

Administrative Package Cover Page

This file contains the following documents:

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



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

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

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.

The City of Luling (CN600243240) operates the City of Luling North Wastewater Treatment Plant (RN101610798), a municipal domestic wastewater treatment facility. The facility is located at 1001 Willow Street, in Luling, Caldwell County, Texas 78648. This application is for renewal of an existing TPDES discharge permit.

Discharges from the facility are expected to contain biochemical oxygen demand, suspended solids, and ammonia nitrogen. Municipal domestic wastewater is treated by an activated sludge treatment process consisting of grit removal, primary aeration, secondary aeration, clarification, a trickling filter, and a chlorine contact basin. Wasted sludge is sent to a digester for further processing and finally a sludge drying bed for dewatering prior to being trucked by a third-party entity to a landfill for disposal.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



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

PERMIT NO. WQ0010582002

APPLICATION. City of Luling, 509 East Street Luling, Texas 78648, has applied to the Texas Commission on Environmental Quality (TCEQ) to renew Texas Pollutant Discharge Elimination System (TPDES) Permit No. WQ0010582002 (EPA I.D. No. TX0022764) to authorize the discharge of treated wastewater at a volume not to exceed a daily average flow of 900,000 gallons per day. The domestic wastewater treatment facility is located at 1001 Willow Street, in the city of Luling, in Caldwell County, Texas 78648. The discharge route is from the plant site to Salt Branch; thence to Plum Creek. TCEQ received this application on September 23, 2024. The permit application will be available for viewing and copying at Luling City Hall, 509 East Crockett, Luling, in Caldwell County, Texas prior to the date this notice is published in the newspaper. The application, including any updates, and associated notices are available electronically at the following webpage:

https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tpdes-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application.

https://gisweb.tceq.texas.gov/LocationMapper/?marker=-97.629166,29.6875&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 City of Luling at the address stated above or by calling Ms. CJ Watts, Mayor, at 830-875-2481.

Issuance Date: October 8, 2024

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME:	City of Luling
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PERMIT NUMBER (If new, leave blank): WQ00 10582-002

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
Public Involvement Plan Form		\boxtimes	Flow Diagram	\boxtimes	
Technical Report 1.0	\boxtimes		Site Drawing	\boxtimes	
Technical Report 1.1		\boxtimes	Original Photographs		\boxtimes
Worksheet 2.0	\boxtimes		Design Calculations		\boxtimes
Worksheet 2.1		\boxtimes	Solids Management Plan		\boxtimes
Worksheet 3.0		\boxtimes	Water Balance		\boxtimes
Worksheet 3.1		\boxtimes			
Worksheet 3.2		\boxtimes			
Worksheet 3.3		\boxtimes			
Worksheet 4.0		\boxtimes			
Worksheet 5.0					
Worksheet 6.0	\boxtimes				
Worksheet 7.0					

For TCEQ Use Only	
Segment Number	County
Expiration Date	Region
Permit Number	

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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 □

Payment Information:

Mailed Check/Money Order Number: 67342
Check/Money Order Amount: \$1,650.00
Name Printed on Check: City of Luling
EPAY Voucher Number: Click to enter text.
Copy of Payment Voucher enclosed? Yes

Section 2. Type of Application (Instructions Page 26)

a.	Che	eck the box next to the appropriate authorization type							
	\boxtimes	Publicly-Owned Domestic Wastewater							
		Privately-Owned Domestic Wastewater							
		Conventional Wastewater Treatment							
b.	Che	ck the box next to the appropriate facility status.							
	\boxtimes	Active Inactive							

c.	Che	eck the box next to the appropriat	e permit type.					
	\boxtimes	▼ TPDES Permit						
		TLAP						
		TPDES Permit with TLAP compo	nent					
	☐ Subsurface Area Drip Dispersal System (SADDS)							
d.	d. Check the box next to the appropriate application type							
		New						
		Major Amendment <u>with</u> Renewal		Minor Amendment with Renewal				
		Major Amendment <u>without</u> Rene	wal \square	Minor Amendment <u>without</u> Renewal				
	\boxtimes	Renewal without changes		Minor Modification of permit				
e.	For	amendments or modifications, de	escribe the propo	osed changes: <u>N/A</u>				
f.	For	existing permits:						
	Per	mit Number: WQ00 <u>10582-002</u>						
	EPA	A I.D. (TPDES only): TX TX0022764						
	Exp	piration Date: <u>March 18, 2024</u>						
Se	ectio			Co-Applicant Information				
		(Instructions Page	26)					
A.	The	e owner of the facility must appl	y for the permit					
	Wh	at is the Legal Name of the entity	(applicant) apply	ing for this permit?				
	<u>City</u>	of Luling						
		e legal name must be spelled exac legal documents forming the entit		he Texas Secretary of State, County, or in				
), what is the Customer Number (CN)? http://www15.tceq.texas.gov/crpub/				
		CN: <u>600243240</u>						
		at is the name and title of the percutive official meeting signatory r		pplication? The person must be an 80 TAC § 305.44.				
		Prefix: <u>Mrs.</u>	Last Name, First	Name: Watts, CJ				

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

Credential: Click to enter text.

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

N/A

Title: Mayor

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

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

CN: N/A

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

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

Title: N/A Credential: N/A

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

C. Core Data Form

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

Section 4. Application Contact Information (Instructions Page 27)

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

A. Prefix: Mr. Last Name, First Name: Rudolph, Mark

Title: Project Manager Credential: P.E.

Organization Name: Strand Associates, Inc.

Mailing Address: 1906 Niebuhr Street City, State, Zip Code: Brenham, TX 77833

Phone No.: <u>979-836-7937</u> E-mail Address: <u>mark.rudolph@strand.com</u>

Check one or both:

Administrative Contact

Technical Contact

B. Prefix: Mr. Last Name, First Name: Schulle, Bill

Title: Wastewater Superintendent Credential: Click to enter text.

Organization Name: City of Luling

Mailing Address: <u>509 E. Crockett</u> City, State, Zip Code: <u>Luling, TX 78648</u> Phone No.: 830-875-2481 E-mail Address: wastewatersuper@cityofluling.net

Check one or both: \square Administrative Contact \square 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: Schulle, Bill

Title: Wastewater Superintendent Credential: Click to enter text.

Organization Name: City of Luling

Mailing Address: <u>509 E. Crockett</u> City, State, Zip Code: <u>Luling, TX 78648</u>

Phone No.: 830-875-2481 E-mail Address: wastewatersuper@cityofluling.net

B. Prefix: Mrs. Last Name, First Name: Velasquez, Martha

Title: <u>City Secretary</u> Credential: Click to enter text.

Organization Name: City of Luling

Mailing Address: <u>509 E. Crockett</u> City, State, Zip Code: <u>Luling, TX 78648</u>

Phone No.: 830-875-2481 E-mail Address: citysecretary@cityofluling.net

Section 6. Billing Contact Information (Instructions Page 27)

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

Prefix: Mrs. Last Name, First Name: Velasquez, Martha

Title: <u>City Secretary</u> Credential: Click to enter text.

Organization Name: City of Luling

Mailing Address: <u>509 E. Crockett</u> City, State, Zip Code: <u>Luling, TX 78648</u>

Phone No.: <u>830-875-2481</u> E-mail Address: <u>citysecretary@cityofluling.net</u>

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: Schulle, Bill

Title: Wastewater Superintendent Credential: Click to enter text.

Organization Name: City of Luling

Mailing Address: <u>509 E. Crockett</u> City, State, Zip Code: <u>Luling, TX 78648</u>

Phone No.: 830-875-2481 E-mail Address: wastewatersuper@cityofluling.net

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Rudolph, Mark

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

Organization Name: Strand Associates, Inc.

Mailing Address: 1906 Niebuhr Street City, State, Zip Code: Brenham, TX 77833

Phone No.: 979-836-7937 E-mail Address: mark.rudolph@strand.com

B.	. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package						
	Indicate by a check mark the preferred method for receiving the first notice and instructions						
	\boxtimes	E-mail Address					
		Fax					
		Regular Mail					
C.	Co	ntact permit to be listed in th	e Notices				
	Pre	fix: Mrs.	Last Name, First Name: Watts, CJ				
	Tit	le: <u>Mayor</u>	Credential: Click to enter text.				
	Org	ganization Name: <u>City of Lulin</u> g					
	Ma	iling Address: 509 E. Crockett	City, State, Zip Code: Luling, TX 78648				
	Pho	one No.: <u>830-875-2481</u>	E-mail Address: <u>N/A</u>				
D.	Pu	blic Viewing Information					
		he facility or outfall is located inty must be provided.	in more than one county, a public viewing place for each				
	Pul	olic building name: <u>Luling City</u>	<u>Hall</u>				
	Loc	cation within the building: <u>Fro</u>	nt desk				
	Phy	ysical Address of Building: <u>509</u>	P.E. Crockett				
	Cit	y: <u>Luling</u>	County: <u>Caldwell</u>				
	Co	ntact (Last Name, First Name):	<u>Velasquez, Martha</u>				
	Pho	one No.: <u>830-875-2481</u> Ext.: Clic	ck to enter text.				
E.	Bil	ingual Notice Requirements					
		is information is required for odification, and renewal appli	new, major amendment, minor amendment or minor cations.				
	be		only used to determine if alternative language notices will s on publishing the alternative language notices will be in				
	ob		dinator at the nearest elementary and middle schools and to determine whether an alternative language notices are				
	1. Is a bilingual education program required by the Texas Education Code at the elementa or middle school nearest to the facility or proposed facility?						
		□ Yes ⊠ No					
		If no , publication of an altern below.	ative language notice is not required; skip to Section 9				
	2.	Are the students who attend a bilingual education program	either the elementary school or the middle school enrolled in at that school?				
		□ Yes □ No					

	3.	Do the locatio		at these	school	s attend	a bilingua	l educa	tion prog	gram a	t another
			Yes		No						
	4.						a bilingua TAC §89.			gram l	out the school has
			Yes		No						
	5.						or 4, publi the biling				tive language are
F.	Pla	ain Lang	guage Sun	nmary T	[emplat	e					
	Co	mplete	the Plain	Languag	e Sumn	nary (TCI	EQ Form 2	0972) a	and inclu	de as a	n attachment.
	At	tachme	nt: <u>See Ex</u> l	nibit B							
G	Pıı	hlic Inv	olvemen	t Plan Fo	orm						
G.						an Form	(TCEO Fo	rm 209)60) for e	ach ap	plication for a
							nit and in				
	At	tachme	nt: <u>N/A</u>								
Se	cti	on 9.	Regul Page		Entity	and Pe	ermitted	Site	Inform	ation	(Instructions
A.				ly regul	ated by	TCEQ, p	rovide the	Regula	ited Entit	y Num	ber (RN) issued to
			e TCEQ's (currently				<u>//www15.t</u>	ceq.tex	as.gov/c	rpub/	to determine if
B.	Na	me of p	roject or	site (the	name k	nown by	the comm	nunity	where lo	cated):	
	<u>Lu</u>	<u>ling Nor</u>	th Wastew	ater Trea	tment P	<u>ant</u>					
C.	Ov	vner of	treatment	facility:	City of I	_uling					
	Ov	vnershij	p of Facili	ty: 🖂	Public		Private		Both		Federal
D.	Ov	vner of	land wher	e treatn	nent fac	ility is or	will be:				
	Pre	efix: N/A	<u>A</u>		La	ast Name	e, First Nar	ne: <u>N/</u>	<u> </u>		
	Tit	le: <u>N/A</u>			C	redentia	l: <u>N/A</u>				
	Or	ganizat	ion Name	: City of L	_uling						
	Ma	iling Ao	ddress: <u>50</u>	9 E. Croc	<u>:kett</u>		City, State	, Zip C	ode: <u>Lulir</u>	ng, TX 7	<u> 18648</u>
	Ph	one No.	: <u>830-875-</u>	<u> 2481</u>	F	E-mail Ac	ldress: <u>cit</u> y	<u>secreta</u>	ry@cityof	luling.r	<u>net</u>
					_		the facility instruction		or co-ap	plican	t, attach a lease
		Attach	ment: <u>N/</u>	<u>4</u>							

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 person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.							
	Attachment: N/A							
F.	Owner sewage sludge disposal si property owned or controlled by	te (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 person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.							
	Attachment: N/A	ement. See histractions.						
	Attachment: N/A							
Se	ction 10. TPDES Dischar	ge Information (Instructions Page 31)						
		ity location in the existing permit accurate?						
	⊠ Yes □ No	,						
	If no , or a new permit application , please give an accurate description:							
	N/A, current description is accurate.							
B.	Are the point(s) of discharge and	the discharge route(s) in the existing permit correct?						
	⊠ Yes □ No							
	If no , or a new or amendment permit application , provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:							
	N/A, current description is accurat	e.						
	City nearest the outfall(s): <u>City of</u>	Luling						
	County in which the outfalls(s) is	s/are located: <u>Caldwell</u>						
C.	Is or will the treated wastewater a flood control district drainage	discharge to a city, county, or state highway right-of-way, or ditch?						
	□ Yes ⊠ No							

	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: N/A
Co	estion 11 TI AD Disposal Information (Instructions Dags 22)
26	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 N/A
	If no, or a new or amendment permit application , provide an accurate description of the disposal site location:
	N/A
	City nearest the disposal site: N/A
	County in which the disposal site is located: N/A
D.	For TLAPs , describe the routing of effluent from the treatment facility to the disposal site:
	N/A
E.	For TLAPs , please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained: N/A
Se	ection 12. Miscellaneous Information (Instructions Page 32)
A.	Is the facility located on or does the treated effluent cross American Indian Land?
	□ Yes ⊠ No
B.	If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?
	□ Yes □ No ⊠ Not Applicable
	If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.
	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: Mark A. Rudolph, P.E former TCEQ intern
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>
Е.	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>
C	oction 12 Attachments (Instructions Dago 22)
	ection 13. Attachments (Instructions Page 33)
In	dicate which attachments are included with the Administrative Report. Check all that apply:
In	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
In	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.
In	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. (See Exhibit C) 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)
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. (See Exhibit C) 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.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: WQ0010582-002

Applicant: City of Luling

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):	<u>CJ</u>	Watts

Signatory title: Mayor

Signature:

(Use blue ink)

Subscribed and Sworn to before me by the said day of Sent

My commission expires on the

on this

JESSICA LOPEZ TUCKER [SEAL] Notary Public, State of Texas Notary ID# 13092237-7 My Commission Expires DECEMBER 6, 2024

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

A.

B.

C.

D.

E.

Section 1. Affected Landowner Information (Instructions Page 36)

Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:
☐ The applicant's property boundaries
☐ The facility site boundaries within the applicant's property boundaries
☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
☐ The property boundaries of all landowners surrounding the effluent disposal site
The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located
☐ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.
Indicate by a check mark in which format the landowners list is submitted: $ \square \ \ \text{USB Drive} \ \ \square \ \ \text{Four sets of labels} $
Provide the source of the landowners' names and mailing addresses: Click to enter text.
As required by <i>Texas Water Code § 5.115</i> , is any permanent school fund land affected by this application?
□ Yes □ No

	If y lan		provide the location and foreseeable impacts and effects this application has on the):
	Cl	ick	to enter text.
Ç.	cti	on	2 Original Photographs (Instructions Dago 28)
			2. Original Photographs (Instructions Page 38) riginal ground level photographs. Indicate with checkmarks that the following
			on is provided.
		A	t least one original photograph of the new or expanded treatment unit location
		d a e	t least two photographs of the existing/proposed point of discharge and as much area ownstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to n open water body (e.g., lake, bay), the point of discharge should be in the right or left dge of each photograph showing the open water and with as much area on each espective side of the discharge as can be captured.
		A	t least one photograph of the existing/proposed effluent disposal site
		A	plot plan or map showing the location and direction of each photograph
Sa	cti	on	3. Buffer Zone Map (Instructions Page 38)
	Buf inf	ffer orn	zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following nation. The applicant's property line and the buffer zone line may be distinguished by dashes or symbols and appropriate labels.
		•	The applicant's property boundary; The required buffer zone; and Each treatment unit; and The distance from each treatment unit to the property boundaries.
В.			zone compliance method. Indicate how the buffer zone requirements will be met. all that apply.
			Ownership
			Restrictive easement
			Nuisance odor control
			Variance
C.			table site characteristics. Does the facility comply with the requirements regarding able site characteristic found in 30 TAC § 309.13(a) through (d)?
			Yes No

DOMESTIC WASTEWATER PERMIT APPLICATION SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

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

Attachment: See Exhibit D

THE TONMENTAL OUNT

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

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

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

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

A. Existing/Interim I Phase

Design Flow (MGD): <u>0.90</u> 2-Hr Peak Flow (MGD): 1.25

Estimated construction start date: <u>Existing</u>
Estimated waste disposal start date: <u>Existing</u>

B. Interim II Phase

Design Flow (MGD): <u>N/A</u> 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): 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>

D. Current Operating Phase

Provide the startup date of the facility: ~1970's

Section 2. Treatment Process (Instructions Page 43)

A. Current Operating Phase

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

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

See Exhibit E

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)
No changes to existing treatment units from previous renewal application in 2019.		

C. Process Flow Diagram

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

Attachment: See Exhibit G

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

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

• Latitude: <u>29.685853</u>

• Longitude: -97.628253

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 a disposal site. 	authorized in the p	ermit, the boundaries of	the land application or
Attachment: See Exhibit	<u>H</u>		
Provide the name and a des	cription of the area	served by the treatment	facility.
The WWTP serves the northe	rn portion of the City	of Luling.	
Collection System Informatic each uniquely owned collection systems. examples. Collection System Information	ction system, existing Please see the inst	ng and new, served by th	is facility, including
Collection System Name	Owner Name	Owner Type	Population Served
Luling North WWTP Collection System	City of Luling	Publicly Owned	~3,500
		Choose an item.	
		Choose an item.	
		Choose an item.	
	Phases (Instruc	-	
Is the application for a rene	wal of a permit tha	t contains an unbuilt ph	ase or phases?
□ Yes ⊠ No			
If yes, does the existing per years of being authorized b		e that has not been cons	tructed within five
☐ Yes ☐ No	,		
If yes, provide a detailed di Failure to provide sufficier recommending denial of the	nt justification may	result in the Executive	
N <u>/A</u>			

Section 5. Closure Plans (instructions Page 45)
Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?
□ Yes ⊠ No
If yes, was a closure plan submitted to the TCEQ?
□ Yes ⊠ No
If yes, provide a brief description of the closure and the date of plan approval.
Section 6. Permit Specific Requirements (Instructions Page 45) For applicants with an existing permit, check the Other Requirements or Special Provisions of the permit.
A. Summary transmittal
Have plans and specifications been approved for the existing facilities and each proposed phase?
⊠ Yes □ No
If yes, provide the date(s) of approval for each phase: Unknown, likely ~1970's
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.	<u>/A</u>
•	0.1	
C.		her actions required by the current permit
	sul	es the <i>Other Requirements</i> or <i>Special Provisions</i> section in the existing permit require omission of any other information or other required actions? Examples include tification of Completion, progress reports, soil monitoring data, etc.
		□ Yes ⊠ No
		ves, provide information below on the status of any actions taken to meet the additions of an <i>Other Requirement</i> or <i>Special Provision</i> .
	N.	<u>/A</u>
D.	Gri	it and grease treatment
	1.	Acceptance of grit and grease waste
		Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?
		□ Yes ⊠ No
		If No, stop here and continue with Subsection E. Stormwater Management.
	2.	Grit and grease processing
		Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.
		Click to enter text.
	3.	Grit disposal
		Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?
		□ Yes □ No

		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.
Ε.	Sto	ormwater management
		Applicability
		Does the facility have a design flow of 1.0 MGD or greater in any phase?
		□ Yes ⊠ No
		Does the facility have an approved pretreatment program, under 40 CFR Part 403?
		□ Yes ⊠ No
		If no to both of the above, then skip to Subsection F, Other Wastes Received.
	2.	MSGP coverage
		Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?
		□ Yes □ No
		If yes , please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:
		TXR05 Click to enter text. or TXRNE Click to enter text.
		If no, do you intend to seek coverage under TXR050000?
		□ Yes □ No
	3.	Conditional exclusion
		Alternatively, do you intend to apply for a conditional exclusion from permitting based

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

General Permit) Part V, Sector T 3(b)?

TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector

	LI TES LI NO					
If yes, please explain below then proceed to Subsection F, Other Wastes Received:						
	Click to enter text.					
ł.	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.					
<u>.</u>	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.					
ĵ.	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.	Dis	scharges to the Lake Houston Watershed
	Do	es the facility discharge in the Lake Houston watershed?
		□ Yes ⊠ No
	If y	ves, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. <u>A</u>
G.	Ot	her wastes received including sludge from other WWTPs and septic waste
	1.	Acceptance of sludge from other WWTPs
		Does or will the facility accept sludge from other treatment plants at the facility site?
		□ Yes ⊠ No
		If yes, attach sewage sludge solids management plan. See Example 5 of the instructions.
		In addition, provide the date the plant started or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an
		estimate of the BOD ₅ concentration of the sludge, and the design BOD ₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.
		N <u>/A</u>
		Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.
	<i>2.</i>	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 N/A

	If yes,	does	the ı	ınit have	a Municipal Solid Waste permit?
		Yes		No	N/A
	accept million design	ing se is of g BOD5	ptic alloi con	waste, ar ns), an es centratio	re, provide the date the plant started or is anticipated to start in estimate of monthly septic waste acceptance (gallons or stimate of the BOD ₅ concentration of the septic waste, and the on of the influent from the collection system. Also note if this of changed since the last permit action.
	N <u>/A</u>				
					sludge from other wastewater treatment plants may be flow and organic loading monitoring.
3.					stes (not including septic, grease, grit, or RCRA, CERCLA or red in Worksheet 6)
				lity acce _] above?	pt wastes that are not domestic in nature excluding the
		Yes	\boxtimes	No	
	much v descrip other p	waste otion o ohysic	is ac of th al ch	ccepted o e entities aracteris	hat the plant started accepting the waste, an estimate how on a monthly basis (gallons or millions of gallons), a segmentating the waste, and any distinguishing chemical or stic of the waste. Also note if this information has or has not rmit action.
	N <u>/A</u>				
Secti	on 7.	Po 50		ant An	alysis of Treated Effluent (Instructions Page
Is the	facility	in ope	erati	on?	
	Yes		О		
If no,	this sec	tion is	s not	applical	ble. Proceed to Section 8.
facilit compl	<i>ies</i> com lete Tab	plete le 1.0	Tabl (3). F	e 1.0(2). Provide c	data for the listed pollutants. <i>Wastewater treatment Water treatment facilities</i> discharging filter backwash water, opies of the laboratory results sheets. These tables are not nent without renewal. See the instructions for guidance.
Note:	The san	nple d	ate 1	nust be	within 1 year of application submission.

Table1.0(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					

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
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
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 Phosphorus, mg/l pH, standard units Dissolved Oxygen*, mg/l Chlorine Residual, mg/l E.coli (CFU/100ml) freshwater Entercocci (CFU/100ml) saltwater
pH, standard units Dissolved Oxygen*, mg/l Chlorine Residual, mg/l E.coli (CFU/100ml) freshwater Entercocci (CFU/100ml) saltwater
Dissolved Oxygen*, mg/l Chlorine Residual, mg/l E.coli (CFU/100ml) freshwater Entercocci (CFU/100ml) saltwater
Chlorine Residual, mg/l E.coli (CFU/100ml) freshwater Entercocci (CFU/100ml) saltwater
E.coli (CFU/100ml) freshwater Entercocci (CFU/100ml) saltwater
Entercocci (CFU/100ml) saltwater
saltwater
Total Dissolved Solids mg/l
Total Dissolved Solids, IIIg/1
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	N/A	N/A	N/A	N/A	N/A
Total Dissolved Solids, mg/l	N/A	N/A	N/A	N/A	N/A
pH, standard units	N/A	N/A	N/A	N/A	N/A
Fluoride, mg/l	N/A	N/A	N/A	N/A	N/A
Aluminum, mg/l	N/A	N/A	N/A	N/A	N/A
Alkalinity (CaCO ₃), mg/l	N/A	N/A	N/A	N/A	N/A

Section 8. Facility Operator (Instructions Page 50)

Facility Operator Name: Bill Schulle

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

Facility Operator's License Number: <u>WW0056366</u>

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 51)

A. WWTP's Biosolids Management Facility Type

[†]TLAP permits only

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

C. Biosolids Management

B.

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

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

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

D. Disposal site

Disposal site name: Texas Landfill Management, DBA Garden-Ville

TCEQ permit or registration number: WQ0010582-002

County where disposal site is located: Bexar

E. Transportation method

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

Name of the hauler: Texas Disposal Systems

Hauler registration number: 22419

Sludge is transported as a:

Liquid □ semi-liquid □ solid □ semi-solid ⊠

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

A. Beneficial use authorization

Does the exist beneficial us	_	permit include authorizati	on for land application of sewage sludge for
□ Yes	\boxtimes	No	
If yes , are you beneficial us		questing to continue this au	ithorization to land apply sewage sludge for
□ Yes		No	N/A
			mit for Beneficial Land Use of Sewage Sludge mit application (see the instructions for
□ Yes		No	N/A

B. Sludge processing authorization

Does the existing permit include authorization f storage or disposal options?	or an	y of the	follow	ring sludge processing,
Sludge Composting		Yes		No
Marketing and Distribution of sludge		Yes		No
Sludge Surface Disposal or Sludge Monofill		Yes	\boxtimes	No
Temporary storage in sludge lagoons		Yes	\boxtimes	No
If yes to any of the above sludge options and the authorization, is the completed Domestic Waste Technical Report (TCEQ Form No. 10056) attack.	ewate	r Permi	t Appl	ication: Sewage Sludge
□ Yes □ No N/A				
Section 11. Sewage Sludge Lagoons (In	stru	ctions	Page	e 53)
Does this facility include sewage sludge lagoons?				
□ Yes ⊠ No				
If yes, complete the remainder of this section. If no	, proc	eed to S	ection	12.
A. Location information				
The following maps are required to be submitte provide the Attachment Number.	d as p	art of t	he app	lication. For each map,
 Original General Highway (County) Map: 				
Attachment: Click to enter text.				
 USDA Natural Resources Conservation Se 	rvice	Soil Ma _l	o:	
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 ϵ apply.	exist v	vithin th	ie lago	on area. Check all that
Overlap a designated 100-year frequency	y floo	d plain		
\square Soils with flooding classification				
□ Overlap an unstable area				
□ Wetlands				
☐ Located less than 60 meters from a faul	t			
☐ None of the above				
Attachment: Click to enter text.				
If a portion of the lagoon(s) is located within the the protective measures to be utilized including				

TCEQ-10054 (01/09/2024) Domestic Wastewater Permit Application Technical Report

	Click to enter text.
B.	Temporary storage information
	Provide the results for the pollutant screening of sludge lagoons. These results are in addition to pollutant results in <i>Section 7 of Technical Report 1.0.</i>
	Nitrate Nitrogen, mg/kg: Click to enter text.
	Total Kjeldahl Nitrogen, mg/kg: Click to enter text.
	Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: Click to enter text.
	Phosphorus, mg/kg: Click to enter text.
	Potassium, mg/kg: Click to enter text.
	pH, standard units: <u>Click to enter text.</u>
	Ammonia Nitrogen mg/kg: Click to enter text.
	Arsenic: Click to enter text.
	Cadmium: Click to enter text.
	Chromium: Click to enter text.
	Copper: <u>Click to enter text.</u>
	Lead: Click to enter text.
	Mercury: Click to enter text.
	Molybdenum: <u>Click to enter text.</u>
	Nickel: <u>Click to enter text.</u>
	Selenium: <u>Click to enter text.</u>
	Zinc: Click to enter text.
	Total PCBs: <u>Click to enter text.</u>
	Provide the following information:
	Volume and frequency of sludge to the lagoon(s): <u>Click to enter text.</u>
	Total dry tons stored in the lagoons(s) per 365-day period: Click to enter text.
	Total dry tons stored in the lagoons(s) over the life of the unit: <u>Click to enter text.</u>
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 t	o enter text.
D.	Site de	velopment plan
	Provide	a detailed description of the methods used to deposit sludge in the lagoon(s):
	Click t	o enter text.
	Attach	the following documents to the application.
	• I	Plan view and cross-section of the sludge lagoon(s)
	A	Attachment: Click to enter text.
	• (Copy of the closure plan
	A	Attachment: Click to enter text.
	• (Copy of deed recordation for the site
	A	Attachment: Click to enter text.
	• 5	Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
	A	Attachment: Click to enter text.
		Description of the method of controlling infiltration of groundwater and surface water from entering the site
	A	Attachment: Click to enter text.
	• I	Procedures to prevent the occurrence of nuisance conditions
	A	Attachment: Click to enter text.
E.	Ground	lwater monitoring
	ground	ndwater monitoring currently conducted at this site, or are any wells available for water monitoring, or are groundwater monitoring data otherwise available for the lagoon(s)?
		Yes □ No
	types e	ndwater monitoring data are available, provide a copy. Provide a profile of soil ncountered down to the groundwater table and the depth to the shallowest water as a separate attachment.
	Atta	chment: Click to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions

Page 55)

	A -1 -1242 1		
Α.	Additional	auinoriz	anons

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 <u>/A</u>
B. Permittee enforcement status
Is the permittee currently under enforcement for this facility?
□ Yes ⊠ No
Is the permittee required to meet an implementation schedule for compliance or enforcement?
□ Yes ⊠ No
If yes to either question, provide a brief summary of the enforcement, the implementatio schedule, and the current status:
N <u>/A</u>
Section 13. RCRA/CERCLA Wastes (Instructions Page 55)
A. RCRA hazardous wastes
Has the facility received in the past three years, does it currently receive, or will it receive RCRA hazardous waste?

B. Remediation activity wastewater

□ Yes ⊠ No

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: N/A

Section 14. Laboratory Accreditation (Instructions Page 56)

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

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

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

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

CERTIFICATION:

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

Printed Name: CJ Watts

Title: Mayor

Signature

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 64)
Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?
□ Yes ⊠ No
If no , proceed it Section 2. If yes , provide the following:
Owner of the drinking water supply: <u>N/A</u>
Distance and direction to the intake: <u>N/A</u>
Attach a USGS map that identifies the location of the intake.
Attachment: N/A
Section 2. Discharge into Tidally Affected Waters (Instructions Page 64)
Does the facility discharge into tidally affected waters?
□ Yes ⊠ No
If no , proceed to Section 3. If yes , complete the remainder of this section. If no, proceed to Section 3.
A. Receiving water outfall
Width of the receiving water at the outfall, in feet: Click to enter text.
B. Oyster waters
Are there oyster waters in the vicinity of the discharge?
□ Yes □ No
If yes, provide the distance and direction from outfall(s).
Click to enter text.
C. Sea grasses
Are there any sea grasses within the vicinity of the point of discharge?
□ Yes □ No
If yes, provide the distance and direction from the outfall(s).
Click to enter text.

Is the discharge directly into (or within 300 feet of) a classified segment? Yes ⊠ No If yes, this Worksheet is complete. **If no**, complete Sections 4 and 5 of this Worksheet. Section 4. **Description of Immediate Receiving Waters (Instructions Page 65)** Name of the immediate receiving waters: Salt Branch A. Receiving water type Identify the appropriate description of the receiving waters. \boxtimes Stream Freshwater Swamp or Marsh Lake or Pond Surface area, in acres: Click to enter text. Average depth of the entire water body, in feet: Click to enter text. Average depth of water body within a 500-foot radius of discharge point, in feet: Click to enter text. Man-made Channel or Ditch Open Bay Tidal Stream, Bayou, or Marsh Other, specify: Click to enter text. **B.** Flow characteristics If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area downstream of the discharge (check one). Intermittent - dry for at least one week during most years Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses Perennial - normally flowing Check the method used to characterize the area upstream (or downstream for new dischargers). USGS flow records Historical observation by adjacent landowners \boxtimes Personal observation Other, specify: Click to enter text.

Classified Segments (Instructions Page 64)

Section 3.

		e names of all perennial streams tream of the discharge point.	that joir	the receiving water within three miles
	None			
D.	Downs	stream characteristics		
		receiving water characteristics c rge (e.g., natural or man-made da	_	ithin three miles downstream of the ds, reservoirs, etc.)?
		Yes ⊠ No		
	If yes,	discuss how.		
	N <u>/A</u>			
E.		l dry weather characteristics e general observations of the wat	er body	during normal dry weather conditions.
	C <u>lear v</u>	vater flowing from outfall and vegeta	ation gro	wing along discharge route.
	Date a	nd time of observation: <u>June 20, 2</u>	2024	
	Was th	e water body influenced by storn	nwater r	unoff during observations?
		Yes 🖾 No		
Se	ection	5. General Characterist Page 66)	ics of	the Waterbody (Instructions
A.	Upstre	am influences		
		mmediate receiving water upstre ced by any of the following? Che		ne discharge or proposed discharge site at apply.
		Oil field activities		Urban runoff
		Upstream discharges	\boxtimes	Agricultural runoff
		Septic tanks		Other(s), specify: Click to enter text.

C. Downstream perennial confluences

B. Waterbody uses Observed or evidences of the following uses. Check all that apply. Livestock watering Contact recreation Irrigation withdrawal Non-contact recreation **Fishing Navigation** 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

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 6.0: INDUSTRIAL WASTE CONTRIBUTION

The following is required for all publicly owned treatment works.

Section 1. All POTWs (Instructions Page 89)

A. Industrial users (IUs)

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

If there are no users, enter 0 (zero). Categorical IUs: Number of IUs: 0 Average Daily Flows, in MGD: 0 Significant IUs - non-categorical: Number of IUs: 0 Average Daily Flows, in MGD: 0 Other IUs: Number of IUs: 0

Average Daily Flows, in MGD: 0

B. Treatment plant interference

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

□ Yes ⊠ No

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

N <u>/A</u>

	In the past three years, has your POTW experienced pass through (see instructions)?
	□ Yes ⊠ No
	If yes , identify the dates, duration, a description of the pollutants passing through the treatment plant, and probable cause(s) and possible source(s) of each pass through event. Include the names of the IUs that may have caused pass through.
	N <u>/A</u>
D.	Pretreatment program
	Does your POTW have an approved pretreatment program?
	□ Yes ⊠ No
	If yes, complete Section 2 only of this Worksheet.
	Is your POTW required to develop an approved pretreatment program?
	□ Yes ⊠ No
	If yes, complete Section 2.c. and 2.d. only, and skip Section 3.
	If no to either question above , skip Section 2 and complete Section 3 for each significant industrial user and categorical industrial user.
E.	Service Area Map
	Attach a map indicating the service area of the POTW. The map should include the applicant's service area boundaries and the location of any known industrial users discharging to the POTW. Please see the instructions for guidance.
	Attachment: See Exhibit J
Se	ection 2. POTWs with Approved Programs or Those Required to
	Develop a Program (Instructions Page 90)
Α.	Substantial modifications
	Have there been any substantial modifications to the approved pretreatment program that have not been submitted to the TCEQ for approval according to <i>40 CFR §403.18</i> ?
	□ Yes □ No
	If yes, identify the modifications that have not been submitted to TCEQ, including the purpose of the modification.

C. Treatment plant pass through

		44			
	Click to enter	text.			
В.	Non-substanti	al modifications			
		n any non-substantial	modification	ns to the approved	d pretreatment
	program that l	nave not been submitte	ed to TCEQ fo	or review and acce	ptance?
	□ Yes □] No			
		all non-substantial mo ourpose of the modific		hat have not been	submitted to TCEQ,
	Click to enter t	•	ation.		
	CHER to CITEL to	CAL.			
C.	Effluent paran	neters above the MAL			
		, list all parameters me			
	monitoring du	ring the last three year	rs. Submit an	attachment if nec	essary.
		ameters Above the MAL			
Po	ollutant	Concentration	MAL	Units	Date
D.	Industrial use	r interruptions			
		IU, or other IU caused or pass throughs) at yo			
	□ Yes □			. ,	
			e each episod	e, including dates	, duration, description
		ıs, and probable pollut		. 3	,

	Click to enter text.
Se	ction 3. Significant Industrial User (SIU) Information and
	Categorical Industrial User (CIU) (Instructions Page 90)
A.	General information
	Company Name: <u>N/A</u>
	SIC Code: N/A
	Contact name: <u>N/A</u>
	Address: N/A
	City, State, and Zip Code: <u>N/A</u>
	Telephone number: <u>N/A</u>
	Email address: <u>N/A</u>
B.	Process information
	Describe the industrial processes or other activities that affect or contribute to the SIU(s) or CIU(s) discharge (i.e., process and non-process wastewater).
	N <u>/A</u>
C.	Product and service information
	Provide a description of the principal product(s) or services performed.
	N <u>/A</u>

	See the Instructions for definitions of "process" and "non-process wastewater."
	Process Wastewater:
	Discharge, in gallons/day: Click to enter text.
	Discharge Type: \square Continuous \square Batch \square Intermittent
	Non-Process Wastewater:
	Discharge, in gallons/day: Click to enter text.
	Discharge Type: □ Continuous □ Batch □ Intermittent
E.	Pretreatment standards
	Is the SIU or CIU subject to technically based local limits as defined in the <i>i</i> nstructions?
	□ Yes □ No
	Is the SIU or CIU subject to categorical pretreatment standards found in $40\ CFR\ Parts\ 405-471?$
	□ Yes □ No
	If subject to categorical pretreatment standards , indicate the applicable category and subcategory for each categorical process.
	Category: Subcategories: <u>N/A</u>
	Click or tap here to enter text. Click to enter text.
	Category: Click to enter text.
	Subcategories: <u>Click to enter text.</u>
	Category: <u>Click to enter text.</u>
	Subcategories: <u>Click to enter text.</u>
	Category: Click to enter text.
	Subcategories: <u>Click to enter text.</u>
	Category: Click to enter text.
	Subcategories: <u>Click to enter text.</u>
F.	Industrial user interruptions
	Has the SIU or CIU caused or contributed to any problems (e.g., interferences, pass through, odors, corrosion, blockages) at your POTW in the past three years?
	□ Yes □ No
	If yes , identify the SIU, describe each episode, including dates, duration, description of problems, and probable pollutants.
	N <u>/A</u>

EXHIBIT A

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

		ission (If other is cl	•		•	•	,	he nroc	aram annlic	ation)			
 New Permit, Registration or Authorization (Core Data Form should be submitted with the program application.) 													
				ad Entity	Poforo	nce Numb	er (if issued)						
CN 600243		nce Number (if iss	ueu)	Follow this for CN or R Central	N numbe	ers in		10161		Kelele	ince Numb	ei (II Issueu)	
SECTION	SECTION II: CUSTOMER INFORMATION												
4. General (4. General Customer Information 5. Effective Date for Customer Information Updates (mm/dd/yyyy) 9/18/2024												
☐ New Custo		ne (Verifiable with the		Update to 0 cretary of Sta				er of Pu		Ŭ	e in Regulat	ed Entity Owne	rship
		e submitted here SOS) or Texas Co	_	-		-		d on 1	what is c	urrent	and activ	e with the Te	exas
6. Custome	r Legal N	lame (If an individua	al, print last	name first: e	g: Doe, .	John)		<u>If nev</u>	v Custome	r, enter	previous Cus	stomer below:	
City of Lydian													
7. TX SOS/0	PA Filin	g Number	8. TX Sta	ate Tax ID(11 digits	5)		9. Fe (9 dig	ederal Tax gits)	k ID	10. DUI		· (if
11. Type of	Custome	er: Corpora	tion			[☐ Individ	dual		Partne	ership: 🔲 Ge	eneral 🗌 Limite	ed
Government:	⊠ City □	County Federal	Local	State 🗌 Ot	ther	[☐ Sole F	Propriet	torship	☐ Otl	her:		
12. Number □ 0-20 ⊠	of Emplo 21-100		251-500	☐ 501 and h	nigher			13. I		ently C		Operated?	
14. Custom	er Role (I	Proposed or Actual)	– as it relate	es to the Reg	gulated E	Entity I	isted on	this for	m. Please	check o	ne of the foll	owing	
□Owner □Occupation	al License	☐ Ope e ☐ Responsibl		□ VCP	⊠ P/BSA Ap		er & Ope nt	erator	Other:				
15.	City of Lu	uling											
Mailing	509 E. C	509 E. Crockett											
Address:	City	Luling		State	TX		ZIP	7864	8		ZIP + 4		
16. Country	Mailing	Information (if out	tside USA)			17. E	E-Mail A	Addres	ss (if appli	cable)			
18. Telepho		per		19. Extens	sion or	Code	е		20. Fax	Numbe	er (if applica	ole)	
(830) 875-2	481								()	-			
SECTION	III: RE	GULATED E	NTITY	INFOR	MATI	ION	•						
	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 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 Entity Name (Enter name of the site where the regulated action is taking place.)													
North Wastew	ater Treat	ment Plant											

Entity:	C	ity	Luling		State	TX	ZI	Р	78648		ZIP + 4			
(No PO Boxes)			Lamig		Otate				10010					
24. County	Ca	aldwell												
			If no Stree	t Addr	ess is provi	ded, fie	lds 25	-28 are	required	l				
25. Description to Physical Location														
26. Nearest City	•								State		Ne	arest	ZIP Code	
Latitude/Longitu Address may be											Geocodin	g of th	ne Physical	
27. Latitude (N) I	n Decima	al:				2	8. Long	gitude (W) In De	cimal:				
Degrees	Mi	nutes		Seco	onds	D	egrees		Mi	nutes	_	Seco	onds	
29. Primary SIC (4 digits)	Code	(4 di	Secondary igits)	SIC C	ode	31. P (5 or 6		NAICS	Code	(5 or 6 c	condary I digits)	NAICS	Code	
4952		N/A				221320)			N/A				
33. What is the P			s of this en	tity?	(Do not repea	t the SIC	or NAI	CS descr	ription.)					
Domestic Wastewat	er Treatme	ent												
	C	City of Lu	ıling											
34. Mailing Address:	5	609 E. Cro	ockett											
Address:		City	Luling		State	тх		ZIP	78648		ZIP + 4			
35. E-Mail Addre	ss:	city	manager@c	ityofluli	ing.net									
36. Telephone No	umber			37	. Extension	or Code	•	38. Fa	ax Numb	oer (if app	licable)			
(830) 875-2481								()	-	, ,,	,			
9. TCEQ Programs n this form. See the C						ne permi	ts/regist	ration nui	mbers tha	t will be aff	fected by th	e upda	tes submitted	
☐ Dam Safety		☐ Dist			wards Aquifer			Emission	s Inventor	ry Air	☐ Indi	ustrial	Hazardous	
☐ Municipal Solid \		□ New Source □ OSSF					☐ Petroleum Storage Tank							
		Review	/ Air				+-				☐ PWS			
☐ Sludge		☐ Stor	rm Water	☐ Tit	le V Air		-	Tires			Used	Dil		
☐ Voluntary Cleanup		☐ Wastewater ☐ Wastewater Agr			astewater Agric	culture	ulture					Other:		
		WQ001	10582-002											
SECTION IV:	PREP			RMA1	ΓΙΟΝ		ı			L				
40. Name: Mark	A. Rudolp	ph, P.E.				41. T	itle:	Project	Manager					
42. Telephone Number 43. Ext./Code 44. Fax Number					45. E-Mail Address									
(979) 836-7937		()	-	mark	c.rudolph	n@stranc	l.com						
SECTION V:	AUTH	ORIZ	ED SIGI	NATI	JRE_	•								
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 uthority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field														
9.	form on b	pehalf of t		ecified in	Section II, Fig			equired f	or the upo	dates to th	ie ID numb	ers ide	ntified in field	
,	form on b			ecified in	Section II, Fig		d/or as r	equired f	or the upo	dates to th	e ID numb	ers ide	ntified in field	

Signature:

23. Street Address of the Regulated

1001 Willow Street

Date:

EXHIBIT B

USGS Map

Produced by the United States Geological Survey

generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before

3°37′ 64 MILS

0°43′ 13 MILS

UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

Grid Zone Designation 14R

...NAIP, September 2016 - November 2016

North American Datum of 1983 (NAD83) World Geodetic System of 1984 (WGS84). Projection and 1 000-meter grid:Universal Transverse Mercator, Zone 14R

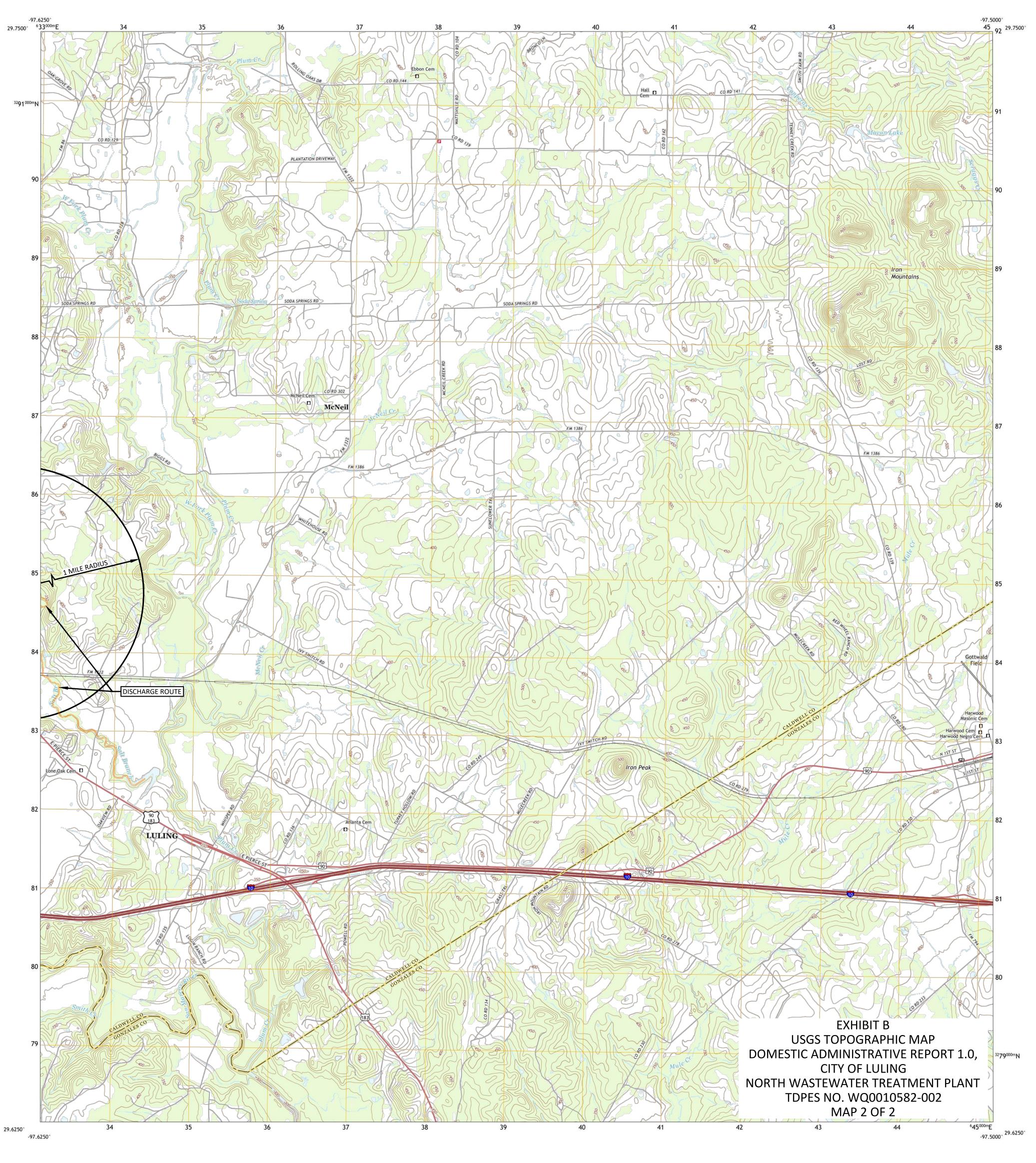
This map is not a legal document. Boundaries may be

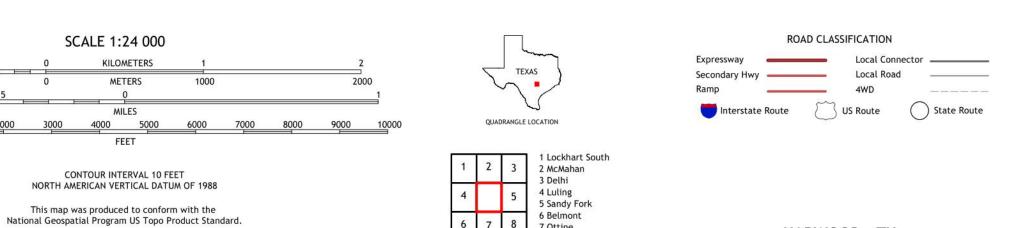
entering private lands.

Imagery... Roads.....

Names.... Hydrography.....

Boundaries....





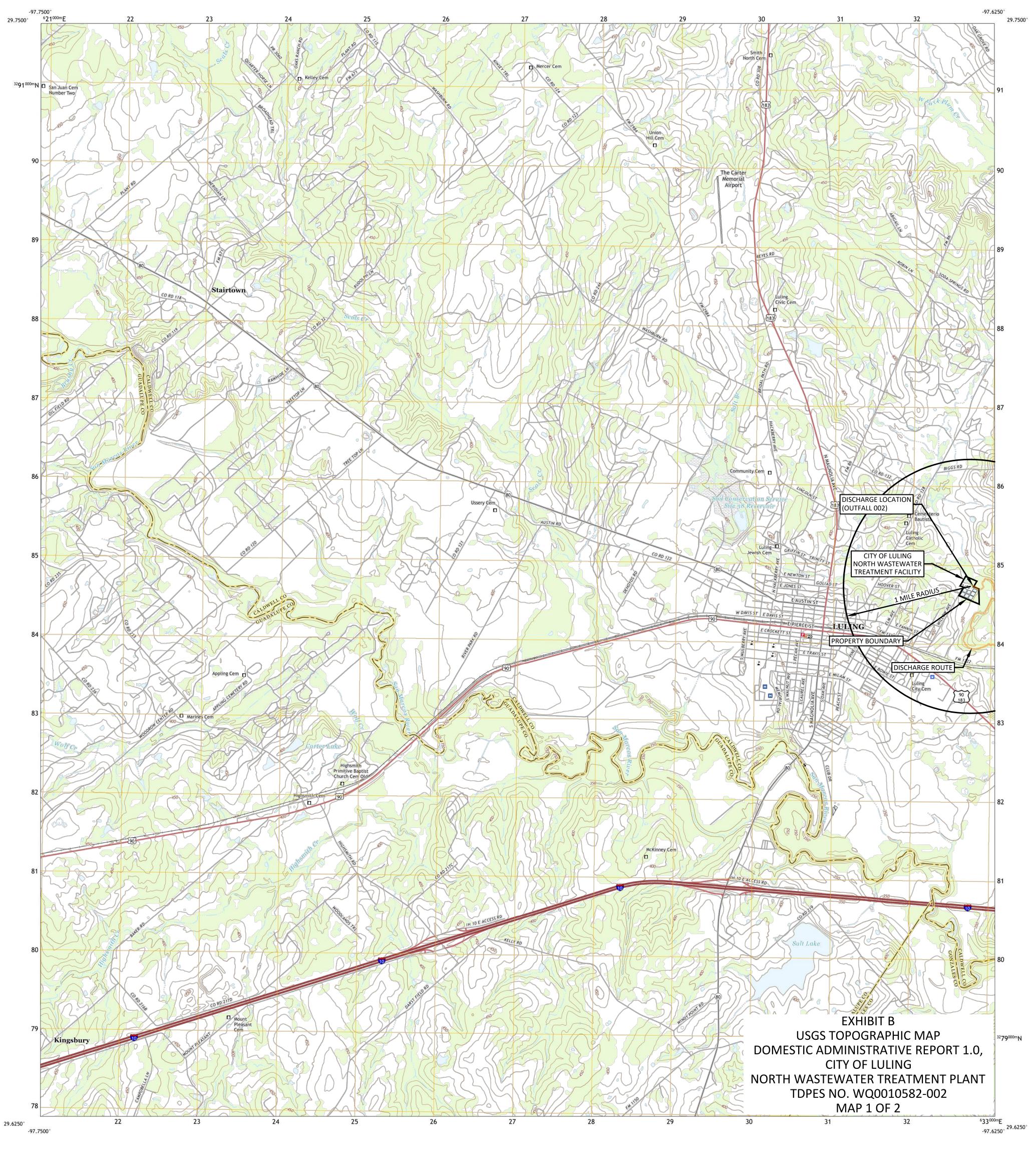
6 Belmont 7 Ottine

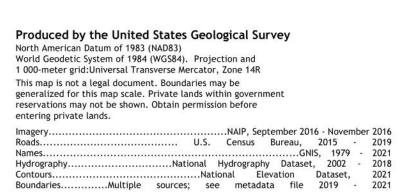
ADJOINING QUADRANGLES

8 Gonzales North

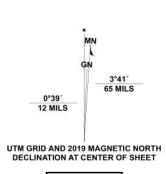
HARWOOD, TX

2022

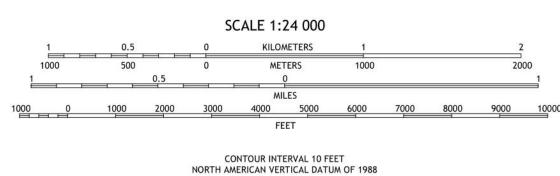




Boundaries....



Grid Zone Designation 14R



This map was produced to conform with the

National Geospatial Program US Topo Product Standard.



ADJOINING QUADRANGLES

3 McMahan

4 Kingsbury 5 Harwood

6 Darst Creek

7 Belmont

8 Ottine

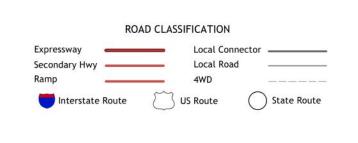




EXHIBIT C

Plain Language Summary



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

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.

The City of Luling (CN600243240) operates the City of Luling North Wastewater Treatment Plant (RN101610798), a municipal domestic wastewater treatment facility. The facility is located at 1001 Willow Street, in Luling, Caldwell County, Texas 78648. This application is for renewal of an existing TPDES discharge permit.

Discharges from the facility are expected to contain biochemical oxygen demand, suspended solids, and ammonia nitrogen. Municipal domestic wastewater is treated by an activated sludge treatment process consisting of grit removal, primary aeration, secondary aeration, clarification, a trickling filter, and a chlorine contact basin. Wasted sludge is sent to a digester for further processing and finally a sludge drying bed for dewatering prior to being trucked by a third-party entity to a landfill for disposal.

EXHIBIT D

SPIF Form and Map

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

FOR AGENCIES REVIEWING DOMESTIC OR INDUSTRIAL TPDES WASTEWATER PERMIT APPLICATIONS

TCEQ USE ONLY:	
•	mendmentNew
County:	
Admin Complete Date:	
Agency Receiving SPIF:	
Texas Historical Commission	U.S. Fish and Wildlife
Texas Parks and Wildlife Department	U.S. Army Corps of Engineers
This form applies to TPDES permit application	ons only. (Instructions, Page 53)
our agreement with EPA. If any of the items ar	CEQ will mail a copy to each agency as required by re not completely addressed or further information information before issuing the permit. Address
Do not refer to your response to any item in attachment for this form separately from the application will not be declared administrative completed in its entirety including all attachm may be directed to the Water Quality Division' email at	

Provide the name, address, phone and fax number of an individual that can be contacted to answer specific questions about the property.
Prefix (Mr., Ms., Miss): Mr.
First and Last Name: <u>Bill Schulle</u>
Credential (P.E, P.G., Ph.D., etc.):
Title: Wastewater Superintendent
Mailing Address: <u>509 E. Crockett</u>
City, State, Zip Code: <u>Luling, TX 78648</u>
Phone No.: <u>830-875-2481</u> Ext.: Fax No.:
E-mail Address: wastewatersuper@cityofluling.net
List the county in which the facility is located: <u>Caldwell</u>
If the property is publicly owned and the owner is different than the permittee/applicant, please list the owner of the property. Same as applicant (City of Luling).
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 Salt Branch; thence to Plum Creek in Segment No. 1810 of the Guadalupe River Basin.
To Sait Branch, thence to Frum Creek in Segment No. 1810 of the Guadatape River Basin.
Please provide a separate 7.5-minute USGS quadrangle map with the project boundaries plotted and a general location map showing the project area. Please highlight the discharge route from the point of discharge for a distance of one mile downstream. (This map is required in addition to the map in the administrative report).
Provide original photographs of any structures 50 years or older on the property.
Does your project involve any of the following? Check all that apply.
☐ Proposed access roads, utility lines, construction easements
☐ Visual effects that could damage or detract from a historic property's integrity
☐ Vibration effects during construction or as a result of project design
Additional phases of development that are planned for the future

2.

3.

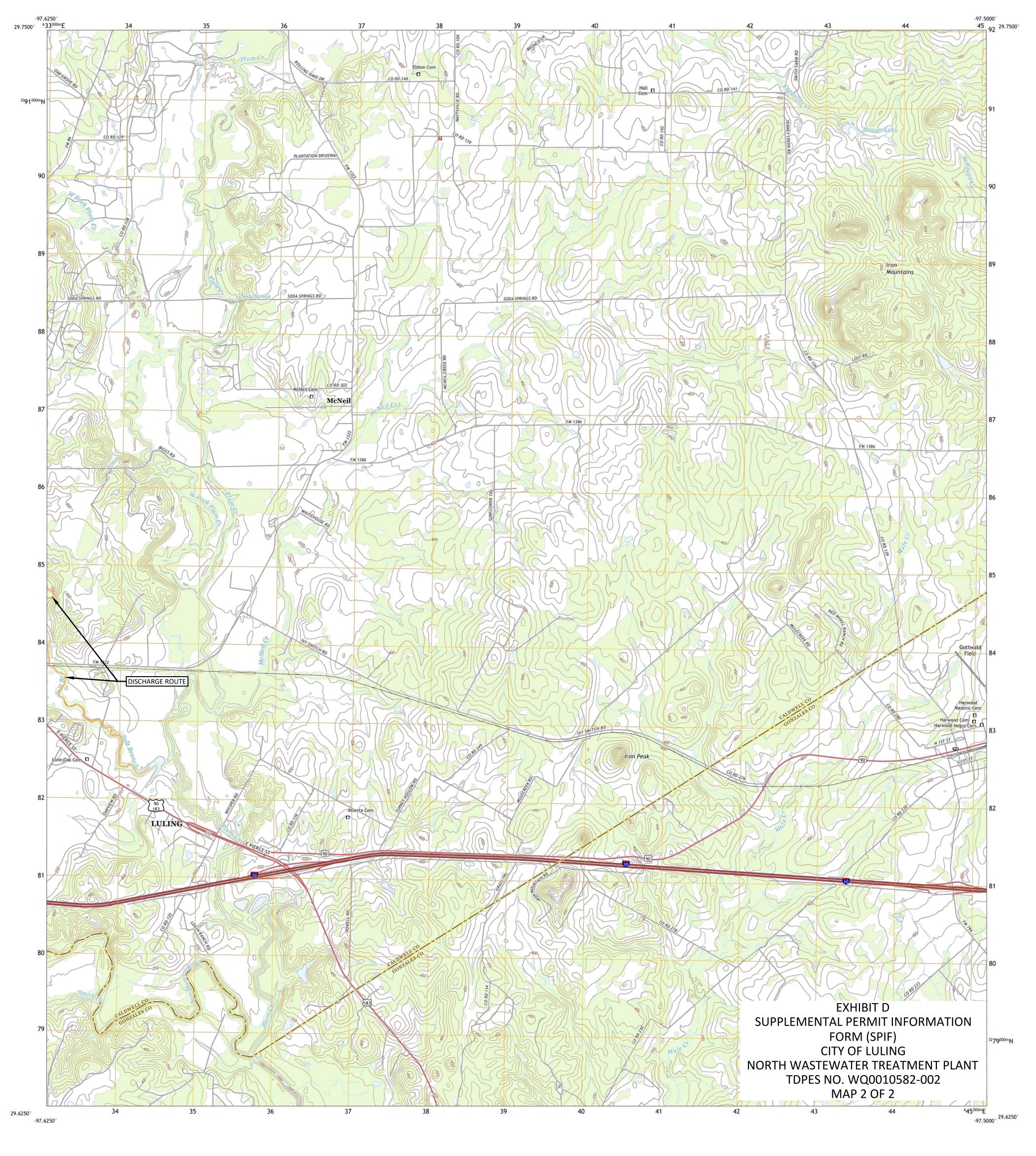
4.

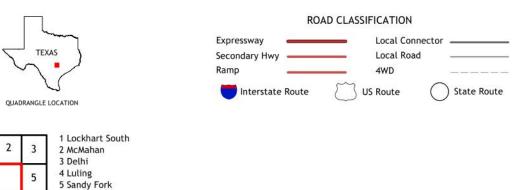
5.

Disturbance of vegetation or wetlands 1. List proposed construction impact (surface acres to be impacted, depth of excavation, sealing of caves, or other karst features): N/A 2. Describe existing disturbances, vegetation, and land use: Site is an existing WWTP facility. THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS 3. List construction dates of all buildings and structures on the property: N/A 4. Provide a brief history of the property, and name of the architect/builder, if known. N/A			Sealing caves, fractures, sinkholes, other karst features
of caves, or other karst features): N/A 2. Describe existing disturbances, vegetation, and land use: Site is an existing WWTP facility. THE FOLLOWING ITEMS APPLY ONLY TO APPLICATIONS FOR NEW TPDES PERMITS AND MAJOR AMENDMENTS TO TPDES PERMITS 3. List construction dates of all buildings and structures on the property: N/A 4. Provide a brief history of the property, and name of the architect/builder, if known.			Disturbance of vegetation or wetlands
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AMENDMENTS 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.		Site is	s an existing WWTP facility.
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N/A 4. Provide a brief history of the property, and name of the architect/builder, if known.			
4. Provide a brief history of the property, and name of the architect/builder, if known.	3.	List co	nstruction dates of all buildings and structures on the property:
		N/A	
N/A	4.		e a brief history of the property, and name of the architect/builder, if known.
		N/A	

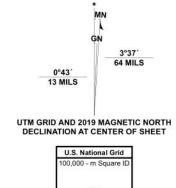




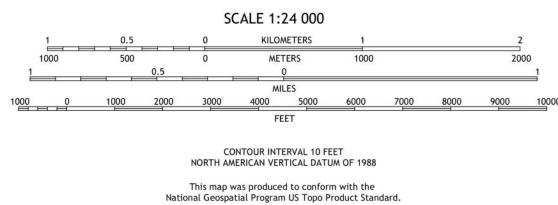


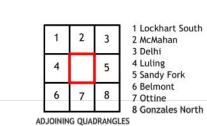


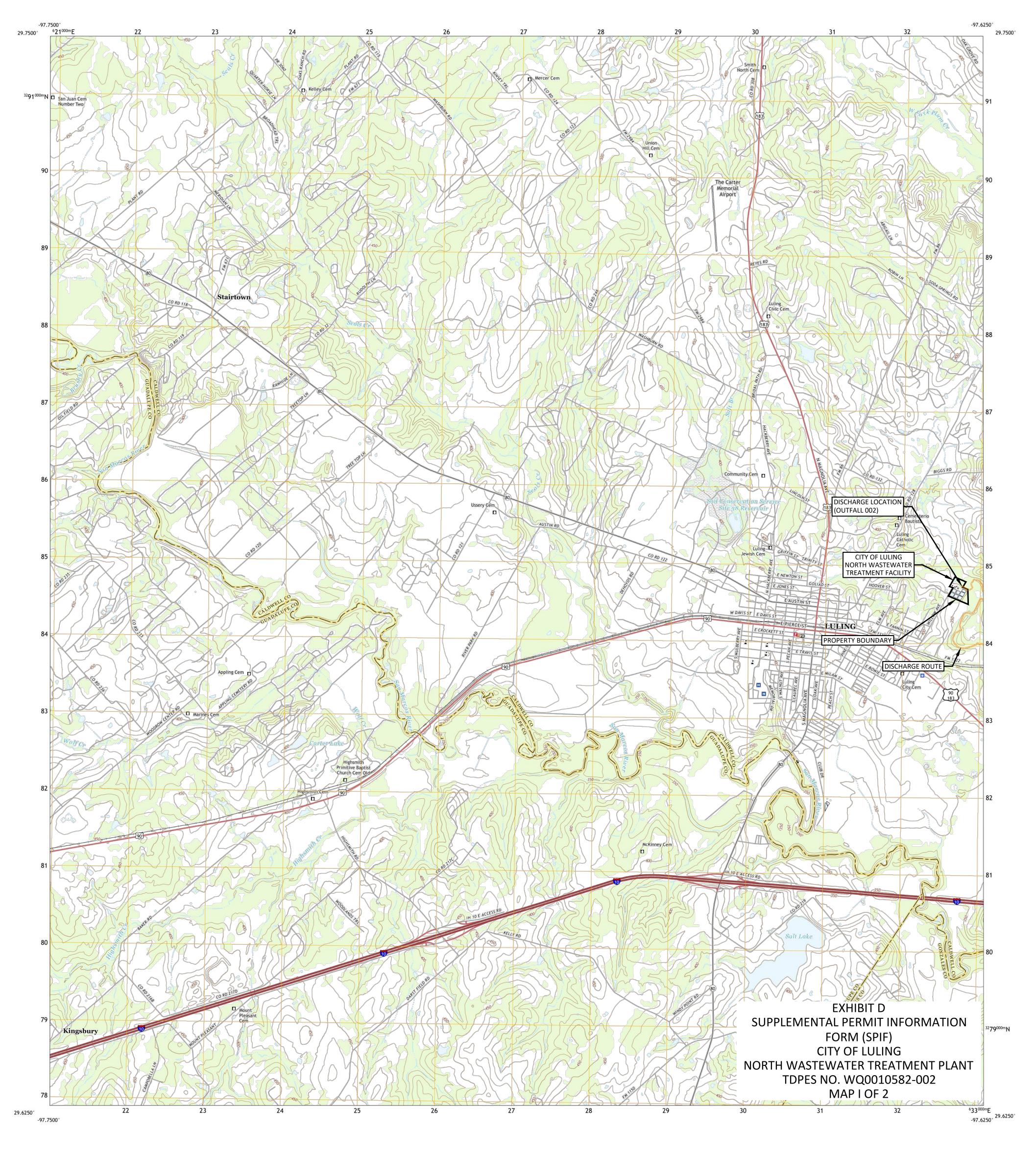
Produced by the United States Geological Survey



Grid Zone Designation 14R







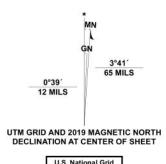


Produced by the United States Geological Survey

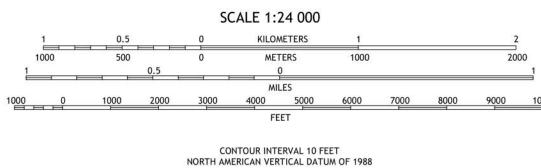
North American Datum of 1983 (NAD83) World Geodetic System of 1984 (WGS84). Projection and

This map is not a legal document. Boundaries may be

1 000-meter grid:Universal Transverse Mercator, Zone 14R

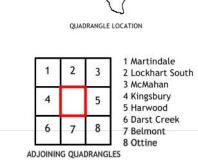


Grid Zone Designati 14R



This map was produced to conform with the

National Geospatial Program US Topo Product Standard.





Interstate Route

ROAD CLASSIFICATION

Local Connector —

State Route

Local Road

4WD

EXHIBIT E

Description of Treatment Process

EXHIBIT E

DESCRIPTION OF THE TREATMENT PROCESS

The City of Luling North Wastewater Treatment Plant is a conventional activated sludge municipal wastewater treatment facility utilizing a bullseye-style package plant for secondary treatment. The treatment plant is also equipped with final clarification and return sludge capabilities.

Raw sewage from the collection system enters the plant and flows through a manual bar screen before entering a grit chamber and pre-aeration basin. The screenings from the bar screen and grit chamber are collected and disposed of in a safe and legal manner. After the coarse debris is removed, the wastewater flows to the bullseye package plant for secondary aeration and contact stabilization. The sewage is aerated by coarse bubble diffusers via a set of dedicated blowers for the basin.

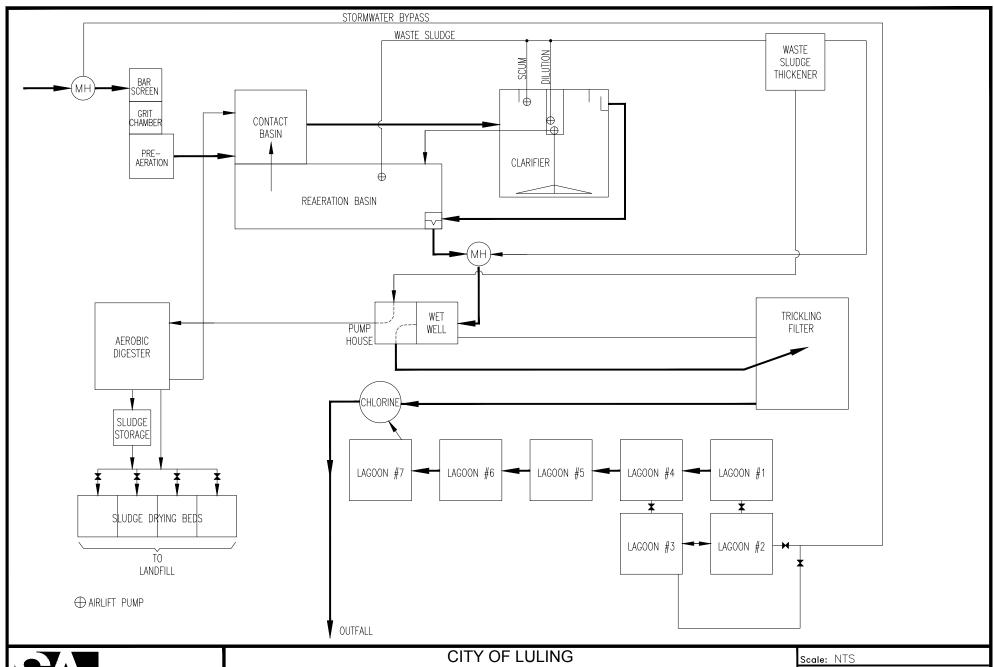
After secondary aeration, the mixed liquor flows to the final clarifier where the sludge settles to the bottom of the basin. The settled effluents flows over weirs at the top of the basins and is discharged to a trickling filter and then to the chlorine contact chamber for disinfection. As the effluent flows to the chlorine contact chamber, a chlorine solution is injected into the effluent. The effluent is retained in the chamber for a minimum of 20 minutes. Following disinfection, the effluent flow is measured and then discharged through a pipe into Salt Branch.

The settled sludge is collected from the bottom of the clarifiers and either returned to the secondary aeration basin for mixing or wasted to a digester before being sent to sludge drying beds. Once the sludge reaches a semi-solid state, it is transported via permitted hauler for disposal at a registered landfill.

The wastewater treatment plant also contains a system of 7 lagoons which are used during rain events and other peak flow scenarios to reduce the maximum peak flow discharge of the facility. In the event that flow is diverted to the lagoon system, it flows through a minimum of 6 lagoon units in series before being sent to the chlorine contact chamber for disinfection prior to being discharged.

EXHIBIT G

Process Flow Diagram





Strand Associates, Inc. TBPE No. F-8405 1906 Niebuhr Street Brenham, Texas 77833 (979) 836-7937 NORTH WASTEWATER TREATMENT PLANT TPDES NO. WQ0010582-002 EXHIBIT G - PROCESS FLOW DIAGRAM TECHNICAL REPORT, ITEM 3.C
 Scale: NTS

 Project Number: 5159.004

 Drawn By: CDS
 Date: 09-11-24

 Revised:
 10f.... 1

EXHIBIT H

Site Drawing

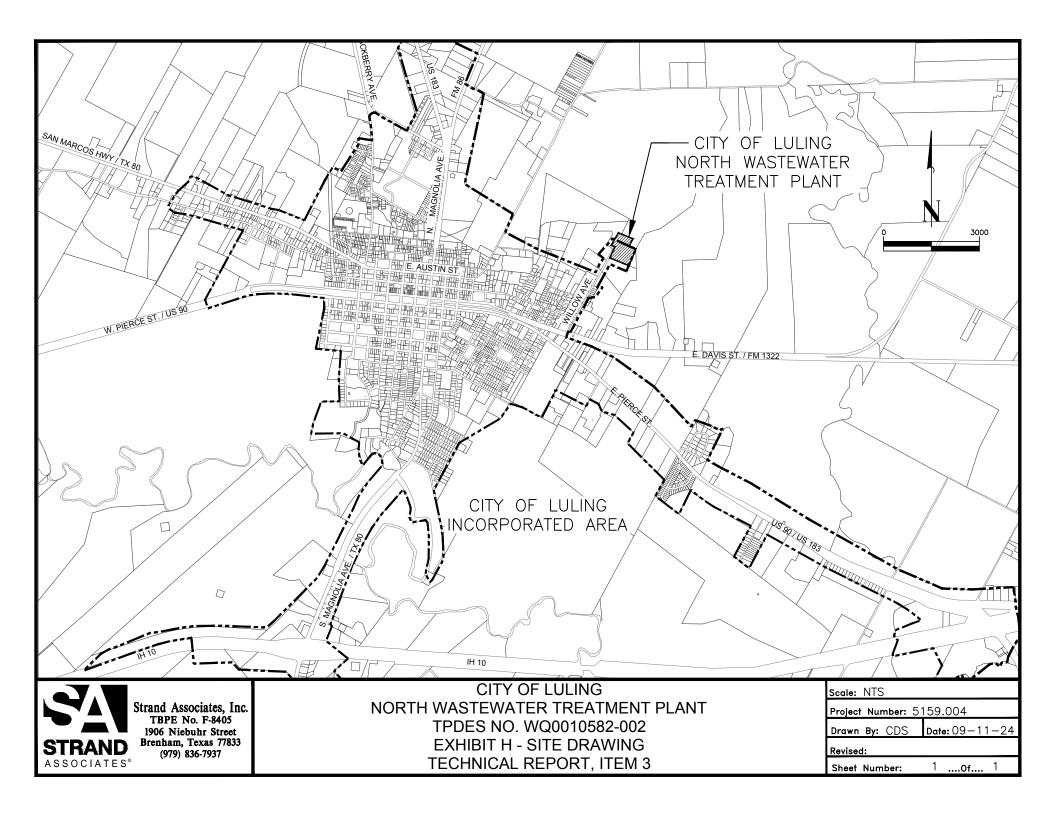


EXHIBIT I

Lab Test Results

EXHIBIT J

Service Area

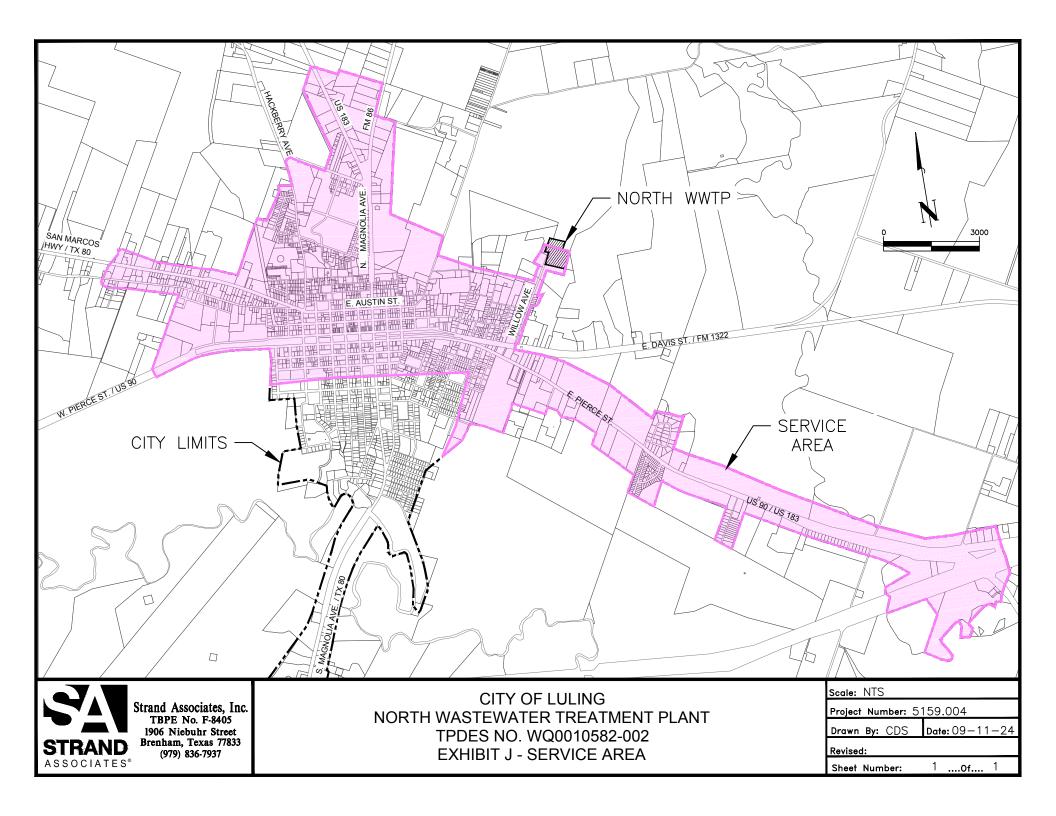


EXHIBIT K

Copy of Application Payment

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

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

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

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

BY OVERNIGHT/EXPRESS MAIL

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

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

Austin, Texas 78711-3088 Austin, Texas 78753

Fee Code: WQP Waste Permit No: WQ0010582-002

2. Check or Money Order Amount: \$1,615.00

3. Date of Check or Money Order: 09/19/2024

4. Name on Check or Money Order: City of Luling

5. APPLICATION INFORMATION

Name of Project or Site: Luling North Wastewater Treatment Plant

Physical Address of Project or Site: 1001 Willow Street, Luling, TX 78648

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

Staple Check or Money Order in This Space



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

Renewal (Core Data Form should be submitted with the renewal form)							ther						
2. Customer Reference Number (if issued) Follow this lin													
CN 600243240				for CN or RN Central Re		RN 101610798							
CTION II:	CUSTO	MER INFORM	MATION										
4. General Customer Information 5. Effective Date for Customer Informa							rmation Updates (mm/dd/yyyy) 9/18/2024						
New Custor		⊠ (Verifiable with the To	Update to Custo exas Secretary o			_	nge in Regulated Er ic Accounts)	ntity Owne	ership				
		bmitted here may ller of Public Acco		automatical	ly based on	what is o	urrent and activ	e with th	e Texas Sec	retary of State			
6. Customer I	egal Name	e (If an individual, pr	rint last name fi	rst: eg: Doe, J	lohn)		If new Customer,	enter pre	evious Custom	er below:			
City of Luling													
7. TX SOS/CPA Filing Number 8. TX State Tax ID (11 digits)					ligits)	9. Federal Tax ID (9 digits)			10. DUNS Number (if applicable)				
11. Type of C	ustomer:	Corpor	ation			☐ Indivi	dual	Partne	rship: 🗌 Gen	neral 🗌 Limited			
		ounty Federal		e 🗌 Other		☐ Sole F	roprietorship	Oth	ner:				
12. Number					-		13. Independe	ntly Ow	ned and Ope	erated?			
□ 0-20 ⊠ :] 101-250	1-500 🗌 501	L and higher			Yes	⊠ No					
14. Custome	r Role (Prop	oosed or Actual) – as	s it relates to the	e Regulated E	intity listed o	n this form	. Please check one o	of the follo	owing				
Owner Occupation	al Licensee	Operator Responsible P		wner & Opera VCP/BSA Ap			Other	:					
	City of Lul	ing											
15 Mailine	509 E. Cro	ckett								1.15%			
		Luling State TX			TX	ZIP	ZIP 78648 ZIP + 4						
	City	Luling		June									
15. Mailing Address: 16. Country I		Luling ormation (if outsid	de USA)	Julia		. E-Mail A	ddress (if applicat	ble)					

										ſ
(830) 875-2481						() -			
ECTION III: REGUL	ATED EN	TITY INFOR	MATION							
21. General Regulated Er	ntity Informa	tion (If 'New Reg	gulated Entity" is selec	ted, a new pe	ermit applica	ition is a	ilso req	uired.)		
■ New Regulated Entity	Update to	Regulated Entity	Name 🛛 Update t	o Regulated 8	Entity Inforn	nation				
The Regulated Entity Natas Inc, LP, or LLC).	me submitte	d may be upda	ted, in order to me	et TCEQ Con	e Data Sta	ndards	(remo	val of org	ganizatio	nal endings such
22. Regulated Entity Nan	ne (Enter nam	e of the site wher	re the regulated action	is taking pla	ce.)					
North Wastewater Treatmen	nt Plant									
23. Street Address of				-						
the Regulated Entity:	1001 Willow Street									
(No PO Boxes)	City	Luling	State	тх	ZIP	7864	8		ZIP + 4	
24. County	Caldwell									
	<u> </u>	If no Stree	et Address is provid	ded, fields 2	5-28 are re	quired			-	
25. Description to										
Physical Location:										
26. Nearest City			State				Nearest ZIP Code			
						1 . 10		tton of the	- Obvesion	I Addraes may be
Latitude/Longitude are used to supply coordina	required and tes where no	l may be added one have been p	/updated to meet provided or to gain	accuracy).	ata Stana	aras. (G	26000	nng oj tri	e rnysica	Mudless may be
27. Latitude (N) in Decimal: 29.685583			28. Long			itude (W) In Decimal:			-97.6284	772
Degrees	Minutes		Seconds	Degre	Degrees		Minutes		<u>. </u>	Seconds
29	41 08		08.1		97		37			42.5
29. Primary SIC Code	. Primary SIC Code 30. Secondary SIC Code				31. Primary NAICS Code 32. Secondary NAICS Code					ICS Code
(4 digits) (4 digits)				(5 or 6 digits)			(5 or 6 digits)			
4952	952 N/A			221320			N/A			
33. What is the Primary	Business of	this entity? (D	o not repeat the SIC o	or NAICS desci	ription.)					
Domestic Wastewater Trea	tment			-						
34. Mailing	City of Lu	ling								
Art MIGHINE	1									

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

State

37. Extension or Code

ΤX

ZIP

78648

) -

38. Fax Number (if applicable)

ZIP + 4

509 E. Crockett

Luling

citymanager@cityofluling.net

City

Address:

35. E-Mail Address:

(830)875-2481

36. Telephone Number

☐ Dam Safety		Districts	Districts		Emissions Inve			☐ Industrial Hazardous Waste
Municipal Solid Waste		New Source Review Air	OSSF		☐ Petr	oleum Sto	orage Tank	☐ PWS
								
☐ Sludge		Storm Water	☐ Title V Air	Tires				Used Oil
	_							
☐ Voluntary Cleanup		⊠ Wastewater	☐ Wastewater Agricu	lture	re Water Rights			Other:
	-	WQ0010582-002						
ECTION IV	: PREPARE	R INFORMATIO	<u>ON</u>					
40. Name:	Mark A. Rudol		41. Title: Project Ma			ager		
42. Telephone	Number	43. Ext./Code	44. Fax Number	45. E-Ma	ail Addı	ress		
(979) 836-7937			() -	mark.rud	olph@s	trand.com	1	
SECTION V	AUTHOR	IZED SIGNATUI	<u> </u>					
6. By my signatu o submit this form	re below, I certi n on behalf of th	fy, to the best of my kno ne entity specified in Sec	wledge, that the informat tion II, Field 6 and/or as re	ion provided equired for th	in this fo e updat	orm is tru es to the l	e and complete D numbers ide	e, and that I have signature authority ntified in field 39.
Company: City of Luling				Job Title:	1	Mayor		
Name (In Print)	: CJ Watts	CJ Watts					Phone:	(830) 875- 2481
Signature:							Date: /0/2/2024	
	1-0	/ - V						

Francesca Findlay

From: Rudolph, Mark <Mark.Rudolph@strand.com>

Sent: Thursday, October 3, 2024 9:23 AM

To: Francesca Findlay

Cc:wastewatersuper@cityofluling.netSubject:RE: WQ0010582002 City of Luling

Attachments: wq0010582002-nod1.pdf; TCEQ CORE DATA FORM.pdf

Francesca,

Please see below for responses to each item identified in the provided NOD letter:

- Items 1-3: Please see attached for a revised core data form with the requested information and signature.
- Item 4: We have reviewed the draft NORI language and have no comments.

Let me know if you have any additional questions.

Regards,



Mark Rudolph, P.E.

Strand Associates, Inc.® (F-8405) 979.836.7937 ext. 6234 Mark.Rudolph@strand.com | www.strand.com P.E. (TX)

Excellence in EngineeringSM

From: Francesca Findlay < Francesca. Findlay@tceq.texas.gov>

Sent: Friday, September 27, 2024 2:06 PM

To: Rudolph, Mark < Mark.Rudolph@strand.com>

Cc: wastewatersuper@cityofluling.net

Subject: FW: WQ0010582002 City of Luling [Filed 27 Sep 2024 14:29]

[EXTERNAL EMAIL]: Verify sender before opening links or attachments.

Dear Mr. Rudolph:

The attached Notice of Deficiency letter sent on September 27, 2024, requesting additional information needed to declare the application administratively complete. Please send the complete response to my attention October 11, 2024.

Thank you,

Dran Dindlag

Francesca Findlay License & Permit Specialist ARP Team | Water Quality Division 512-239-2441

Texas Commission on Environmental Quality



Please consider whether it is necessary to print this e-mail

The content of this e-mail (including any attachments) is strictly confidential and may be commercially sensitive. If you are not, or believe you may not be, the intended recipient, please advise the sender immediately by return e-mail, delete this e-mail and destroy any copies.