicable) 39. Popping (if applicable) 39. Total number (City	y Eagle Pas	ss	State	TX	ZI	Р	78852		ZIP+4	
CECTION IV: Preparer Information Wastewater Agriculture Wastewater Permitting Specialist Wastewater Permitting Sp	5. E-Mail Addres	s:	maverickcid1@	gmail.com								
Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wa Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wa Districts Edwards Aquifer Petroleum Storage Tank PWS	36. Telephone Nu	mber		37. E	xtension o	r Code		38. Fa	x Number (i	f applicabl	e)	
Dam Safety	830) 773-5129							()				
Dam Safety	9. TCEQ Programs	and ID Numbe	rs Check all Prog	rams and wr	ite in the pe	rmits/registra	ation nun	bers th	nat will be aff	ected by th	ne updates	submitted on this
Municipal Solid Waste												
Review Air Sludge	☐ Dam Safety		Districts	L Edwa	rds Aquifer		L Em	issions	Inventory Air		Industria	l Hazardous Was
Review Air Sludge			N- 6	 						-		
Voluntary Cleanup	Municipal Solid V	Maste		OSSF			Petroleum S		roleum Storage Tank		□ _{PWS}	
Voluntary Cleanup Wastewater Wastewater Agriculture Water Rights Other: WQ0004149000 Wastewater Agriculture Water Rights Other: WQ0004149000 Wastewater Permitting Specialist D. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist D. Name: Stephanie Landsman 45. E-Mail Address	Sludge		Storm Water	Title	V Air		Tires		5		Used Oil	
SECTION IV: Preparer Information D. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address stephanie@landsmanenviro.com SECTION V: Authorized Signature 5. 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 autisubmit 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. Dempany: Maverick County WCID #1 Brenda McCalip Phone: (830) 773-5129												
Stephanie Landsman 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 281) 658-5899 () - stephanie@landsmanenviro.com SECTION V: Authorized Signature 5. 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 autisubmit 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. Sempany: Maverick County WCID #1 Brenda McCalip Phone: (830) 773-5129	☐ Voluntary Cleanu	ıb 🛛	Wastewater	☐ Wast	ewater Agri	culture	☐ Wa	ter Rigl	nts		Other:	
A1. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 2. Stephanie@landsmanenviro.com SECTION V: Authorized Signature 3. 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 autisubmit 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. Tompany: Maverick County WCID #1 Job Title: General Manager Ame (In Print): Brenda McCalip Phone: (830) 773-5129		wo	20004149000									
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2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 181) 658-5899 () - stephanie@landsmanenviro.com SECTION V: Authorized Signature 18. 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 autisubmit 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. 18. Dempary: Maverick County WCID #1 Job Title: General Manager 18. Dempary: Brenda McCalip Phone: (830) 773-5129). Name: Step	hanie Landsman			****	41. Title	: w	astewa	ter Permittin	g Specialis	t	
SECTION V: Authorized Signature Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39. Maverick County WCID #1 Brenda McCalip Stephanie@landsmanenviro.com Stephanie@land			Fxt /Code	44 Fax Nu	mher		215 (15)		785.	8 op column		TOVER STEEL
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 aut 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. Dempany: Maverick County WCID #1 Job Title: General Manager Phone: (830) 773-5129		33.1	LXt., code	/ /	illibe!				aviro com			
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ompany: Maverick County WCID #1 Job Title: General Manager ame (In Print): Brenda McCalip Phone: (830) 773-5129	. By my signature b	elow, I certify, to	the best of my k	nowledge, th	at the infor							
ame (In Print): Brenda McCalip Phone: (830) 773-5129		inger sassansa ay	MONTH (1975) (1975)	ection II, Fiel	a o anu/or a	The second				c. 3 identili	ea in neid :	
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Attachment E

Facility Diagram



Candice Calhoun

From: Stephanie Landsman < stephanie@landsmanenviro.com>

Sent: Tuesday, August 6, 2024 9:58 AM

To: Candice Calhoun

Subject: Maverick County WCID #1

Attachments: Maverick County Final Attachments.pdf

Follow Up Flag: Follow up Flag Status: Flagged

Here are the attachments that were submitted with the application. I am waiting on an email address for the second permit contact.

--

Stephanie Landsman Wastewater Specialist Landsman Environmental LLC 9597 Jones Road #962 Jersey Village, TX 77065 (281)-658-5899



Candice Calhoun

From: Stephanie Landsman < stephanie@landsmanenviro.com> Sent: Tuesday, August 13, 2024 9:22 AM Candice Calhoun To: Subject: Re: Maverick County WCID Renewal. WQ0004149000 **Attachments:** Maverick County Permit Contact.pdf **Follow Up Flag:** Follow up Flag Status: Flagged Try this! On Tue, Aug 13, 2024 at 9:10 AM Stephanie Landsman < stephanie@landsmanenviro.com> wrote: I did that-let me see what I did with it! On Tue, Aug 13, 2024 at 9:06 AM Candice Calhoun < <u>Candice.Calhoun@tceq.texas.gov</u>> wrote: Mr. Landsman, Thank you for providing the Technical Report 1.0. I am now just waiting on the 2nd permit contact information, in order to declare the application administratively complete. Thank you,



Candice Calhoun

Texas Commission on Environmental Quality

Water Quality Division

512-239-4312 candice.calhoun@tceq.texas.gov

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

From: Stephanie Landsman < stephanie@landsmanenviro.com>

Sent: Tuesday, August 13, 2024 9:03 AM

To: Candice Calhoun <Candice.Calhoun@tceq.texas.gov>; BRENDA MCCALIP <mayerickcid1@gmail.com>; Thomas

Starr < Thomas. Starr@Tceq. Texas. Gov>

Subject: Re: Maverick County WCID Renewal. WQ0004149000

I'm not sure where all my files are going! Here is the technical report that was submitted in July-4 hard copies and 1 electronic! The lab pages were not included because we hadn't received even the first report yet. Please let me know what else I can do today!

On Tue, Aug 13, 2024 at 8:51 AM Candice Calhoun < Candice.Calhoun@tceq.texas.gov> wrote:

Good morning, Ms. Landsman,

This application has not been declared administratively complete, as we are still missing some items. Since this has not been declared administratively complete, the technical team may not have started their review, as their time doesn't officially begin until it finishes the administrative review. We do send a courtesy email informing the teams of which reviews need to be completed by the teams, that way if they want to begin their review early, they can. Mr. Thomas Starr is the individual I sent the application information over to, and he is the individual who had informed me of the missing pages from the worksheets. I will place his contact information below. Also, I have attached the previous email, which states which items are still missing.

Mr. Thomas Starr

512-239-4570

Thomas.starr@tceq.texas.gov

Please let me know if you have any additional questions.

Regards,

Candice Calhoun



Texas Commission on Environmental Quality

Water Quality Division

512-239-4312 candice.calhoun@tceq.texas.gov

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

From: Stephanie Landsman < stephanie@landsmanenviro.com>

Sent: Tuesday, August 13, 2024 8:07 AM

To: Candice Calhoun < <u>Candice.Calhoun@tceq.texas.gov</u>> **Subject:** Maverick County WCID Renewal. WQ0004149000

Would you please tell me who is working on the technical review of this one? We have one set of results but the lab never sent the kits for the other 3 weeks and we are trying to straighten this out today.

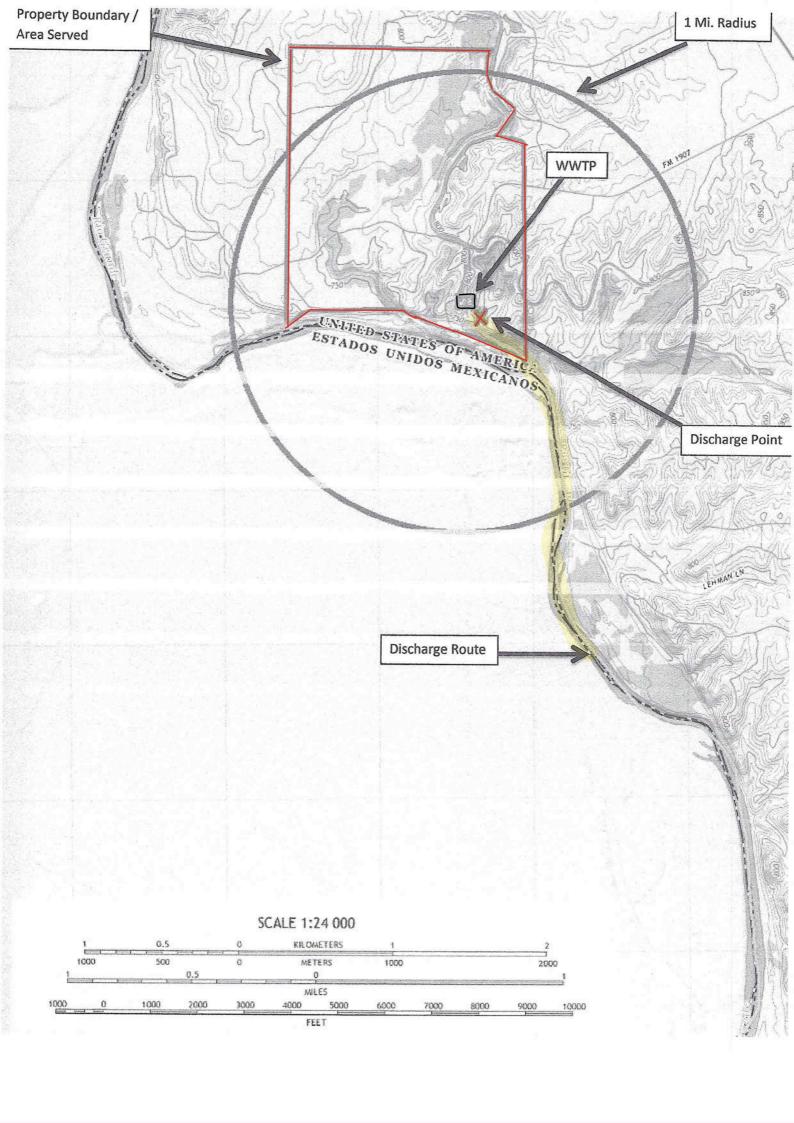
I am not in very good shape today but will try to stay in touch as much as possible, been sick since Friday but don't want to lose this application because of the lab's mistake.

Attachment Index

Attachment	Title	
А	Original USGS Topographic Map	
В	Site Drawing	
С	Flow Diagram	
D	Core Data Form	
E	Facility Diagram	

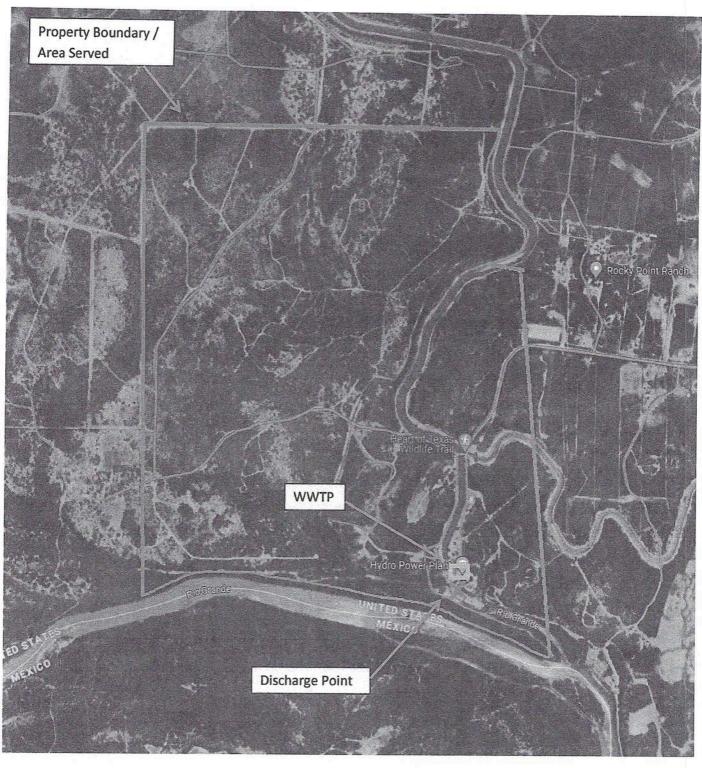
Attachment A

Original Topographic Map



Attachment B

Site Drawing

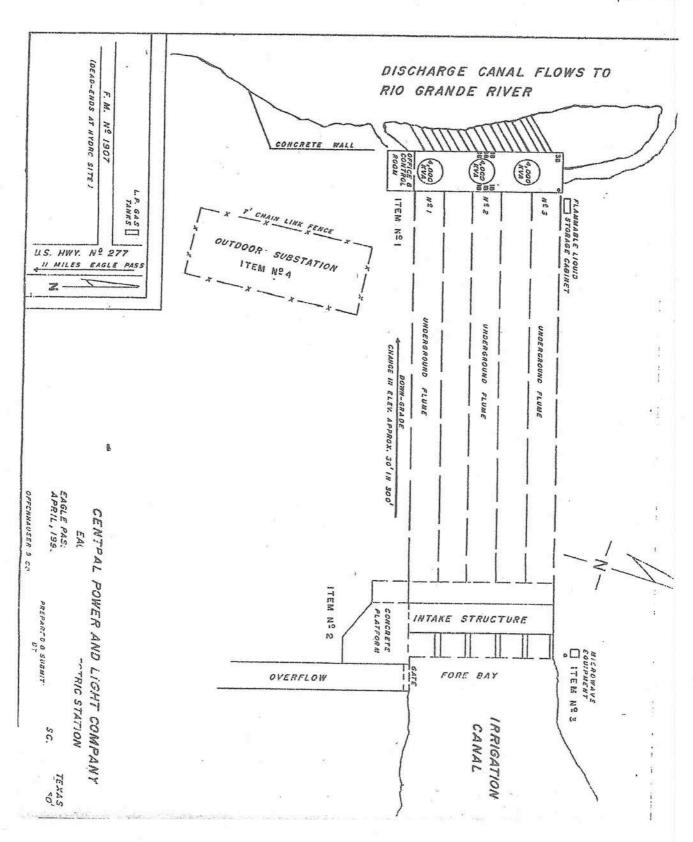


Maverick County WCID No. 1 WQ0004149000 June 2024



Attachment C

Flow Diagram



Attachment D

Core Data Form



TCEQ Core Data Form

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

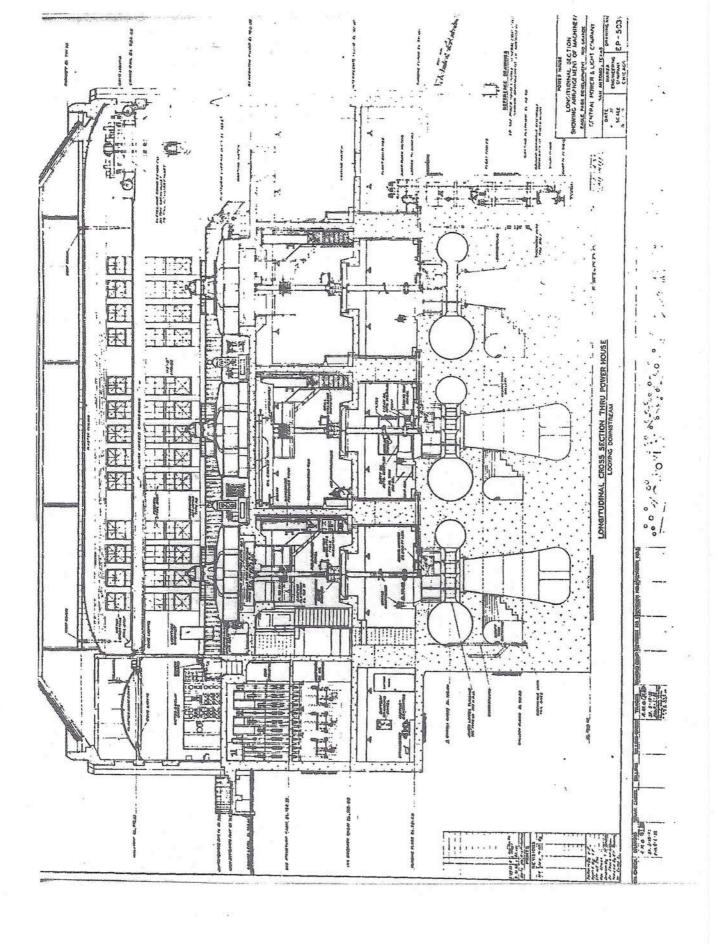
SECTION I: General Information

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177		Form should be subn					П	Other	77			
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16. Country	Mailing Int	ormation (if outside	USA)			17. E-M	ail A	ddress	(if applicable	e)		
						maverick	cid1@	gmail	.com			
18. Telephor (830) 773-5			1	9. Extensi	on or Co	de			20. Fax N	umber -	(if applicable)	
SECTIO	N III	: Regulate	ed Entit	ty Inf	forma	atio	n					
21. General		Entity Information Update to Regu		1						equired.)	
The Regulate as Inc, LP, or		ame submitted ma	y be updated,	in order t	to meet T	CEQ Co	re Da	ta Sta	ndards (ren	noval o	of organization	onal endings such
22. Regulate	d Entity Na	ame (Enter name of t	he site where th	e regulated	action is t	taking plo	ace.)					
Eagle Pass Pov	ver Station											
23. Street Ac		264 Power Plant I	Road									

City Eagle Pass State TX ZIP 78852 ZIP+4 24. County Maverick If no Street Address is provided, fields 25-28 are required. 25. Description to Physical Location: 26. Nearest City State Nearest ZIP Code Eagle Pass TX 78852 26. Nearest City State Nearest City State Physical Address may used to supply coordinates where none have been provided or to gain accuracy). 27. Latitude (N) in Decimal: 28. 229848 28. Longitude (W) in Decimal: -100.552541 Degrees Minutes Seconds Seconds Degrees Minutes Seconds (4 digits) (5 or 6 digits) (5 or 6 digits) (7 or 6 digits) (8 digits) (8 digits) (9 digi	(No PO Boxes)											
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16.22 Maverick Industrial Road 16.24 Mailing 16.25 Maverick Industrial Road 17.	33. What is the Pr	rimary Business	of this entity?	(Do not re	peat the SIC		scription)					·
Address: City Eagle Pass State TX ZIP 78852 ZIP+4 35. E-Mail Address: maverickeid1@gmail.com 36. Telephone Number 37. Extension or Code 38. Fax Number (if applicable) 38. Textension or Code 38. Fax Number (if applicable) 39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on the core bate Form instructions for additional guidance. Dam Safety Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wall Municipal Solid Waste New Source Review Air PWS Sludge Storm Water Title V Air Tires Used Oil Voluntary Cleanup Wastewater Wastewater Agriculture Water Rights Other: WQ0004149000 SECTION IV: Preparer Information D. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address Stephanie@landsmanenviro.com SECTION V: Authorized Signature E. Wy 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 aut 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. Suppany: Maverick County WCID #1 Job Title: General Manager 38. Fax Number 28. Fax Number 29. Title VAIr Title VAIR Title: Wastewater Phone: (830) 773-5129				100,000,0								
Address: City Eagle Pass State TX ZIP 78852 ZIP + 4 35. E-Mail Address: maverickcid1@gmail.com 36. Telephone Number 37. Extension or Code 38. Fax Number (if applicable) 37. Extension or Code 38. Fax Number (if applicable) 38. Telephone Number (if applicable) 39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on the rim. See the Core Data Form instructions for additional guidance. Dam Safety Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wall Municipal Solid Waste New Source Review Air Sludge Storm Water Title V Air Tires Used Oil Voluntary Cleanup Wastewater Wastewater Agriculture Water Rights Other: WQ0004149000 SECTION IV: Preparer Information 9. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 181) 558-5899 () - stephanie@landsmanenviro.com SECTION V: Authorized Signature 6. 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 aut 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. Sempany: Maverick County WCID #1 Job Title: General Manager ame (In Print): Brenda McCalip Phone: (830) 773-5129	34. Mailing	1622	Maverick Industr	rial Road	20							
35. E-Mail Address: maverickcid1@gmail.com 36. Telephone Number 37. Extension or Code 38. Fax Number (if applicable) (1) - 9. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on the form. See the Core Data Form instructions for additional guidance. Dam Safety Districts Edwards Aquifer Emissions Inventory Air Industrial Hazardous Wa Municipal Solid Waste New Source Review Air Title V Air Title V Air Titres Used Oil Voluntary Cleanup WQ0004149000 Wastewater WQ0004149000 Do Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist Z. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 281) 658-5899 (1) - 35 SECTION V: Authorized Signature 55 Sp my signature below, I certify, to the best of my knowledge, that the information provided in 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. Dompany: Maverick County WCID #1 Dob Title: Brenda McCalip Phone: (830) 773-5129			Supplied Total									
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Dam Safety	9. TCEQ Programs	and ID Numbe	rs Check all Prog	rams and wr	ite in the pe	rmits/registra	ation nun	bers th	nat will be aff	ected by th	ne updates	submitted on this
Municipal Solid Waste												
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Voluntary Cleanup	Municipal Solid V	Maste		OSSF			Petroleum S		roleum Storage Tank		□ _{PWS}	
Voluntary Cleanup Wastewater Wastewater Agriculture Water Rights Other: WQ0004149000 Wastewater Agriculture Water Rights Other: WQ0004149000 Wastewater Permitting Specialist D. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist D. Name: Stephanie Landsman 45. E-Mail Address	Sludge		Storm Water	Title	V Air		Tires		5		Used Oil	
SECTION IV: Preparer Information D. Name: Stephanie Landsman 41. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address stephanie@landsmanenviro.com SECTION V: Authorized Signature 5. 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 autisubmit 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. Dempany: Maverick County WCID #1 Brenda McCalip Phone: (830) 773-5129												
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A1. Title: Wastewater Permitting Specialist 2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 2. Stephanie@landsmanenviro.com SECTION V: Authorized Signature 3. 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 autisubmit 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. Tompany: Maverick County WCID #1 Job Title: General Manager Ame (In Print): Brenda McCalip Phone: (830) 773-5129		wo	20004149000									
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2. Telephone Number 43. Ext./Code 44. Fax Number 45. E-Mail Address 181) 658-5899 () - stephanie@landsmanenviro.com SECTION V: Authorized Signature 18. 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 autisubmit 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. 18. Dempary: Maverick County WCID #1 Job Title: General Manager 18. Dempary: Brenda McCalip Phone: (830) 773-5129). Name: Step	hanie Landsman			****	41. Title	: w	astewa	ter Permittin	g Specialis	t	
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ompany: Maverick County WCID #1 Job Title: General Manager ame (In Print): Brenda McCalip Phone: (830) 773-5129	. By my signature b	elow, I certify, to	the best of my k	nowledge, th	at the infor							
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Attachment E

Facility Diagram



TECHNICAL REPORT 1.0 INDUSTRIAL

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, refer to the <u>Instructions for Completing the Industrial Wastewater Permit Application</u>¹ available on the TCEQ website.

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.

a. Describe the general nature of the business and type(s) of industrial and commercial activities. Include

1. FACILITY/SITE INFORMATION (Instructions, Pages 39-40)

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

The facility contains a drain system to capture leaking water from the turbine shafts and equipment inside the plant. The drain system terminates in a common oil/water separator and sump. Oil is skimmed off the surface of the sump and is disposed of properly. Wastewater from the sump is monitored via internal outfall 101 prior to discharge via external outfall 001. The facility also utilizes non-contact cooling water in three small heat exchangers (turbine oil coolers) to cool hydraulic oil used for bearing lubrication and turbine control. There is no chemical treatment of the non-contact cooling water, and it is commingled with the previously monitored effluent from internal outfall 101 prior to discharge via outfall 001. The facility occasionally discharges intermittent volumes of non-process are storm water from roof rains on the main plant building that are also route to outfall oot for discharge.

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** Mechanical energy electricity water Attachment: 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: E e. Is this a new permit application for an existing facility? Yes No If yes, provide background discussion: 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: Flood Hazard Boundary Map-Mayerick County 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: Attachment: 5. For now or major amandment permit applications, will any construction operations result in a discharge of fill material into a water in the state? N/A (renewal only) No h. If yes to Item 1.g, has the applicant applied for a USACE CWA Chapter 404 Dredge and Fill permit? No Yes If yes, provide the permit number: If no, provide an approximate date of application submittal to the USACE:

2. TREATMENT SYSTEM (Instructions, Page 4)	
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And II	20 × 10

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.

Filtration (traveling screens) is accomplished at the plant's intake structure for removal of solid debris for the pass-through water and the make-up water for the turbine oil coolers. Solid debris is removed and handled/removed as a solid waste by the Maverick County Irrigation District. Oil/water separator is used in conjunction with the sump at internal outfall 101 for separation/removal of oil and/or oily debris prior to commingling with non-contact cooling water from the turbine oil coolers and/or intermittent storm water from the roof drains. The commingled waste streams are then ultimately discharged via external outfall 001.

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: C

3. IMPOUNDMENTS (Instructions, Pages 40-42)

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: 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).

Page 3 of 77

Impoundment Information

Parameter	Pond #	Pond #	Pond #	Pond #
Use Designation: (T) (D) (C) or (E)				
Associated Outfall Number				
Liner Type (C) (I) (S) or (A)	T			
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	14			
Freeboard (ft)				
Surface Area (acres)				
Storage Capacity (gallons)				
40 CFR Part 257, Subpart D, Y/N				
Date of Construction				

Impoundment Information

Parameter	Pond #	Pond #	Pond #	Pond #
Use Designation: (T) (D) (C) or (E)				
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:

Th	e fo	llowi	ing inforn	nation	(Items	3.b –	3.e) is required only for new or proposed i	mpoundments.		
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 .									
	i.	Lin	er data							
			Yes		No		Not yet designed			
	ii. Leak detection system or groundwater monitoring data									
		П	Yes		No		Not yet designed			
	iii.	iii. Groundwater impacts								
			Yes		No		Not yet designed			
	NOTE: Item b.iii is required if the bottom of the pond is not above the seasonal high-water tal the shallowest water-bearing zone.									
	Attachment:									
Fo	r T	LAI	P applic	ation	ns: Item	ıs 3.0	e – 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.									
A		Attachment:								
d.	Attach copies of State Water Well Reports (e.g., driller's logs, completion data, etc.), and data on depth to groundwater for all known water supply wells including a description of how the depths to groundwater were obtained.									
	Attachment:									
e.	pot	Attach information pertaining to the groundwater, soils, geology, pond liner, etc. used to assess the optential for migration of wastes from the impoundments or the potential for contamination of groundwater or surface water.								
	Attachment:									
4.			rfall es 42-2		SPOSA	LM	ETHOD INFORMATION (Instr	uctions,		
	mpl	ete t	he followi	ing tal			the location and wastewater discharge or displayed for each point of disposal for TLAP operation			
If t	her	e are r nur	more out	tfalls/	points of	dispo	sal at the facility than the spaces provided, cop 6a, 6b, etc.) may be used to provide information	pies of pages 6		
po me	nd I etho	E, or d fol	subsurfaction lowed by	ce drai a num	inage syst terical de	tem S signat	lisposal method and each individual irrigation by providing the appropriate letter designation for each disposal area in the space provide 12 for irrigation area No. 2, etc.).	on for the disposal		
TC	FO.	0055	(05/20/20	oo) Ind	netrial Was	towata	r Application Technical Report	Page 5 of 777		

Outfall Latitude and Longitude

Outfall Number	Latitude-decimal degrees	Longitude-decimal degrees
001	28.829167	-100.550833
101	28.829167	-100.550833

Outfall Location Description

Outfall Number	Location Description
001	Discharge-side of sump in plant prior to being routed into discharge canal via pipe
101	Oil/water separator in plant

Description of Sampling Points (if different from Outfall location)

Outfall Number	Description of Sampling Point		
		saa	

Outfall Flow Information – Permitted and Proposed

(MGD)	(MGD)	Avg Flow (MGD)	Max Flow (MGD)	Discharge Date (mm/dd/yy)
Report	0.116	N/A	N/A	N/A
Report	0.0288	N/A	N/A	N/A
	Report	Report 0.116	Report 0.116 N/A	Report 0.116 N/A N/A

Outfall Discharge - Method and Measurement

Outfall Number	Pumped Discharge? Y/N	Gravity Discharge? Y/N	Type of Flow Measurement Device Used
001	N	Y	Estimated
101	Y	N	Estimated

Outfall Discharge - Flow Characteristics

Outfall Number	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	Y	N	24	31	12

Wastestream Contributions

Contributing Wastestreams	Volume (MGD)	% of Total Flow
Turbine leakage collected from floor drain and routed to oil/water separator	0.0457	41-61%
Non-contact cooling water from turbine oil coolers	0.029	25-38%
Intermittent non-process area storm water from roof drains on main plant building	0-0.04	0-34%
Outfall No.:		
Contributing Wastestreams	Volume (MGD)	% of Total Flow

Outfall No.:

Contributing Wastestreams	Volume (MGD)	% of Total Flow

Attachment:

BLOWDOWN AND ONCE-THROUGH COOLING WATER DISCHARGES (Instructions, Page 44)

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

wastestreams to the outfall(s)? \boxtimes

Yes

a. Does the facility use/propose to use any cooling towers which discharge blowdown or other

b.	Does the facility use or plan to use any boilers that discharge blowdown or other wastestreams to the outfall(s)?						
		Yes	\boxtimes	No			
c.	Doe	s or will t	the fac	ility discharge once-through c	ooling water to the outfall(s	s)?	
		Yes	\boxtimes	No			
	NO'	TE: If the	e facili	ty uses or plans to use once-th	arough cooling water, Item	12 is required.	
d.	If yo	es to Iten tive.	ns 5.a,	5.b, or 5.c, attach the SDS wi	th the following information	ı for each chemical	
e.	(i) (ii) (iii) (iii	Chemical Classify peroduct of Frequence Product to Concentrate the sum testream achment ling Towers to either	comporoduce or active y of provincity action of and the care and the care are are are are are are are are are	g., biocide, fungicide, corrosionosition including CASRN for et as non-persistent, persistent re ingredient half-life roduct use (e.g., 2 hours/day of data specific to fish and aquatof whole product or active ingredient information in additionate associated chemical additive a	each ingredient , or bioaccumulative once every two weeks) tic invertebrate organisms redient, as appropriate, in was to the submittal of the SDS es and specify which outfall	S for each specific	
		e of Uni		Number of Units	Dly Avg Blowdown	Dly Max Blowdown	
	Coo	oling Towe	ers	0	(gallons/day)	(gallons/day)	
	Boil			0	0	0	
as o	e ther define Ye Yes, b	re any exi ed at 40 (es	sting/j CFR § No scribe osure	FER MANAGEMENT proposed outfalls which disch 122.26(b)(14), commingled with the industrial processes and a of the activities or materials to	arge stormwater associated ith any other wastestream? ctivities that occur outdoors stormwater:	with industrial activities,	
				**************************************		3 7 7 7	

7. DOMESTIC SEWAGE, SEWAGE SLUDGE, AND	SEPTAGE
MANAGEMENT AND DISPOSAL (Instructions,	

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 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 drain				
	☐ Domestic and industrial treatment sludge ARE commingled				
	Industrial wastewater and domestic sewage are treated separate commingled prior to sludge use or disposal. Complete Wor	ely, and the respective sludge IS NOT ksheet 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:				
b.	Provide the name and TCEQ, NPDES, or TPDES Permit No. of the receives the domestic sewage/septage. If hauled by motorized veh Registration No. of the hauler.	e waste-disposal facility which icle, provide the name and TCEQ			
	Domestic Sewage Plant/Hauler Name				
	Plant/Hauler Name	Permit/Registration No.			
	Siesta Septic Service	24054			
8.	IMPROVEMENTS OR COMPLIANCE/ENFO REQUIREMENTS (Instructions, Page 45)	RCEMENT			
a.	Is the permittee currently required to meet any implementation so enforcement?	chedule for compliance or			
	□ 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 require	ments and a status update:			
9.	TOXICITY TESTING (Instructions, Page 45)				
	ive any biological tests for acute or chronic toxicity been made on a ter in relation to the discharge within the last three years?	ny of the discharges or on a receiving			
	Yes 🛛 No				
If y	yes, identify the tests and describe their purposes:				
Ad	ditionally, attach a copy of all tests performed which have not bee	n submitted to the TCEQ or EPA.			
TC	EQ-10055 (05/20/2022) Industrial Wastewater Application Technical Report	Page 10 of 77			

a. Does or will the facility receive wastes from off-site sources for treatment at the facility, disposal on-sit 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. 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: 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: 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. 11. RADIOACTIVE MATERIALS (Instructions, Pages 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	10	O. OFF-SITE/THIRD PARTY WASTES (Instr	uctions, Page 45)		
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: 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: 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.o of this application is required. 11. RADIOACTIVE MATERIALS (Instructions, Pages 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	a.	Does or will the facility receive wastes from off-site sources for twia land application, or discharge via a permitted outfall?	treatment at the facility, disposal on-sit		
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: 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: 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. 11. RADIOACTIVE MATERIALS (Instructions, Pages 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		□ Yes ⊠ No			
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: Lis 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: Lis 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. 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		If yes, provide responses to Items 10.b through 10.d below.			
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: List 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: I. 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. 11. RADIOACTIVE MATERIALS (Instructions, Pages 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		If no, proceed to Item 11.			
 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: 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: 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. RADIOACTIVE MATERIALS (Instructions, Pages 46) 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 	b.	o. Attach the following information to the application:			
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: I. 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. 11. RADIOACTIVE MATERIALS (Instructions, Pages 46) 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		 Identify the sources of wastes received (including the legal n 	ame and addresses of the generators).		
facility's wastewater after final treatment and prior to discharge via the final outfall/point of disposal? Yes		Attachment:			
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: 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. 11. RADIOACTIVE MATERIALS (Instructions, Pages 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	c.	2. Is or will wastewater from another TCEQ, NPDES, or TPDES permitted facility commingled with the facility's wastewater after final treatment and prior to discharge via the final outfall/point of dispose			
facility and a copy of any agreements or contracts relating to this activity. Attachment: 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 No If yes, Worksheet 6.0 of this application is required. 11. RADIOACTIVE MATERIALS (Instructions, Pages 46) a. Are/will radioactive materials be mined, used, stored, or processed at this facility? Yes No 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		□ Yes □ No			
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. 11. RADIOACTIVE MATERIALS (Instructions, Pages 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		If yes, provide the name, address, and TCEQ, NPDES, or TPDEs facility and a copy of any agreements or contracts relating to this	S permit number of the contributing s activity.		
have an approved pretreatment program under the NPDES/TPDES program? Yes		Attachment:			
If yes, Worksheet 6.0 of this application is required. 11. RADIOACTIVE MATERIALS (Instructions, Pages 46) 12. Are/will radioactive materials be mined, used, stored, or processed at this facility? 12. Yes 13. No 14. 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. 13. Radioactive Materials Mined, Used, Stored, or Processed	d.	Is this facility a POTW that accepts/will accept process wastewa have an approved pretreatment program under the NPDES/TPI	ter from any SIU and has/is required to DES program?		
11. RADIOACTIVE MATERIALS (Instructions, Pages 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		☐ Yes ☐ No			
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		If yes, Worksheet 6.0 of this application is required.			
☐ 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	11	. RADIOACTIVE MATERIALS (Instructions	, Pages 46)		
☐ 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	1	Are/will radioactive materials be mined used stored or process	sed at this facility?		
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	•		ood at this facility.		
		If yes, use the following table to provide the results of one analy	sis of the effluent for all radioactive		
Radioactive Material Concentration (pCi/L)		Radioactive Materials Mined, Used, Stored, or Processed			
		Radioactive Material	Concentration (pCi/L)		

Attachment:

υ.	materials may be present in the discharge, including naturally occurring radioactive materials in the source waters or on the facility property?								
		□ Yes □ No							
	res	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						Concentration (pCi/L)	
	-								
	-	A			W-1505 (1000) (1010) (1010)				
	L					·			
12	. (COOLIN	GW	ATER	(Instruction	s, Pages 46-	47)		
		Does the facility use or propose to use water for cooling purposes? □ Yes □ No							
	line post		85000		ete Items 12.b thr	u 12.f.			
h	Cooling water is/will be obtained from a groundwater source (e.g., on-site well).								
υ.	Yes No								
	If yes, stop here. If no, continue.								
C									
c.	Cooling Water Supplier i. Provide the name of the owner(s) and energetor(s) for the CIAIS that counties are will complemented.								
	 Provide the name of the owner(s) and operator(s) for the CWIS that supplies or will supp for cooling purposes to the facility. 								
		Cooling W	Vater I	ntake Str	ucture(s) Owner	(s) and Operator	(s)		
		CWIS ID							
		Owner							
		Operator			vanno — see	L	L		
	ii.	Cooling wa	ater is/	will be ob	tained from a Pul	olic Water Supplie	r (PWS)		
		□ Yes		No					
If no, continue. If yes, provide the PWS Registration No. and stop here: PWS								<u>0.</u>	
	iii. Cooling water is/will be obtained from a reclaimed water source?								
		☐ Yes		No		musi sour			
		ARREST CONTRACTOR	26952		vide the Reuse Au	ithorization No. ai	nd stop here:		
TCF	EO-10	0055 (05/20/	2022) It	ndustrial Wa	estewater Application	Technical Report		Page 12 of 777	

	iv. Cooling water is/will be obtained from an Independent Supplier						
		□ Yes □ No					
		If yes, provide the actual intake flow of the Independent Supplier's CWIS that is/will be used to provide water for cooling purposes to the facility and proceed:					
		If no, proceed to Item 12.d.					
d.	31	6(b) General Criteria					
	i. 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					
	ii.	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					
	iii.	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:					
	If y	yes to all three questions in Item 12.d, the facility meets the minimum criteria to be subject to the l requirements of Section 316(b) of the CWA. Proceed to Item 12.f.					
	sul	no to any of the questions in Item 12.d, the facility does not meet the minimum criteria to be bject to the full requirements of Section 316(b) of the CWA; however, a determination is required sed upon BPJ. Proceed to Item 12.e .					
e.	Th	The facility does not meet the minimum requirements to be subject to the fill requirements of Section (16(b)) and uses/proposes to use cooling towers.					
		Yes No					
	If y	yes, stop here. If no, complete Worksheet 11.0, Items 1(a), 1(b)(i-iii) and (vi), 2(b)(i), and 3(a) to ow for a determination based upon BPJ.					
f.	Oil	and Gas Exploration and Production					
	i.	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.					
	ii.	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)(i-iii) and (vi), 2(b)(i), and 3(a) to allow for a determination based upon BPJ. If no, skip to Item 12.g.iii.					

i. Phase I – New facility subject to 40 CFR Part 125, Subpart I						
	□ Yes □ No					
	If yes , check the box next to the facility's 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:					
ii.	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.					
iii. Phase III – New facility subject to 40 CFR Part 125, Subpart N						
☐ Yes ☐ No						
	If yes, check the box next to the facility's 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 the CWIS latitude and 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:					

g. Compliance Phase and Track Selection

NOTE: Item 13 is required only for existing permitted facilities.

13. PERMIT CHANGE REQUESTS (Instructions, Pages 49-50) a. Is the facility requesting a major amendment of an existing permit? Yes 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. b. Is the facility requesting any minor amendments to the permit? Yes No If yes, list and discuss the requested changes. c. Is the facility requesting any minor modifications to the permit? Yes No If yes, list and discuss the requested changes.

WORKSHEET 2.0 POLLUTANT ANALYSES REQUIREMENTS

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.

1. LABORATORY ACCREDITATION (Instructions, Page 56)

Effective July 1, 2008, all laboratory tests performed must meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification with the following general exemptions:

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

Review 30 TAC Chapter 25 for specific requirements. The following certification statement shall be signed and submitted with every application. See Instructions, Page 34, for a list of approved signatories.

I, <u>Brenda McCalip</u>, certify that all laboratory tests submitted with this application meet the requirements of 30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.

(Signature)

2. GENERAL TESTING REQUIREMENTS (Instructions, Pages 56-58)

- 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):
- b. \square Check the box to confirm all samples were collected no more than 12 months prior to the date of application submittal.
- c. 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:

3. SPECIFIC TESTING REQUIREMENTS (Instructions, Pages 58-69)

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

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.

TCEQ-10055 (05/20/2022) Industrial Wastewater Application Technical Report

Page 19 of 77

WORKSHEET 4.0 RECEIVING WATERS

This worksheet is required for all TPDES permit applications.

1.	DOMESTIC DRINKING WATER SUPPLY (Instructions, Page 81)					
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:					
	i. The legal name of the owner of the drinking water supply intake:					
	v. The distance and direction from the outfall to the drinking water supply intake:					
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.					
2.	DISCHARGE INTO TIDALLY INFLUENCED WATERS (Instructions, Page 81)					
Ift	he discharge is to tidally influenced waters, complete this section. Otherwise, proceed to Item 3.					
a.	Width of the receiving water at the outfall: feet					
b.	o. 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:					
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:					
3.	CLASSIFIED SEGMENT (Instructions, Page 81)					
The	e discharge is/will be directly into (or within 300 feet of) a classified segment.					
	Yes 🖾 No					
If yes, stop here. It is not necessary to complete Items 4 and 5 of this worksheet or Worksheet 4.1.						
If r	If no, complete Items 4 and 5 and Worksheet 4.1 may be required.					

	I i	age 82)						
a.	Nam	ne of the immediate receiving waters:						
b.	Chec	Check the appropriate description of the immediate receiving waters:						
		 Lake or Pond Surface area (acres): Average depth of the entire water body (feet): Average depth of water body within a 500-foot radius of the discharge point (feet): 		Man-Made Channel or Ditch Stream or Creek Freshwater Swamp or Marsh Tidal Stream, Bayou, or Marsh Open Bay Other, specify:				
If I 4.c	Man -3	Made Channel or Ditch or Stream or Creek v below:	vere sel	lected above, provide responses to Items				
c.	For e	For existing discharges , check the description below that best characterizes the area upstream of the discharge.						
	For r	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 Intermittent with Perennial Pools (enduring pools uses)	•	-				
	Chec	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:						
d.	List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point: Rio Grande River							
e.		receiving water characteristics change within three ral or man-made dams, ponds, reservoirs, etc.).	miles d	lownstream of the discharge (e.g.,				
	□ If year	Yes 🗵 No s, describe how:						
f.								
	Date	and time of observation:						
g.	The water body was influenced by stormwater runoff during observations.							
		Yes 🗵 No						
	If yes	s, describe how:						
TO	70	or (or /oo/ooo) Industrial Westquater Application Technica	1 D	Page 47 a C				

DESCRIPTION OF IMMEDIATE RECEIVING WATERS (Instructions,

Page 82) a. Is the receiving water upstream of the existing discharge or proposed discharge site influenced by any of the following (check all that apply): X oil field activities urban runoff X agricultural runoff septic tanks X upstream discharges other, specify: b. Uses of water body observed or evidence of such uses (check all that apply): X livestock watering fishing picnic/park activities \boxtimes non-contact recreation industrial water supply other, specify: domestic water supply irrigation withdrawal contact recreation navigation 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 \boxtimes

Natural Area: trees or native vegetation common; some development evident (from fields.

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

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

GENERAL CHARACTERISTICS OF WATER BODY (Instructions,

pastures, dwellings); water clarity discolored

water discolored

WORKSHEET 6.0 INDUSTRIAL WASTE CONTRIBUTION

This worksheet is required for all applications for publicly-owned treatment works (POTWs).

For an explanation of the terms used in this worksheet, refer to the General Definitions on pages 4-12 and the Definitions Relating to Pretreatment on pages 13-14 of the Instructions.

1. ALL POTWS (Instructions, Page 87)

a. Complete the following table with the number of each type of industrial users (IUs) that discharge to the POTW and the daily average flows from each.

Industrial User Information

Type of Industrial User	Number of Industrial Users	Daily Average Flow (gallons per day)
CIU	o	0
SIU - Non-categorical	0	0
Other IU	0	0

SIU - Non-cate	egorical	0	0					
Other IU		0	0					
b. In the past Yes	three years, has	the POTW experienced treatmer	nt plant interference?					
source(s)	If yes , identify the date(s), duration, nature of interference, and probable cause(s) and possible source(s) of each interference event. Include the names of the IU(s) that may have caused the interference:							
c. In the past	three years, has	the POTW experienced pass-thro	ough?					
□ Yes	⊠ No							
cause(s) ar	If yes , identify the date(s), duration, pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass-through event. Include the names of the IU(s) that may have caused the pass-through:							
d. Does the P	Does the POTW have, or is it required to develop, an approved pretreatment program?							
□ Yes	⊠ No							
If yes, ans	If yes, answer all questions in Item 2 and skip Item 3.							
If no , skip industrial	If ${\bf no}$, skip Item 2 and answer all questions in Item 3 for each significant industrial user and categorical industrial user.							
THOS		ED TO DEVELOP A PR	MENT PROGRAMS OR ETREATMENT PROGRAM					
	Have there been any substantial modifications to the POTW's approved pretreatment program that have not been submitted to the Approval Authority (TCEQ) for approval according to 40 CFR § 403.18?							
□ Yes	□ No							
	If yes , include an attachment which identifies all substantial modifications that have not been submitted to the TCEQ and the purpose of the modifications.							
Attachme	ent:							
TCEQ-10055 (05)	/20/2022) Industria	d Wastewater Application Technical Rep	ort Page 51 of 77					

D.	have there been any non-substantial modifications to the POTW's approved pretreatment program that have not been submitted to the Approval Authority (TCEO)?							
	☐ Yes ☐ No							
	If yes, include an attachment which identifies all non-substantial modifications that have not been submitted to the TCEQ and the purpose of the modification.							
	Attachment:							
c.	List all parameters measured al years:	pove the MAL in the PC	TW's effluent i	nonitoring durin	g the last three			
Eff	fluent Parameters Measured A	bove the MAL						
]	Pollutant	Concentration	MAL	Units	Date			
-								
-								
 								
	Attachment:			L				
d.	Has any SIU, CIU, or other IU caused or contributed to any other problems (excluding interference or pass-through) at the POTW in the past three years? Yes No							
	If yes, provide a description of probable pollutants. Include the contributed to any of the proble	e name(s) of the SIU(s)	date(s), durati 'CIU(s)/other I	on, description of TU(s) that may ha	f problems, and ve caused or			
3.	SIGNIFICANT INDU INDUSTRIAL USER				88-89)			
PO infe	TWs that do not have an approxormation for each SIU and CIU:				and the second s			
a.	Mr. or Ms.: N/A	First/Last Name:						
	Organization Name:	SIC Co	de:					
	Phone number: Email address:							
	Physical Address:	City/S	tate/ZIP Code:					
	Attachment:							
b.	Describe the industrial processe discharge (e.g., process and non		t affect or conti	ibute to the SIU((s) or CIU(s)			
	Attachment:							
c.	Provide a description of the prin	ncipal products(s) or se	vice(s) perforn	ned:				
TCE	EQ-10055 (05/20/2022) Industrial Was	tewater Application Technic	al Report	Pag	ge 52 of 7 7			

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 26)

a. Complete one Core Data Form (TCEQ Form 10400) for each customer (applicant and coapplicant(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: D

Item 5. Application Contact Information (Instructions, Page 26)

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.

mu	indicate if the individual can be contact about administrative of teerment and an area.						
a.		. Technical Contact					
	☐ Mr. ☒ Ms. Full Name (First	and Last): <u>Stephanie Landsman</u>					
	Title: Click to enter text.	Credential: Click to enter text.					
	Organization Name: Landsman	Environmental LLC					
	Mailing Address: 9597 Jones Ro	ad #962					
	City: <u>Jersey Village</u> State: <u>TX</u>	Zip Code: <u>77065</u>					
	Phone No: <u>281-658-5899</u> <u>stephanie@landsmanenviro.com</u>	Fax No: <u>Click to enter text.</u>	Email:				
b.	☐ Administrative Contact	. ⊠ Technical Contact					
	\square Mr. \boxtimes Ms. Full Name (First	and Last): <u>Brenda McCalip</u>					
	Title: <u>General Manager</u>						
	Organization Name: Maverick	County Water Control and Imp	provement District No.1				
	Mailing Address: 1622 Maverick	K Industrial Park Road					
	City: <u>Eagle Pass</u> State: <u>TX</u>	Zip Code: <u>78852</u>					
	Phone No: <u>830-773-5129</u>	Fax No: Click to enter text.	Email: maverickcid1@gmail.com				
	Attachment: Click to enter text						
T+	Itam 6 Downit Contact Information (Instructions Pages 26)						

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

a. 🗆 Mr. 🗵 Ms. Full Name (First and Last): <u>Brenda McCalip</u> Credential: Click to enter text.

Organization Name: Maverick County Water Control and Improvement District No.1

Mailing Address: 1622 Maverick Industrial Park Road

State: TX Zip Code: 78852 City: Eagle Pass

Title: General Manager

Email: maverickcid1@gmail.com Fax No: Click to enter text. Phone No: 830-773-5129

b. ⊠ Mr. □ Ms. Full Name (First and Last): <u>Joe Martinez</u>

Credential: Click to enter text. Title: Power Plant Supervisor

Organization Name: Maverick County WCID#1

Mailing Address: 1622 Maverick Industrial Park Road

State: TX Zip Code: 78852 City: Eagle Pass TCEQ-10411 (10/24/2022) Industrial Wastewater Application Administrative Report

Page 3 of 21

Phone No: 830-776-1877 Fax No: Click to enter text. Email: joehydroplant@gmail.com

Attachment: Click to enter text.