

Administrative Package Cover Page

This file contains the following documents:

- 1. Summary of application (in plain language)
- 2. Application Materials

TCEQ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

MM Platinum Ranch, LLC (Cn606422533) proposes to operate Crooked Cross WWTP (RN105286751), a membrane bioreactor treatment plant. The facility will be located at 1.7 miles northwest of the intersection of Marilee Road and State Highway 289, in Gunter, Grayson County, Texas 75058. The application is for a minor amendment to move the WWTP site approximately 1200' to the northwest. The WWTP will discharge an average flow of up to 400,000 gallons per day of treated domestic wastewater, which is the same as the existing permit.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N) and Escherichia coli. Domestic wastewater will be treated by a Membrane Bioreactor plant and the treatment units will include a fine screen, anoxic basin, aerobic basin, membrane basin, sludge holding basin, sludge press, and UV disinfection.

ORIGINAL

TCEQ Domestic Wastewater Permit Application

For

Minor Amendment

To

Crooked Cross Wastewater Treatment Plant

Permit No. WQ0014835001

MM Platinum Ranch, LLC 1800 Valley View Lane, Suite 300 Farmers Branch, TX 75234

September 2025

SWE Project No. 0927-026-25



Civil | Environmental | Land Development

HEADQUARTERS

307 Saint Lawrence St. Gonzales, TX 78629 Phone: 830.672.7546

205 Cimarron Park Loop, Ste B Buda, TX 78610 Phone: 512.312.4336

CENTRAL TEXAS OFFICE

www.swengineers.com | TBPE No. F-1909

TABLE OF CONTENTS

Administrative Report

<u>Attachment</u>	<u>Description</u>	Required By	On Page
Α	TCEQ Core Data Form	Admin. 1.0 - #3C	4
В	Plain Language Summary	Admin. 1.0 #8F	7
С	USGS Map	Admin. 1.0 - #13	10
D	SPIF	Admin. 1.0	14
E	USGS Map (SPIF)	SPIF - #5	SPIF - 2

Technical Report

<u>Attachment</u>	<u>Description</u>	Required By	<u>On Page</u>
F	Flow Diagram	Tech. 1.0 - #2C	2
G	Site Drawing	Tech. 1.0 - #3	3



THE TONMENTAL OUNT

Permit Number

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: N	MM Platinum Ranch, I	LLC
-------------------	----------------------	-----

PERMIT NUMBER (If new, leave blank): WQ00<u>14835001</u>

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

	Y	N		Y	N
Administrative Report 1.0	\boxtimes		Original USGS Map	\boxtimes	
Administrative Report 1.1		\boxtimes	Affected Landowners Map		\boxtimes
SPIF	\boxtimes		Landowner Disk or Labels		\boxtimes
Core Data Form	\boxtimes		Buffer Zone Map		\boxtimes
Summary of Application (PLS)	\boxtimes		Flow Diagram	\boxtimes	
Public Involvement Plan Form		\boxtimes	Site Drawing	\boxtimes	
Technical Report 1.0	\boxtimes		Original Photographs		\boxtimes
Technical Report 1.1		\boxtimes	Design Calculations		\boxtimes
Worksheet 2.0	\boxtimes		Solids Management Plan		\boxtimes
Worksheet 2.1		\boxtimes	Water Balance		\boxtimes
Worksheet 3.0					
Worksheet 3.1		\boxtimes			
Worksheet 3.2		\boxtimes			
Worksheet 3.3		\boxtimes			
Worksheet 4.0		\boxtimes			
Worksheet 5.0		\boxtimes			
Worksheet 6.0		\boxtimes			
Worksheet 7.0		\boxtimes			
For TCEQ Use Only					
Segment Number			County		



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

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

Section 1. Application Fees (Instructions Page 26)

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

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

Minor Amendment (for any flow) \$150.00 ⊠

Day	zmont	Inforn	ation
Pay	yment	шиопп	lauon.

Mailed Check/Money Order Number: 100015

Check/Money Order Amount: \$150.00

Name Printed on Check: MM Platinum Ranch, LLC

EPAY Voucher Number: N/A

Copy of Payment Voucher enclosed? Yes \square

Section 2. Type of Application (Instructions Page 26)

a.	Che	ck the box next to the appropriate authorization type.
		Publicly Owned Domestic Wastewater
	\boxtimes	Privately-Owned Domestic Wastewater
		Conventional Water Treatment

b. Check the box next to the appropriate facility status.

 \square Active \boxtimes Inactive

c.	Che	eck the box next to the appropriate permit typ	e.		
	\boxtimes	TPDES Permit			
		TLAP			
		TPDES Permit with TLAP component			
		Subsurface Area Drip Dispersal System (SAD	DS)		
d.	Che	eck the box next to the appropriate application	ı typ	e	
		New			
		Major Amendment <u>with</u> Renewal		Minor Amendment with Renewal	
		Major Amendment <u>without</u> Renewal	\boxtimes	Minor Amendment <u>without</u> Renewal	
		Renewal without changes		Minor Modification of permit	
e.	<u>the</u>	amendments or modifications, describe the p location of the facility boundary within the same or remain the same.	_	<u> </u>	
f.	For	existing permits:			
	Permit Number: WQ00 <u>14835001</u>				
	EPA	I.D. (TPDES only): TX <u>0129879</u>			
	Exp	iration Date: <u>01/04/2027</u>			
Se	ectio	on 3. Facility Owner (Applicant) a (Instructions Page 26)	nd	Co-Applicant Information	
		(mstructions rage 20)			

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

MM Platinum Ranch, LLC

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

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

CN: 606422533

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

Prefix: Mr. Last Name, First Name: Moayedi, Mehrdad

Credential: Click to enter text. Title: President and CEO

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

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

N/A

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

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

CN: <u>N/A</u>

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

Prefix: N/A Last Name, First Name: N/A

Title: N/A Credential: N/A

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mrs. Last Name, First Name: Nieto, Allison

Title: <u>Project Manager</u> Credential: <u>P.E.</u>

Organization Name: Southwest Engineers, LLC

Mailing Address: 307 St. Lawrence Street City, State, Zip Code: Gonzales, TX 78629

Phone No.: 830-672-7546 E-mail Address: allison.nieto@swengineers.com

Check one or both:

Administrative Contact

Technical Contact

B. Prefix: N/A Last Name, First Name: N/A

Title: N/A Credential: N/A

Organization Name: N/A

Mailing Address: N/A City, State, Zip Code: N/A

Phone No.: <u>N/A</u> E-mail Address: <u>N/A</u>

Check one or both: ☐ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A. Prefix: Mr. Last Name, First Name: Moayedi, Mehrdad

Title: President and CEO Credential: Click to enter text.

Organization Name: MM Platinum Ranch, LLC

Mailing Address: 1800 Valley View Lane, Suite 300 City, State, Zip Code: Farmers Branch, TX

75234

Phone No.: 469-892-7200 E-mail Address: <u>laura@centurionamerican.com</u>

B. Prefix: Mrs. Last Name, First Name: Nieto, Allison

Title: <u>Project Manager</u> Credential: <u>P.E.</u>

Organization Name: Southwest Engineers, LLC

Mailing Address: 307 St. Lawrence Street City, State, Zip Code: Gonzales, TX 78629

Phone No.: 830-672-7546 E-mail Address: allison.nieto@swengineers.com

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mr. Last Name, First Name: Moayedi, Mehrdad

Title: <u>President and CEO</u> Credential: <u>N/A</u>
Organization Name: MM Platinum Ranch, LLC

Mailing Address: 1800 Valley View Lane, Suite 300 City, State, Zip Code: Farmers Branch, TX

75234

Phone No.: 469-892-7200 E-mail Address: laura@centurionamerican.com

Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr. Last Name, First Name: Moayedi, Mehrdad

Title: <u>President and CEO</u> Credential: <u>N/A</u>

Organization Name: MM Platinum Ranch, LLC

Mailing Address: 1800 Valley View Lane, Suite 300 City, State, Zip Code: Farmers Branch, TX

<u>75234</u>

Phone No.: 469-892-7200 E-mail Address: <u>laura@centurionamerican.com</u>

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mrs. Last Name, First Name: Nieto, Allison

Title: <u>Project Manager</u> Credential: <u>P.E.</u>

Organization Name: Southwest Engineers, LLC

Mailing Address: 307 St. Lawrence Street City, State, Zip Code: Gonzales, TX 78629

E-mail Address: allison.nieto@swengineers.com Phone No.: 830-672-7546 B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit **Package** Indicate by a check mark the preferred method for receiving the first notice and instructions: E-mail Address П Fax Regular Mail C. Contact permit to be listed in the Notices Prefix: Mrs. Last Name, First Name: Nieto, Allison Title: Project Manager Credential: P.E. Organization Name: Southwest Engineers, LLC Mailing Address: 307 St. Lawrence Street City, State, Zip Code: Gonzales, TX 78629 Phone No.: 830-672-7546 E-mail Address: allison.nieto@swengineers.com **D. Public Viewing Information** If the facility or outfall is located in more than one county, a public viewing place for each county must be provided. Public building name: Gunter City Hall Location within the building: Front Desk Physical Address of Building: 105 N 4th Street City: Gunter County: Grayson Contact (Last Name, First Name): N/A Phone No.: N/A Ext.: N/A E. Bilingual Notice Requirements This information is required for new, major amendment, minor amendment or minor modification, and renewal applications. This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package. Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required. 1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility? No Yes If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below. 2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school? \boxtimes No Yes

3.	. Do the stude location?	ents at these	e schools attend a bilingual education program at another
	□ Yes		No
4.			uired to provide a bilingual education program but the school has rement under 19 TAC §89.1205(g)?
	□ Yes		No
5.			question 1, 2, 3, or 4, public notices in an alternative language are ge is required by the bilingual program? Spanish
Su	ummary of A _l	pplication i	n Plain Language Template
als	lso known as t	he plain lan	of Application in Plain Language Template (TCEQ Form 20972), guage summary or PLS, and include as an attachment.
At	ttachment: <u>At</u>	tachment B	
Pu	ublic Involvei	ment Plan F	orm
			ement Plan Form (TCEQ Form 20960) for each application for a adment to a permit and include as an attachment.
At	ttachment: N	<u>'A</u>	
ot:	tion O De	vanloted I	Entity and Daywitted Cita Information (Instructions
CU		egulateu 1 1ge 29)	Entity and Permitted Site Information (Instructions
		rently regul	ated by TCEQ, provide the Regulated Entity Number (RN) issued to
	earch the TCE0 ne site is curre		Registry at http://www15.tceq.texas.gov/crpub/ to determine if ed by TCEQ.
Na	ame of projec	t or site (the	name known by the community where located):
Cro	rooked Cross W	<u>/WTP</u>	
Ov	wner of treatr	nent facility	: MM Platinum Ranch, LLC
Ov	wnership of F	acility: 🗆	Public ⊠ Private □ Both □ Federal
Ov	wner of land v	where treatn	nent facility is or will be:
Pre	refix: <u>Mr.</u>		Last Name, First Name: Moayedi, Mehrdad
Tit	itle: <u>President a</u>	and CEO	Credential: Click to enter text.
Or	rganization N	ame: <u>MM Pla</u>	atinum Ranch, LLC
	Iailing Address 5234	s: <u>1800 Valle</u>	y View Lane Suite 300 City, State, Zip Code: Farmers Branch, TX
Ph	hone No.: <u>469-</u>	892-7200	E-mail Address: laura@centurionamerican.com
			same person as the facility owner or co-applicant, attach a lease d easement. See instructions.
	Attachment	: <u>N/A</u>	

F.

G.

B.

C.

D.

E.	Owner of effluent disposal site:	
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	If the landowner is not the same agreement or deed recorded eas	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: N/A	
F.	Owner sewage sludge disposal s property owned or controlled by	ite (if authorization is requested for sludge disposal on the applicant)::
	Prefix: <u>N/A</u>	Last Name, First Name: <u>N/A</u>
	Title: <u>N/A</u>	Credential: <u>N/A</u>
	Organization Name: <u>N/A</u>	
	Mailing Address: <u>N/A</u>	City, State, Zip Code: <u>N/A</u>
	Phone No.: <u>N/A</u>	E-mail Address: <u>N/A</u>
	If the landowner is not the same agreement or deed recorded eas	person as the facility owner or co-applicant, attach a lease ement. See instructions.
	Attachment: N/A	
Se	ction 10. TPDES Dischar	ge Information (Instructions Page 31)
A.	Is the wastewater treatment faci	lity location in the existing permit accurate?
	□ Yes ⊠ No	
	If no, or a new permit application	on, please give an accurate description:
	Approximately 1.7 miles northwest Grayson County, Texas	t of the intersection of Marliee Road and State Highway 289 in
R	Are the point(s) of discharge and	d the discharge route(s) in the existing permit correct?
Д.	✓ Yes □ No	the discharge route(s) in the existing period correct:
	If we are a series of a series descent as	complete and leastless reported an account advantation of the
	point of discharge and the disch	Dermit application , provide an accurate description of the arge route to the nearest classified segment as defined in 30
	· -	
	point of discharge and the disch TAC Chapter 307:	
	point of discharge and the disch TAC Chapter 307: N/A	arge route to the nearest classified segment as defined in 30
	point of discharge and the disch TAC Chapter 307: N/A City nearest the outfall(s): Gunte	arge route to the nearest classified segment as defined in 30
C	point of discharge and the dis	arge route to the nearest classified segment as defined in 30
C.	point of discharge and the dis	arge route to the nearest classified segment as defined in 30 months of the nearest classified segment as defined

	If yes , indicate by a check mark if:
	\square Authorization granted \square Authorization pending
	For new and amendment applications, provide copies of letters that show proof of contact and the approval letter upon receipt.
	Attachment: N/A
D.	For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge: $\underline{\text{N/A}}$
C a	
Se	ection 11. TLAP Disposal Information (Instructions Page 32)
A.	For TLAPs, is the location of the effluent disposal site in the existing permit accurate?
	□ Yes □ No
	If no, or a new or amendment permit application , provide an accurate description of the disposal site location:
	N/A
B.	City nearest the disposal site: N/A
C.	County in which the disposal site is located: <u>N/A</u>
D.	For TLAPs , describe the routing of effluent from the treatment facility to the disposal site:
	N/A
E.	For TLAPs , please identify the nearest watercourse to the disposal site to which rainfall
	runoff might flow if not contained: <u>N/A</u>
Co	estion 12 Missellements Information (Instructions Bose 22)
	ection 12. Miscellaneous Information (Instructions Page 32)
Α.	Is the facility located on or does the treated effluent cross American Indian Land?
	□ Yes ⊠ No
B.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	□ Yes □ No ⊠ Not Applicable
	If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.
	N/A

C.	Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?
	□ Yes ⊠ No
	If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application: $\underline{\text{N/A}}$
D.	Do you owe any fees to the TCEQ?
	□ Yes ⊠ No
	If yes , provide the following information:
	Account number: <u>N/A</u>
	Amount past due: <u>N/A</u>
E.	Do you owe any penalties to the TCEQ?
	□ Yes ⊠ No
	If yes , please provide the following information:
	Enforcement order number: <u>N/A</u>
	Amount past due: <u>N/A</u>
Se	ection 13. Attachments (Instructions Page 33)
Inc	dicate which attachments are included with the Administrative Report. Check all that apply:
	Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.
\boxtimes	Original full-size USGS Topographic Map with the following information:
	 Applicant's property boundary Treatment facility boundary Labeled point of discharge for each discharge point (TPDES only) Highlighted discharge route for each discharge point (TPDES only) Onsite sewage sludge disposal site (if applicable) Effluent disposal site boundaries (TLAP only) New and future construction (if applicable) 1 mile radius information 3 miles downstream information (TPDES only) All ponds.
	Attachment 1 for Individuals as co-applicants
	Other Attachments. Please specify: Click to enter text.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: <u>WQ0014835001</u> Applicant: <u>MM Platinum Ranch, LLC</u>

Certification:

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

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

Signatory name (typed or printed): Mehrdad Moay	<u>redi</u>
Signatory title: <u>President and CEO</u>	
Signature:(Use blue ink)	Date: <u>9-11-2025</u>
Subscribed and Sworn to before me by the said_	Mehrded Mangedi
	mler , 20 <u>23</u> .
My commission expires on theday o	
Notary Public	[SEAL]
<u>Pallas</u> County, Texas	MATTHEW DAWSON Notary ID #133843590 My Commission Expires July 5, 2026

DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: <u>Attachment D</u>

ATTACHMENT A - TCEQ 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

1. Reason for Submission (If other is checked please describe in space provided.)

☐ New Perr	nit, Registra	ation or Authorization	(Core Data Form	should be s	submitt	ed with	h the progi	ram application.)			
Renewal	(Core Data	Form should be submi	tted with the ren	ewal form)			Other Minor Ammendment				
2. Customer	omer Reference Number (if issued) Follow this link to for CN or RN num							gulated En ti ty Re	ference	Number (if	issued)
CN 6064225	33		egistry*		RN 1	05286751					
SECTIO	<u> </u>	Customer	<u>I nform</u>	<u>ation</u>	<u> </u>						
4. General Cu	General Customer Information 5. Effective Date for Custon						rma ti on l	Updates (mm/dd/	уууу)		7/23/2025
☐ New Custon☐ Change in Lo		Uverifiable with the Tex	pdate to Custom kas Secretary of S			ptrolle		ge in Regulated Ent Accounts)	tity Own	ership	
		ubmi tt ed here may i oller of Public Accou	•	toma ti cali	ly base	ed on I	what is co	urrent and ac ti ve	with th	ne Texas Sec	retary of State
6. Customer	Legal Nam	ne (If an individual, pri	nt last name first	t: eg: Doe, J	lohn)			If new Customer,	enter pre	evious Custon	ner below:
MM Platinum I	Ranch, LLC										
7. TX SOS/CP	A Filing N	umber	8. TX State Ta	ax ID (11 d	igits)			9. Federal Tax ID 10. DUNS Number (if			·
0805556556			32095172105					(9 digits)	applicable)		
11. Type of C	ustomer:	☐ Corporate	ion				☐ Individ	dual Partnership: General Limite			neral 🗌 Limited
Government: [City 🔲 (County 🗌 Federal 🔲	Local 🗌 State [Other			☐ Sole Pr	roprietorship	⊠ Ot	her: Limited L	iability Company
12. Number	of Employ	ees						13. Independer	ntly Ow	ned and Op	erated?
□ 0-20 🖾	21-100] 101-250 251-	500 🗌 501 aı	nd higher				⊠ Yes	□ No		
14. Customer Role (Proposed or Actual) – as it relates to the Regulated Entity listed on this form. Please check one of the following											
□ Owner □ Operator □ Owner & Operator □ Occupational Licensee □ Responsible Party □ VCP/BSA Applicant											
15. Mailing 1800 Valley View Lane											
	Suite 300										
Address:	City	Farmers Branch		State	TX		ZIP	75234		ZIP + 4	8945
16. Country I	Mailing Int	forma ti on <i>(if outside</i>	USA)			17. I	E-Mail Ac	ddress <i>(if applicabl</i>	le)	I	1
N/A						mkollinger@centurionamerican.com					

TCEQ-10400 (11/22) Page 1 of 3

18. Telephone Number	19. Extension or Code	20. Fax Number (if applicable)
(469) 892-7252	0	(0) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (If 'New Regulated Entity" is selected, a new permit application is also required.)											
☐ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information											
The Regulated En ti ty Nar as Inc, LP, or LLC).	The Regulated Entity Name submitted may be updated, in order to meet TCEQ Core Data Standards (removal of organizational endings such as Inc, LP, or LLC).										
22. Regulated En ti ty Nam	22. Regulated Entity Name (Enter name of the site where the regulated action is taking place.)										
Crooked Cross WWTP											
23. Street Address of the Regulated Entity:											
(No PO Boxes)	City		State		ZII	P			ZIP + 4	1	
24. County	Grayson				-						
		If no Stree	et Address is provi	ded, fi	elds 25-28	3 are re	quired.				
25. Descrip ti on to Physical Loca ti on:	Approximately 1.7 miles northwest of the intersection of Marilee Road and State Hwy 289										
26. Nearest City State Nearest ZIP Code							est ZIP Code				
Gunter							TX		7	75058	3
Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).											
27. La t itude (N) In Decima	al:	33.41056			28. Longitude (W) In De		ecimal:	-96.78	.78917		
Degrees	Minutes		Seconds		Degrees			Minutes			Seconds
33		24	38			96		47			21
29. Primary SIC Code		Secondary SIC (Code		rimary NA	AICS Co	ode	32. Seco		IAIC:	S Code
(4 digits)	(4 di	igits)		(5 or 6 digits)				(5 or 6 dig	jits)		
4952				22132							
33. What is the Primary B	Business of t	his en ti ty? <i>(Da</i>	o not repeat the SIC o	or NAICS	S descrip ti oi	n.)					
Wastewater Treatment											
34. Mailing	1800 Valley View Lane										
Address:											
Addi C33.	City	Farmers Branc	h State	TX		ZIP	75234	4	ZIP +	4	8945
35. E-Mail Address:	laur	ra@centurioname	erican.com								
36. Telephone Number			37. Extension or	Code		38. F	ax Num	nber (if applicab	ole)		
(469) 892-7200			N/A			(0)	-				

TCEQ-10400 (11/22) Page 2 of 3

☐ Dam Safety	☐ Dam Safety ☐ Districts		Edwards Aquifer	☐ Edwards Aquifer ☐ Er			☐ Industrial Hazardous Wast	
☐ Municipal Solid Waste		New Source	OSSF		☐ Petroleum Stora		☐ PWS	
		Storm Water	☐ Title V Air		Tires		Used Oil	
☐ Voluntary Cle	eanup	⊠ Wastewater	☐ Wastewater Agricu	ılture	Water Right	5	Other:	
	The state of the s	WQ0014835001				***************************************		
ECTION	IV: P	reparer Inf	<u>formation</u>					
0. Name:	me: Allison Nieto, P.E. 41. Title: Project Manager							
2. Telephone N	lumber	43. Ext./Code	44. Fax Number	45. E-Mail /	Address			
830) 672-7546	830) 672-7546 N/A (N/A) -			allison.nieto@swengineers.com				
i. By my signature	e below, I certi						ee, and that I have signature authori entified in field 39.	
Company:	MM Pla	tinum Ranch, LLC	, LLC Job Title: President and CEO					
Name (In Print):	Mehrda	d Moayedi	W-1.000			Phone:	(469) 892- 7252	
Signature:	2	luc	ll			Date:	9-11-2025	

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

ATTACHMENT B - PLAIN LANGUAGE SUMMARY

TCEQ

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

PLAIN LANGUAGE SUMMARY FOR TPDES OR TLAP PERMIT APPLICATIONS

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

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

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

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

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

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

MM Platinum Ranch, LLC (Cn606422533) proposes to operate Crooked Cross WWTP (RN105286751), a membrane bioreactor treatment plant. The facility will be located at 1.7 miles northwest of the intersection of Marilee Road and State Highway 289, in Gunter, Grayson County, Texas 75058. The application is for a minor amendment to move the WWTP site approximately 1200' to the northwest. The WWTP will discharge an average flow of up to 400,000 gallons per day of treated domestic wastewater, which is the same as the existing permit.

Discharges from the facility are expected to contain five-day carbonaceous biochemical oxygen demand (CBOD5), total suspended solids (TSS), ammonia nitrogen (NH3-N) and Escherichia coli. Domestic wastewater will be treated by a Membrane Bioreactor plant and the treatment units will include a fine screen, anoxic basin, aerobic basin, membrane basin, sludge holding basin, sludge press, and UV disinfection.

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

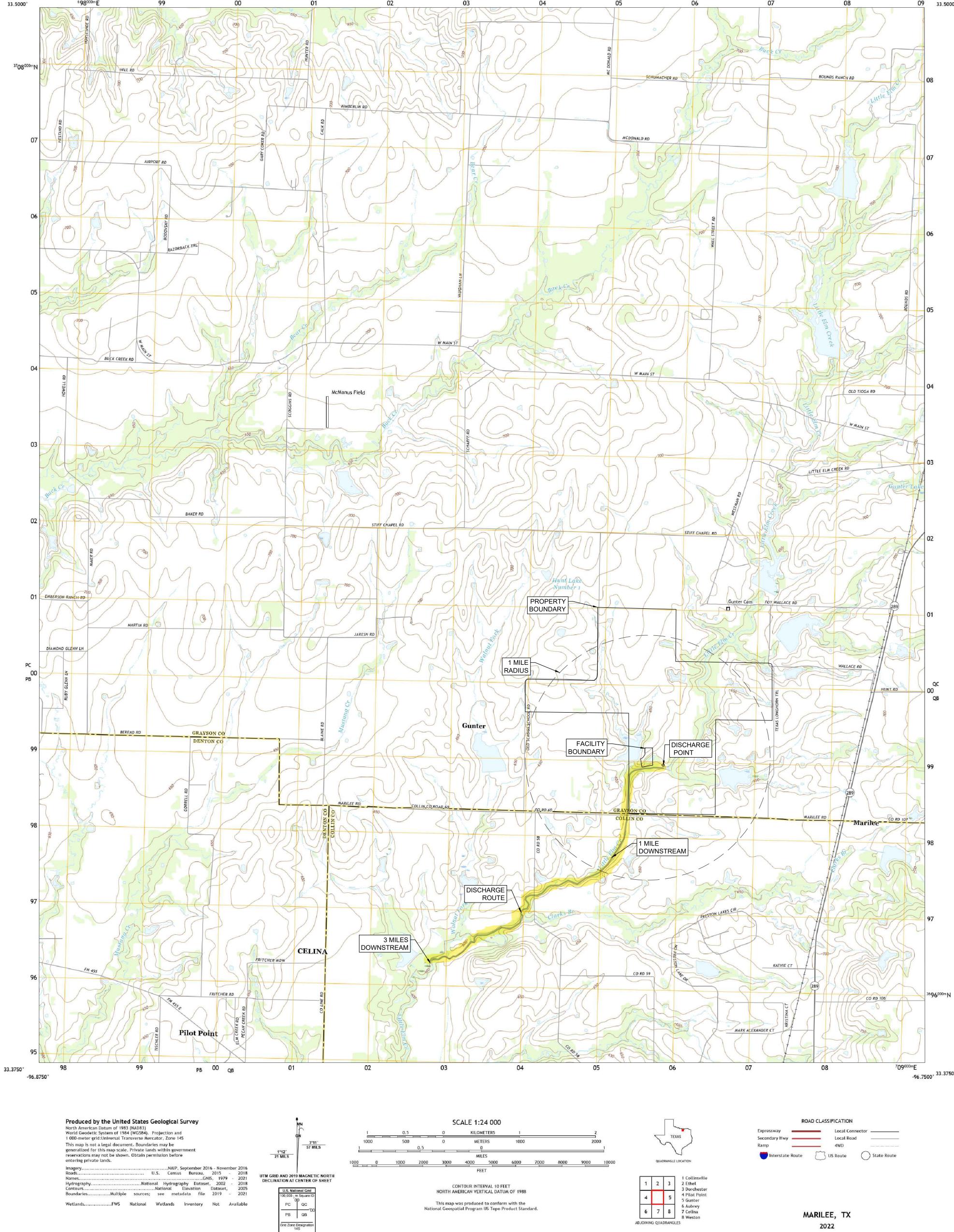
AGUAS RESIDUALES DOMESTICAS /AGUAS PLUVIALES

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

MM Platinum Ranch, LLC (Cn606422533) propone operar Crooked Cross WWTP RN105286751, una planta de tratamiento con biorreactor de membrana. La instalación estará ubicada en un lugar 1,7 millas al noroeste de la intersección de Marilee Road y la carretera estatal 289, en Gunter, Condado de Grayson, Texas 75058. La solicitud consiste en una modificación menor para trasladar la planta de tratamiento de aguas residuales unos 1.200 pies al noroeste. La planta descargará un caudal medio máximo de 400.000 galones diarios de aguas residuales domésticas tratadas, que es igual al permiso vigente.

Se espera que las descargas de la instalación contengan demanda bioquímica de oxígeno carbonácea a los cinco días (DBOC5), sólidos suspendidos totales (SST), nitrógeno amoniacal (NH3-N) y Escherichia coli. Agua residual domestica estará tratado por una planta con biorreactor de membrana y las unidades de tratamiento incluirán un tamiz fino, un estanque anóxico, un estanque aeróbico, un estanque de membrana, un estanque de lodos, una prensa de lodos y desinfección UV.







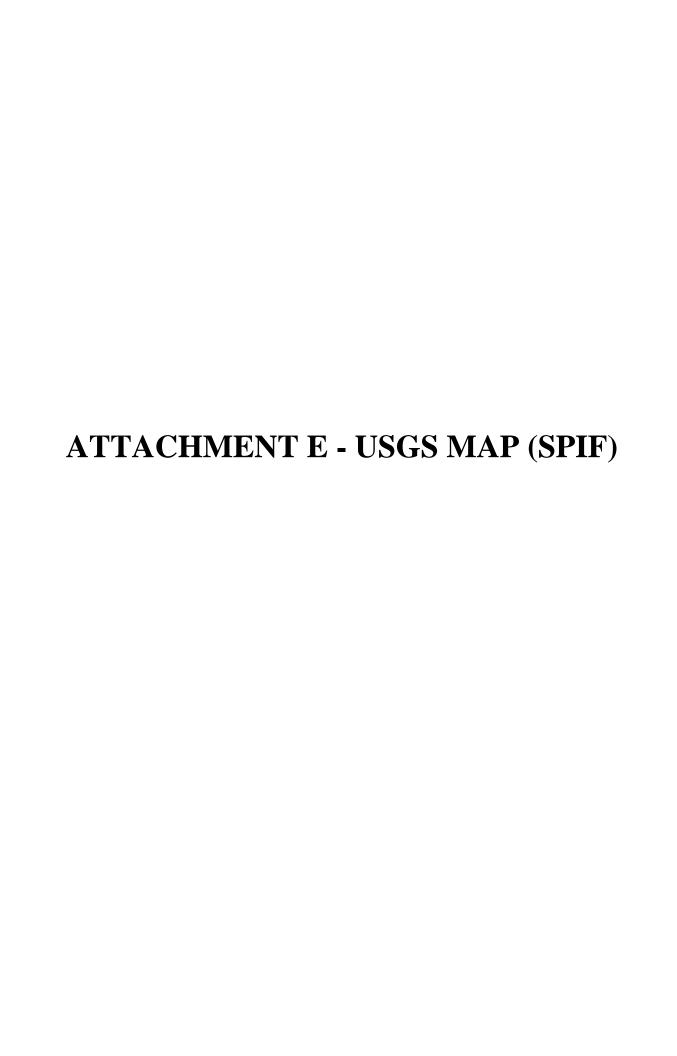
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

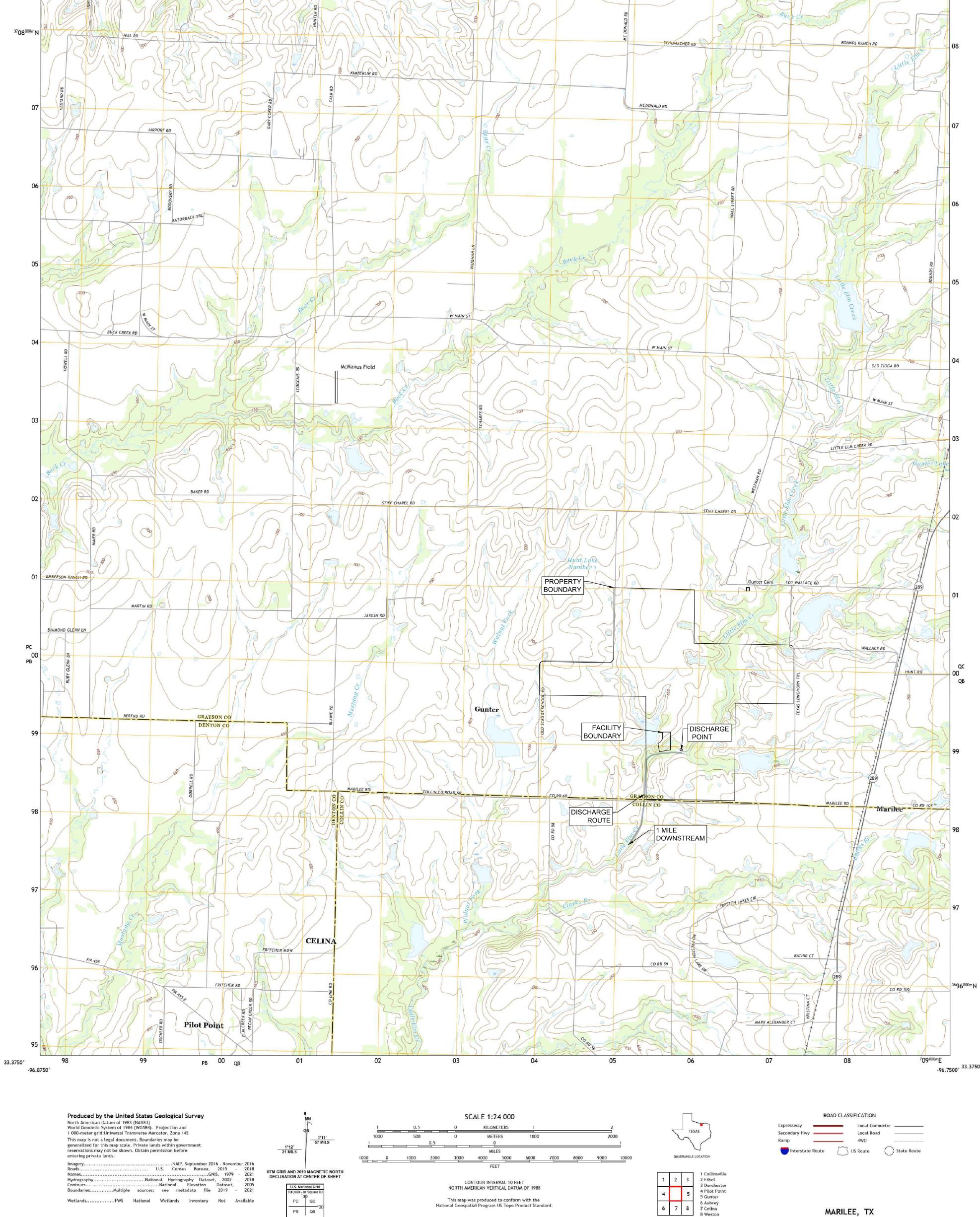
FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:	mandan out Min ou Amondan out Nove
Application type:RenewalMajor A	
County:	
Admin Complete Date:	_
Agency Receiving SPIF:	TI O DI LA LIVIA DI O
Texas Historical Commission	
Texas Parks and Wildlife Department	U.S. Army Corps of Engineers
This form applies to TPDES permit applicatio	ns only. (Instructions, Page 53)
	CEQ will mail a copy to each agency as required by e not completely addressed or further information aformation before issuing the permit. Address
Do not refer to your response to any item in attachment for this form separately from the A application will not be declared administrative completed in its entirety including all attachmentary be directed to the Water Quality Division's email at	

		name, address, phone and fax number of an individual that can be contacted to cific questions about the property.
	Prefix (Mr.,	Ms., Miss): Mr.
	First and La	ast Name: <u>Mehrdad Moayedi</u>
	Credential (P.E, P.G., Ph.D., etc.):
	Title: <u>Presic</u>	<u>lent and CEO</u>
	Mailing Ado	dress: <u>1800 Valley View Lane, Suite 300</u>
	City, State,	Zip Code: <u>Farmers Branch, TX 75234</u>
	Phone No.:	<u>469-892-7200</u> Ext.: <u>N/A</u> Fax No.: <u>N/A</u>
	E-mail Addı	ess: <u>laura@centurionamerican.com</u>
2.	. List the cou	nty in which the facility is located: <u>Grayson</u>
3.		erty is publicly owned and the owner is different than the permittee/applicant, he owner of the property.
	N/A	
4.	of effluent f discharge to	escription of the effluent discharge route. The discharge route must follow the flow rom the point of discharge to the nearest major watercourse (from the point of a classified segment as defined in 30 TAC Chapter 307). If known, please identify d segment number.
	To Little E	lm Creek, thence to Lewisville Lake in Segment 0823 of the Trinity River Basin
5.	plotted and route from	ide a separate 7.5-minute USGS quadrangle map with the project boundaries a general location map showing the project area. Please highlight the discharge the point of discharge for a distance of one mile downstream. (This map is addition to the map in the administrative report).
	Provide orig	ginal photographs of any structures 50 years or older on the property.
	Does your p	project involve any of the following? Check all that apply.
	⊠ Pro	posed access roads, utility lines, construction easements
	□ Visu	ual effects that could damage or detract from a historic property's integrity
	□ Vib	ration effects during construction or as a result of project design
	⊠ Ado	ditional phases of development that are planned for the future
	□ Seal	ling caves, fractures, sinkholes, other karst features

	☐ Disturbance of vegetation or wetlands
1.	List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features): Construction of this wastewater treatment facility will impact roughly 4 acres of land. There will be some surface excavation (approx. 4' in depth) for the installation of the necessary piping, driveways, fencing, equipment pads, and support building. Deeper excavation (up to approx. 35') will be necessary for the influent lift station and treatment tankage.
2.	Describe existing disturbances, vegetation, and land use:
۷.	Existing site is pastureland, with normal grass and brush cover and a pond
	E FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR IENDMENTS TO TPDES PERMITS
3.	List construction dates of all buildings and structures on the property:
	N/A
4.	Provide a brief history of the property, and name of the architect/builder, if known.
-	N/A

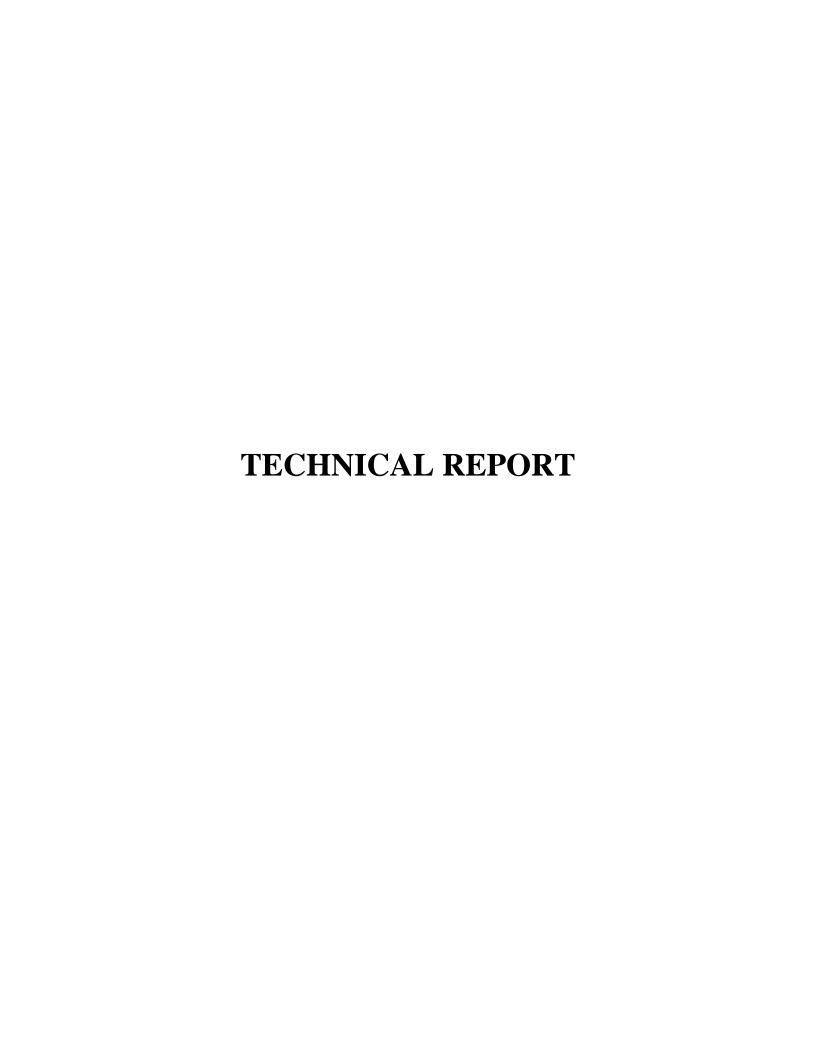




Grid Zone Designation

ADJOINING QUADRANGLES

2022



THE TONMENTAL OUNTE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

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

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

B. Interim II Phase

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

Estimated construction start date: N/A
Estimated waste disposal start date: N/A

C. Final Phase

Design Flow (MGD): <u>0.4</u> 2-Hr Peak Flow (MGD): 1.6

Estimated construction start date: <u>March 2026</u> Estimated waste disposal start date: <u>March 2027</u>

D. Current Operating Phase

Provide the startup date of the facility: N/A

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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

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

The proposed wastewater treatment facility will consist of a Membrane Bioreactor (MBR) Wastewater Treatment System, which combines conventional biological activated sludge processes with membrane filtration. An onsite lift station will pump the raw wastewater to a fine screen at the head of the plant, water flow will then go to an anoxic basin where denitrification occurs, as well as some BOD removal. Alum is also added here for phosphorus removal. The wastewater then flows into an aeration basin where diffusers introduce air into the treatment process to aid in biological treatment, as well as nitrification. From there the wastewater flows into the membrane basin (also aerated), where the membranes provide a physical barrier allowing only clean water to pass through. The permeate from the membranes is then pumped through a UV light and then to the ultimate discharge point. Sludge that accumulates in the membrane basin is occasionally wasted into an aerated sludge holding tank and ultimately transferred to a sludge press as needed for regular hauling to a permitted landfill facility. Extracted wastewater from the sludge press is returned to the anoxic basin. The only phase will be 400,000 gpd with a peak factor of 4 (278 gpm with a peak flow of 1111 gpm).

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) of each treatment unit, accounting for *all* phases of operation.

Table 1.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Lift Station	1	10' Ø
Fine Screen	2	4' x 9' x 6'
Anoxic Basin	2	20' x 24' x 18'
Aeration Basin	2	20' x 24' x 18'
Membrane Basin	2	8' x 24' x 18'
UV Disinfection	4	6"Ø x 4'
Sludge Holding Tank	2	8' x 24' x 18'

C. Process Flow Diagram

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

Attachment: Attachment F

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

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

Latitude: <u>33.4100</u>Longitude: -96.7870

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

Latitude: N/ALongitude: N/A

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds: and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: Attachment G

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

Crooked Cross WWTP will serve the Platinum Ranch and Taylor Ranch developments, which are primarily single family residential with some school sites and mixed-use areas.

Collection System Information for wastewater TPDES permits only: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. Please see the instructions for a detailed explanation and examples.

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
Platinum Ranch Collection System	MM Platinum Ranch	Privately Owned	6,000
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)
Is the application for a renewal of a permit that contains an unbuilt phase or phases?
□ Yes ⊠ No
If yes , does the existing permit contain a phase that has not been constructed within five years of being authorized by the TCEQ?
□ Yes □ No
If yes, provide a detailed discussion regarding the continued need for the unbuilt phase. Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases.
N <u>/A</u>

Section 5. Closure Plans (Instructions Page 44)

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

Yes 🖂 No

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

	□ Yes □ No
If ?	yes, provide a brief description of the closure and the date of plan approval.
C	lick to enter text.
Se	ection 6. Permit Specific Requirements (Instructions Page 44)
	r applicants with an existing permit, check the Other Requirements or Special ovisions of the permit.
A.	Summary transmittal
	Have plans and specifications been approved for the existing facilities and each proposed phase?
	□ Yes ⊠ No
	If yes, provide the date(s) of approval for each phase: Click to enter text.
	Provide information, including dates, on any actions taken to meet a <i>requirement or provision</i> pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable .
	N/A
B.	Buffer zones
	Have the buffer zone requirements been met?
	⊠ Yes □ No
	Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation relevant to maintaining the buffer zones.
	N/A
C.	Other actions required by the current permit
	Does the <i>Other Requirements</i> or <i>Special Provisions</i> section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc. Yes No
	If yes, provide information below on the status of any actions taken to meet the
	conditions of an Other Requirement or Special Provision.
	N/A
_	
D.	Grit and grease treatment
	1. Acceptance of grit and grease waste
	Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?
	□ Yes ⊠ No

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

2. Grit and grease processing

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

Click to enter text.

3. Grit disposal

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

□ Yes □ No

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

Describe the method of grit disposal.

Click to enter text.

4. Grease and decanted liquid disposal

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

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

Click to enter text.

E. Stormwater management

1. Applicability

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

□ Yes ⊠ No

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

□ Yes ⊠ No

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

2. MSGP coverage

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

□ Yes □ No

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

TXR05 Click to enter text, or TXRNE Click to enter text.

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

3.	Conditional exclusion
	Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?
	□ Yes □ No
	If yes, please explain below then proceed to Subsection F, Other Wastes Received:
	Click to enter text.
4.	Existing coverage in individual permit
	Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?
	□ Yes □ No
	If yes , provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.
	Click to enter text.
5.	Zero stormwater discharge
	Do you intend to have no discharge of stormwater via use of evaporation or other means?
	□ Yes □ No
	If yes, explain below then skip to Subsection F. Other Wastes Received.
	Click to enter text.
	Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.
6.	Request for coverage in individual permit
	Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?
	□ Yes □ No
	If yes , provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you

intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click to enter text.

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

F. Discharges to the Lake Houston Watershed

Does	the	faci	lity	discharge i	in the La	ke Hou	ston v	vatersh	ed?
	Y	es	\boxtimes	No					

If yes, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. $\mathsf{N/A}$

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

1. Acceptance of sludge from other WWTPs

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

□ Yes ⊠ No

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

In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the sludge, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

N/A

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

□ Yes ⊠ No

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

□ Yes □ No

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

□ Yes □ No

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

_			 	_			
CIIC	K (U)	I ICAL.					

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

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

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

□ Yes ⊠ No

Click to ontor toxt

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

Click to enter text.

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

Is the facility in operation?

□ Yes ⊠ No

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

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

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
CBOD ₅ , mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					

E.coli (CFU/100ml) freshwater			
Entercocci (CFU/100ml) saltwater			
Total Dissolved Solids, mg/l			
Electrical Conductivity, µmohs/cm, †			
Oil & Grease, mg/l			
Alkalinity (CaCO ₃)*, mg/l			

^{*}TPDES permits only

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

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

Section 8. Facility Operator (Instructions Page 49)

Facility Operator Name: TBD

Facility Operator's License Classification and Level: TBD

Facility Operator's License Number: <u>TBD</u>

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

A. WWTP's Sewage Sludge or Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- \square Design flow>= 1 MGD
- \square Serves >= 10,000 people
- □ Class I Sludge Management Facility (per 40 CFR § 503.9)
- ☐ Biosolids end user land application (onsite)
- ☐ Biosolids end user surface disposal (onsite)
- ☐ Biosolids end user incinerator (onsite)

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

[†]TLAP permits only

\boxtimes	Aerobic Digestion
	Air Drying (or sludge drying beds)
	Lower Temperature Composting
	Lime Stabilization
	Higher Temperature Composting
	Heat Drying
	Thermophilic Aerobic Digestion
	Beta Ray Irradiation
	Gamma Ray Irradiation
	Pasteurization
	Preliminary Operation (e.g. grinding, de-gritting, blending)
\boxtimes	Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
	Sludge Lagoon
	Temporary Storage (< 2 years)
	Long Term Storage (>= 2 years)
	Methane or Biogas Recovery
	Other Treatment Process: Click to enter text

C. Sewage Sludge or Biosolids Management

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

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Disposal in Landfill	Off-site Third-Party Handler or Preparer	Not Applicable		N/A: Disposal in Landfill	N/A: Disposal in Landfill
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): N/A

	Disposal site name:	<u>TBD</u>					
	TCEQ permit or regi	istration number:	<u>TBD</u>				
	County where dispo	osal site is located	: <u>TBD</u>				
E.	Transportation met	thod					
	Method of transpor	tation (truck, traiı	n, pipe, other	:): <u>Trı</u>	<u>uck</u>		
	Name of the hauler:	: <u>TBD</u>					
	Hauler registration	number: <u>TBD</u>					
	Sludge is transporte	ed as a:					
	Liquid □ se	mi-liquid 🗵	semi-solid		solid		
Se	ection 10. Perm	it Authorizati	on for Sev	wag	e Sludg	ge D	Disposal
	(Instr	uctions Page	52)				
A.	Beneficial use auth	orization					
	Does the existing pe beneficial use?	ermit include auth	norization fo	r lan	d applica	tion	of biosolids for
	□ Yes ⊠ N	О					
	If yes , are you requebeneficial use?	esting to continue	this authori	izatio	on to land	d app	oly biosolids for
	□ Yes □ N	0					
	If yes, is the comple (TCEQ Form No. 10 details)?						Use of Sewage Sludge e instructions for
	□ Yes □ N	0					
B.	Sludge processing	authorization					
	Does the existing pe storage or disposal		norization fo	r any	of the fo	ollow	ring sludge processing,
	Sludge Compost	ing			Yes		No
	Marketing and D	Distribution of Bio	solids		Yes		No
	Sludge Surface D	Disposal or Sludge	Monofill		Yes		No
	Temporary stora	age in sludge lago	ons		Yes		No
		e completed Dom	estic Wastew	vater	Permit A	Appl	sting to continue this ication: Sewage Sludge application?
	□ Yes □ N	О					

D. Disposal site

Section 11. Sewage Sludge Lagoons (Instructions Page 53) Does this facility include sewage sludge lagoons? \boxtimes Yes No If yes, complete the remainder of this section. If no, proceed to Section 12. A. Location information The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number. • Original General Highway (County) Map: Attachment: Click to enter text. USDA Natural Resources Conservation Service Soil Map: Attachment: Click to enter text. Federal Emergency Management Map: Attachment: Click to enter text. Site map: Attachment: Click to enter text. Discuss in a description if any of the following exist within the lagoon area. Check all that apply. Overlap a designated 100-year frequency flood plain Soils with flooding classification Overlap an unstable area Wetlands Located less than 60 meters from a fault None of the above **Attachment**: Click to enter text. If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures: Click to enter text. **B.** Temporary storage information Provide the results for the pollutant screening of sludge lagoons. These results are in

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

Nitrate Nitrogen, mg/kg: Click to enter text.

Total Kjeldahl Nitrogen, mg/kg: Click to enter text.

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

Phosphorus, mg/kg: <u>Click to enter text.</u>
Potassium, mg/kg: <u>Click to enter text.</u>

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: <u>Click to enter text.</u>

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: <u>Click to enter text.</u> Provide the following information:

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

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

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

C. Liner information

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

□ Yes □ No

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

Click to enter text.

D. Site development plan

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

Click to enter text.

Attach the following documents to the application.

• Plan view and cross-section of the sludge lagoon(s)

Attachment: Click to enter text.

• Copy of the closure plan

Attachment: Click to enter text.

• Copy of deed recordation for the site

Attachment: Click to enter text.

• Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

Attachment: Click to enter text.

	Attachment: Click to enter text.
	 Procedures to prevent the occurrence of nuisance conditions
	Attachment: Click to enter text.
E.	Groundwater monitoring
	Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?
	□ Yes □ No
	If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.
	Attachment: Click to enter text.
Se	ection 12. Authorizations/Compliance/Enforcement (Instructions Page 54)
A.	Additional authorizations
	Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?
	□ Yes ⊠ No
	If yes, provide the TCEQ authorization number and description of the authorization:
N	/A
В.	Permittee enforcement status
	Is the permittee currently under enforcement for this facility?
	□ Yes ⊠ No
	Is the permittee required to meet an implementation schedule for compliance or enforcement?
	□ Yes ⊠ No
	If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:
Ν	/A
<u> </u>	
Se	ection 13. RCRA/CERCLA Wastes (Instructions Page 55)

Description of the method of controlling infiltration of groundwater and surface

water from entering the site

A. RCRA hazardous wastes

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

Yes	\boxtimes	No

B. Remediation activity wastewater

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

□ Yes ⊠ No

C. Details about wastes received

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

Attachment: Click to enter text.

Section 14. Laboratory Accreditation (Instructions Page 55)

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

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

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

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

CERTIFICATION:

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

Printed Name: Mehrdad Moayedi

Title: President and CEO

Signature: 2hull

Date: 9-11-2025

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 63) Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge? Yes 🖂 No If **no**, proceed it Section 2. **If yes**, provide the following: Owner of the drinking water supply: Click to enter text. Distance and direction to the intake: Click to enter text. Attach a USGS map that identifies the location of the intake. Attachment: Click to enter text. Section 2. Discharge into Tidally Affected Waters (Instructions Page 63) Does the facility discharge into tidally affected waters? Yes 🗵 No If **no**, proceed to Section 3. **If yes**, complete the remainder of this section. If no, proceed to Section 3. A. Receiving water outfall Width of the receiving water at the outfall, in feet: Click to enter text. **B.** Oyster waters Are there oyster waters in the vicinity of the discharge? Yes □ No **If yes**, provide the distance and direction from outfall(s). Click to enter text. C. Sea grasses Are there any sea grasses within the vicinity of the point of discharge? Yes □ No **If yes,** provide the distance and direction from the outfall(s).

Section 3. Classified Segments (Instructions Page 63)

Click to enter text.

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

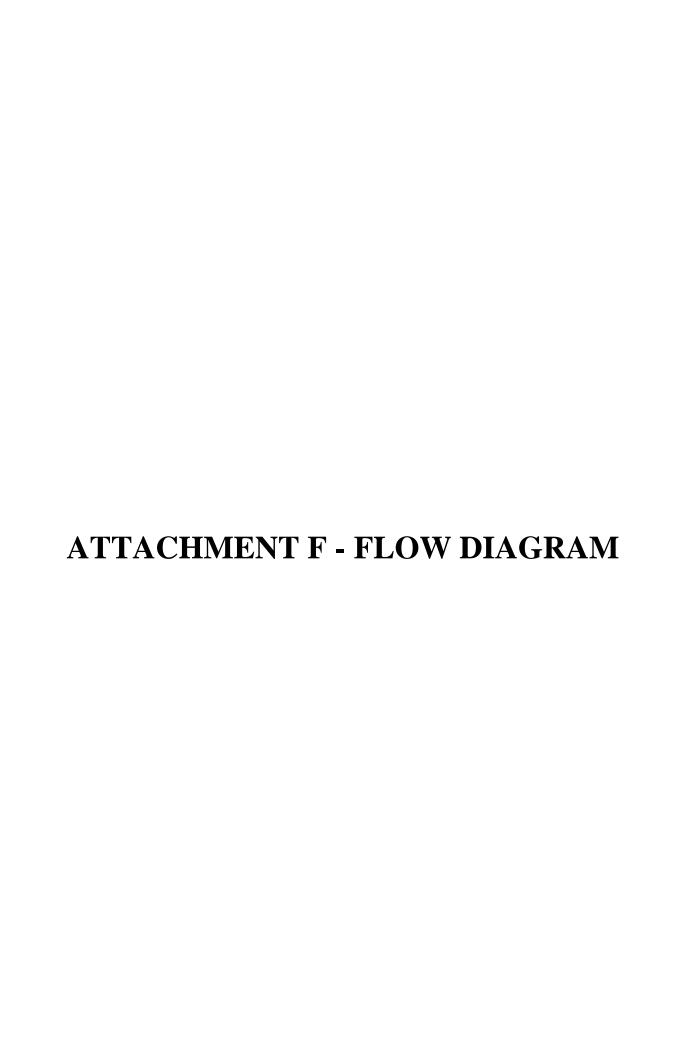
□ Yes ⊠ No	
If yes, this Worksheet is complete.	
If no , complete Sections 4 and 5 of this Worksheet.	
Section 4. Description of Immediate Receiving Waters (Instruction Page 63)	ons
Name of the immediate receiving waters: <u>Little Elm Creek (Segment 0823A-Unclassified</u>	<u>(b</u>
A. Receiving water type	
Identify the appropriate description of the receiving waters.	
⊠ Stream	
☐ Freshwater Swamp or Marsh	
□ Lake or Pond	
Surface area, in acres: Click to enter text.	
Average depth of the entire water body, in feet: Click to enter text.	
Average depth of water body within a 500-foot radius of discharge point, Click to enter text.	in feet:
□ Man-made Channel or Ditch	
□ Open Bay	
□ Tidal Stream, Bayou, or Marsh	
□ Other, specify: <u>Click to enter text.</u>	
B. Flow characteristics	
If a stream, man-made channel or ditch was checked above, provide the following. F existing discharges, check one of the following that best characterizes the area <i>upst</i> of the discharge. For new discharges, characterize the area <i>downstream</i> of the disch (check one).	ream
\square Intermittent - dry for at least one week during most years	
$\hfill \square$ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses	
□ Perennial - normally flowing	
Check the method used to characterize the area upstream (or downstream for new dischargers).	
□ USGS flow records	
☐ Historical observation by adjacent landowners	
□ Personal observation	
Materbodies Evaluated	

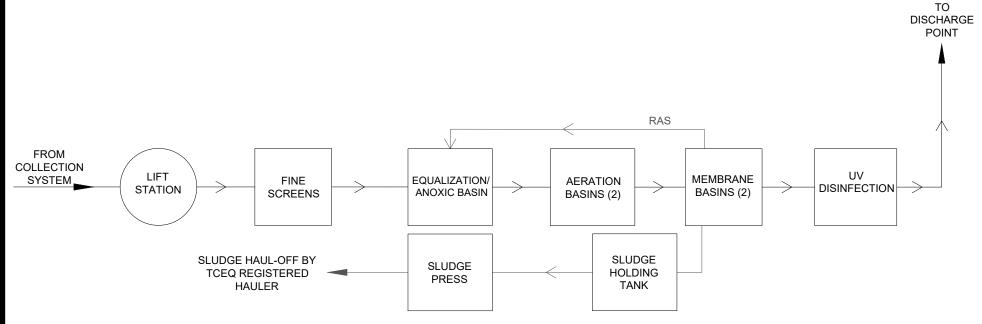
List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point. None D. Downstream characteristics Do the receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.)? Yes 🗵 No If yes, discuss how. Click to enter text. E. Normal dry weather characteristics Provide general observations of the water body during normal dry weather conditions. The creek has some water (roughly 10' wide) flowing with minimal velocity Date and time of observation: July 7, 2025, 10 am Was the water body influenced by stormwater runoff during observations? Yes 🗵 No Section 5. **General Characteristics of the Waterbody (Instructions Page 65)** A. Upstream influences Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply. Oil field activities Urban runoff Upstream discharges \boxtimes Agricultural runoff Other(s), specify: Click to enter text. Septic tanks **B.** Waterbody uses Observed or evidences of the following uses. Check all that apply. \boxtimes Livestock watering Contact recreation Irrigation withdrawal Non-contact recreation Fishing **Navigation** Domestic water supply Industrial water supply Park activities Other(s), specify: Click to enter text. C. Waterbody aesthetics

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

the surrounding area.

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





CROOKED CROSS WWTP FLOW DIAGRAM - FINAL PHASE (0.4 MGD) JULY 2025



307 Saint Lawrence St. Gonzales, TX 78629 p: 830.672.7546 f: 830.672.2034 www.swengineers.com TBPELS #F-1909

Gonzales • Buda • Bastrop • Round Ro



O:\CompanyData\Clients\0927 - KFM Engineering & Design\-026 Platinum Ranc\WWTP\Work in Progress\Permit Exhibits\Permit Base.dwg

Candice Calhoun

From: Allison Nieto <Allison.Nieto@swengineers.com>

Sent: Thursday, September 25, 2025 4:07 PM

To: Candice Calhoun

Subject: RE: Application to Amend Permit No. WQ0014835001 (MM Platinum Ranch, LLC) -

Notice of Deficiency

Follow Up Flag: Follow up Flag Status: Completed

Good Afternoon Candice,

Both the hard copy of the application and the check are already in the mail to TCEQ and should arrive tomorrow or Monday at the latest.

Thanks,

Allison Nieto, P.E.

Senior Project Manager p: (830) 672-7546 ext 413

a: 307 Saint Lawrence Street, Gonzales, Texas 78629

w: <u>swengineers.com</u> TBPE No. F-1909

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

Sent: Thursday, September 25, 2025 2:18 PM **To:** Allison Nieto <Allison.Nieto@swengineers.com>

Subject: Application to Amend Permit No. WQ0014835001 (MM Platinum Ranch, LLC) - Notice of Deficiency

Importance: High

You don't often get email from candice.calhoun@tceq.texas.gov. Learn why this is important

Good afternoon, Mrs. Nieto,

The attached Notice of Deficiency (NOD) letter dated <u>September 25, 2025</u>, requests additional information needed to declare the application administratively complete. Please send complete response no later than <u>October 9, 2025</u>.

If you have any questions, please let me know.

Regards,

Candice Courville



License & Permit Specialist ARP Team | Water Quality Division Texas Commission on Environmental Quality 512-239-4312

candice.calhoun@tceq.texas.gov

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