



DOMESTIC TECHNICAL REPORT 1.0

The Following Is Required For All Applications

Renewal, New, And Amendment

Section 1. Permitted or Proposed Flows (Instructions Page 51)

A. Existing/Interim I Phase

Design Flow (MGD): [REDACTED]
2-Hr Peak Flow (MGD): [REDACTED]
Estimated construction start date: [REDACTED]
Estimated waste disposal start date: [REDACTED]

B. Interim II Phase

Design Flow (MGD): [REDACTED]
2-Hr Peak Flow (MGD): [REDACTED]
Estimated construction start date: [REDACTED]
Estimated waste disposal start date: [REDACTED]

C. Final Phase

Design Flow (MGD): .02
2-Hr Peak Flow (MGD): .59
Estimated construction start date: [REDACTED]
Estimated waste disposal start date: [REDACTED]

D. Current operating phase: Final

Provide the startup date of the facility: Unknown

Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description

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 in the permit, a description of each phase must be provided.**

Process description:

This facility is an activated sludge facility operated in the complete mix mode. From the lift station the sewage will flow through a coarse bar screen to the aeration basins. The mixed liquor will then flow to the clarifier where solids will settle to the bottom of the basin and the clear water will flow over the weirs. The effluent will then flow into the chlorine contact chamber, then to Lake O'Pines. The settled solids in the clarifier will be either pumped to the digester or to the aeration basin.

Port or pipe diameter at the discharge point, in inches: 8

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)
Aeration	4	6' x 12' x 11'
Clarifier	1	10' x 12' x 13.5'
Digester	1	6' x 12' x 8'
Chlorine Contact	6	17" x 32" x 62"

C. Process flow diagrams

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

Attachment: C

Section 3. Site Drawing (Instructions Page 52)

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

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

Attachment: B

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

Crestwood Subdivision

Section 4. Unbuilt Phases (Instructions Page 52)

Is the application for a renewal of a permit that contains an unbuilt phase or phases?

Yes

No

If yes, does the existing permit contain a phase that has not been constructed within five years of being authorized by the TCEQ?

Yes

No

If yes, provide a detailed discussion regarding the continued need for the unbuilt phase. Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases.

[Redacted]

Section 5. Closure Plans (Instructions Page 53)

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.

[Redacted]

Section 6. Permit Specific Requirements (Instructions Page 53)

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

Provide information, including dates, on any actions taken to meet a requirement or provision pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable.

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.

C. Other actions required by the current permit

Does the *Other Requirements* or *Special Provisions* section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.

Yes No

If **yes**, provide information below on the status of any actions taken to meet the conditions of an *Other Requirement* or *Special Provision*.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

Yes No

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

2. Grit and grease processing

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

3. Grit disposal

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

Yes

No

If No, contact the TCEQ Municipal Solid Waste team at 512-239-0000. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

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 512-239-0000.

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

E. Stormwater management

1. Applicability

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

Yes No

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

Yes No

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

2. MSGP coverage

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

Yes No

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

TXR05 [redacted] or TXRNE [redacted]

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 TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?

Yes No

If yes, please explain below then proceed to Subsection F, Other Wastes Received:

4. Existing coverage in individual permit

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?

Yes No

If yes, provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.

5. Zero stormwater discharge

Do you intend to have no discharge of stormwater via use of evaporation or other means?

Yes No

If yes, explain below then skip to Subsection F. Other Wastes Received.

Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.

6. Request for coverage in individual permit

Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

Yes No

If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution

prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?

Yes No

If yes, a Sewage Sludge Solids Management Plan is required. See Example 5 in the instructions.

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

1. Acceptance of sludge from other WWTPs

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

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

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

Yes No

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

Yes No

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

Yes No

If yes to any of the above, provide a the date that the plant started accepting septic waste, or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD₅ concentration of the septic waste, and the design BOD₅ concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

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

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

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

Yes No

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

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 58)

Is the facility in operation?

Yes No

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

If yes, provide effluent analysis data for the listed pollutants. **Wastewater treatment facilities** complete Table 1.0(2). **Water treatment facilities** discharging filter backwash water, complete Table 1.0(3).

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

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/ Time
CBOD ₅ , mg/l	<2		1	Grab	6/19/20;0830
Total Suspended Solids, mg/l	<2.0		1	Grab	6/19/20;0830
Ammonia Nitrogen, mg/l	0.061		1	Grab	6/19/20;0830
Nitrate Nitrogen, mg/l	0.779		1	Grab	6/19/20;0830
Total Kjeldahl Nitrogen, mg/l	<0.050		1	Grab	6/19/20;0830
Sulfate, mg/l	6.48		1	Grab	6/19/20;0830
Chloride, mg/l	96.2		1	Grab	6/19/20;0830
Total Phosphorus, mg/l	0.400		1	Grab	6/19/20;0830
pH, standard units	7.7		1	Grab	6/19/20;0830
Dissolved Oxygen*, mg/l	4.4		1	Grab	6/19/20;0830
Chlorine Residual, mg/l	3.01		1	Grab	6/19/20;0830
<i>E.coli</i> (CFU/100ml) freshwater	5.2		1	Grab	6/19/20;0830
Enterococci (CFU/100ml) saltwater	N/A				
Total Dissolved Solids, mg/l	550		1	Grab	6/19/20;0830
Electrical Conductivity, μ mohs/cm, †	990		1	Grab	6/19/20;0830
Oil & Grease, mg/l	<4.53		1	Grab	6/19/20;0830
Alkalinity (CaCO ₃)*, mg/l	377		1	Grab	6/19/20;0830

*TPDES permits only

†TLAP permits only

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

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/ Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					

CWC4-A

Aqua Texas
 Gary Douglas
 20341 Holleyhills Dr.
 LaRue, TX 75770

Project
925462

Printed: 07/08/2020

Results

Sample Results

1898025 Effluent Sampling

Received: 06/19/2020

Non-Potable Water Collected by: **ABW** Ana-Lab PO:
 Taken: 06/19/2020 08:30:00

Prepared: 06/22/2020 12:03:58 Calculated: 06/22/2020 12:03:58 CAL

Parameter	Results	Units	RL	Flags	CAS	Bottle
Sampling/Transportation	Verified					

EPA 1664B Prepared: 904058 06/29/2020 08:15:00 Analyzed: 904058 06/29/2020 08:15:00 DSI

Parameter	Results	Units	RL	Flags	CAS	Bottle
Oil and Grease (HEM) by SPE	<4.53	mg/L	4.53			03

EPA 200.8.5.4 Prepared: 903260 06/23/2020 10:45:00 Analyzed: 903345 06/23/2020 14:17:00 CLK

Parameter	Results	Units	RL	Flags	CAS	Bottle
Aluminum, Total	0.0228	mg/L	0.0025	B	7429-90-5	10

EPA 300.0.2.1 Prepared: 903039 06/19/2020 17:21:00 Analyzed: 903039 06/19/2020 17:21:00 KLB

Parameter	Results	Units	RL	Flags	CAS	Bottle
Chloride	96.2	mg/L	1.50			01
Fluoride	0.560	mg/L	0.500			01
Nitrate-Nitrogen Total	0.779	mg/L	0.113		14797-55-8	01
Sulfate	6.48	mg/L	1.50			01

EPA 350.1.2 Prepared: 903412 06/24/2020 09:00:00 Analyzed: 903520 06/24/2020 09:30:00 AMB

Parameter	Results	Units	RL	Flags	CAS	Bottle
Ammonia Nitrogen	0.061	mg/L	0.020			11

EPA 351.2.2 Prepared: 903005 06/22/2020 08:30:00 Analyzed: 903148 06/22/2020 15:33:00 RSV

Parameter	Results	Units	RL	Flags	CAS	Bottle
Total Kjeldahl Nitrogen	<0.050	mg/L	0.050		7727-37-9	09



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NELAP-accredited #T104704201-20-17

CWC4-A

Aqua Texas
 Gary Douglas
 20341 Holleyhills Dr.
 LaRue, TX 75770

Project
925462

Printed: 07/08/2020

1898025 Effluent Sampling

Received: 06/19/2020

Non-Potable Water

Collected by: **ABW**

Ana-Lab

PO:

Taken: 06/19/2020

08:30:00

SM	Parameter	Results	Units	RL	Flags	CAS	Bottle		
SM 2320 B-2011									
	Prepared:	903082	06/22/2020	08:49:00	Analyzed	903082	06/22/2020	08:49:00	ELS
NELAC	Total Alkalinity (as CaCO3)	377	mg/L	1.00			01		
SM 2510 B-2011									
	Prepared:	903149	06/22/2020	11:20:00	Analyzed	903149	06/22/2020	11:20:00	MM2
NELAC	Lab Spec. Conductance at 25 C	990	umhos/cm				02		
SM 2540 C-2011									
	Prepared:	903548	06/23/2020	09:40:00	Analyzed	903548	06/23/2020	09:40:00	TH2
NELAC	Total Dissolved Solids	550	mg/L	50.0			01		
SM 2540 D-2011									
	Prepared:	903814	06/24/2020	14:00:00	Analyzed	903814	06/24/2020	14:00:00	ZCS
NELAC	Total Suspended Solids	<2.00	mg/L	2.00			01		
SM 4500-C1 G-2011									
	Prepared:	902921	06/19/2020	08:40:00	Analyzed	902921	06/19/2020	08:40:00	ABW
NELAC	Cl2 Residual,Free(OnSite)Spec	3.01	mg/L	0.05					
SM 4500-H+ B-2011									
	Prepared:	902923	06/19/2020	08:40:00	Analyzed	902923	06/19/2020	08:40:00	ABW
NELAC	pH (Onsite)	7.7	SU						
SM 4500-O G-2011									
	Prepared:	902922	06/19/2020	08:40:00	Analyzed	902922	06/19/2020	08:40:00	ABW
NELAC	Dissolved Oxygen Onsite	4.4	mg/L	1.0					



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NELAP-accredited #T104704201-20-17

CWC4-A

Aqua Texas
 Gary Douglas
 20341 Holleyhills Dr.
 LaRue, TX 75770

Project
925462

Printed: 07/08/2020

1898025 Effluent Sampling

Received: 06/19/2020

Non-Potable Water
 Collected by: **ABW** Ana-Lab
 Taken: 06/19/2020 08:30:00

SM	Parameter	Results	Units	RL	Flags	CAS	Bottle
SM 4500-P E-2011	Phosphorus (as P), total	0.400	mg/L	0.010		7723-14-0	05
SM 5210 B-2011	BOD Carbonaceous	<2.00	mg/L	2.00			01
SM 9223 B-2004	MPN, Total Coliform, Colilert-18	118.7	MPN/10 0mL	1.00			06
SM 9223 B-2004	MPN, E.coli, Col.-18 - Non-Pot	5.2	MPN/10 0mL	1.00			06

Sample Preparation

1898025 Effluent Sampling

Received: 06/19/2020

06/19/2020

SM	Parameter	Results	Units	RL	Flags	CAS	Bottle
SM 2	Bottle pH	<2	SU				04
EPA 200.2.2.8	Liquid Metals Digestion	50/50	ml				04



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Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity (CaCO ₃), mg/l					

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: Lonnie Sanders

Facility Operator's License Classification and Level: WW; "B"

Facility Operator's License Number: WW0040027

Section 9. Sewage Sludge Management and Disposal (Instructions Page 60)

A. Sludge disposal method

Identify the current or anticipated sludge disposal method or methods from the following list. Check all that apply.

- Permitted landfill
- Permitted or Registered land application site for beneficial use
- Land application for beneficial use authorized in the wastewater permit
- Permitted sludge processing facility
- Marketing and distribution as authorized in the wastewater permit
- Composting as authorized in the wastewater permit
- Permitted surface disposal site (sludge monofill)
- Surface disposal site (sludge monofill) authorized in the wastewater permit
- Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.
- Other:

B. Sludge disposal site

Disposal site name: Denali Water Solutions Land Application Sites

TCEQ permit or registration number: 04803, 04830, 04513

County where disposal site is located: Kaufman and Gregg Counties

C. Sludge transportation method

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

Name of the hauler: Denali Water Solutions

Hauler registration number: 23777

Sludge is transported as a:

Liquid semi-liquid semi-solid solid

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

A. Beneficial use authorization

Does the existing permit include authorization for land application of sewage sludge for beneficial use?

Yes No

If yes, are you requesting to continue this authorization to land apply sewage sludge for beneficial use?

Yes No

If yes, is the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)** attached to this permit application (see the instructions for details)?

Yes No

B. Sludge processing authorization

Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?

Sludge Composting	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Marketing and Distribution of sludge	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Sludge Surface Disposal or Sludge Monofill	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>
Temporary storage in sludge lagoons	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>

If yes to any of the above sludge options and the applicant is requesting to continue this authorization, is the completed **Domestic Wastewater Permit Application: Sewage Sludge**

Technical Report (TCEQ Form No. 10056) attached to this permit application?

Yes No

Section 11. Sewage Sludge Lagoons (Instructions Page 61)

Does this facility include sewage sludge lagoons?

Yes No

If yes, complete the remainder of this section. If no, proceed to Section 12.

A. Location information

The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.

- Original General Highway (County) Map:

Attachment: [REDACTED]

- USDA Natural Resources Conservation Service Soil Map:

Attachment: [REDACTED]

- Federal Emergency Management Map:

Attachment: [REDACTED]

- Site map:

Attachment: [REDACTED]

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

- Overlap a designated 100-year frequency flood plain
- Soils with flooding classification
- Overlap an unstable area
- Wetlands
- Located less than 60 meters from a fault
- None of the above

Attachment: [REDACTED]

If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:



B. Temporary storage information

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

- Nitrate Nitrogen, mg/kg: [REDACTED]
- Total Kjeldahl Nitrogen, mg/kg: [REDACTED]
- Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: [REDACTED]
- Phosphorus, mg/kg: [REDACTED]
- Potassium, mg/kg: [REDACTED]
- pH, standard units: [REDACTED]
- Ammonia Nitrogen mg/kg: [REDACTED]
- Arsenic: [REDACTED]
- Cadmium: [REDACTED]
- Chromium: [REDACTED]
- Copper: [REDACTED]
- Lead: [REDACTED]
- Mercury: [REDACTED]
- Molybdenum: [REDACTED]
- Nickel: [REDACTED]
- Selenium: [REDACTED]
- Zinc: [REDACTED]
- Total PCBs: [REDACTED]

Provide the following information:

- Volume and frequency of sludge to the lagoon(s): [REDACTED]
- Total dry tons stored in the lagoons(s) per 365-day period: [REDACTED]
- Total dry tons stored in the lagoons(s) over the life of the unit: [REDACTED]

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity

of 1×10^{-7} cm/sec?

Yes No

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

D. Site development plan

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

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)
Attachment: [REDACTED]
- Copy of the closure plan
Attachment: [REDACTED]
- Copy of deed recordation for the site
Attachment: [REDACTED]
- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons
Attachment: [REDACTED]
- Description of the method of controlling infiltration of groundwater and surface water from entering the site
Attachment: [REDACTED]
- Procedures to prevent the occurrence of nuisance conditions
Attachment: [REDACTED]

E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

Yes No

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types

encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: [REDACTED]

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 63)

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:

[REDACTED]

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 implementation schedule, and the current status:

[REDACTED]

Section 13. RCRA/CERCLA Wastes (Instructions Page 63)

A. RCRA hazardous wastes

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

Yes No

B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive

CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

Yes No

C. Details about wastes received

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

Attachment:



Section 14. Laboratory Accreditation (Instructions Page 64)

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

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

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

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

CERTIFICATION:

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

Printed Name: Robert Laughman

Title: President

AB Signature: 

Date: 7/16/20

DOMESTIC TECHNICAL REPORT WORKSHEET 2.0

RECEIVING WATERS

The following is required for all TPDES permit applications

Section 1. Domestic Drinking Water Supply (Instructions Page 73)

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 yes, provide the following:

Owner of the drinking water supply: [REDACTED]

Distance and direction to the intake: [REDACTED]

Attach a USGS map that identifies the location of the intake.

Attachment: [REDACTED]

Section 2. Discharge into Tidally Affected Waters (Instructions Page 73)

Does the facility discharge into tidally affected waters?

Yes No

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: [REDACTED]

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).

C. Sea grasses

Are there any sea grasses within the vicinity of the point of discharge?

Yes

No

If yes, provide the distance and direction from the outfall(s).

Section 3. Classified Segments (Instructions Page 73)

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 75)

Name of the immediate receiving waters: [REDACTED]

A. Receiving water type

Identify the appropriate description of the receiving waters.

- Stream
- Freshwater Swamp or Marsh
- Lake or Pond

Surface area, in acres: [REDACTED]

Average depth of the entire water body, in feet: [REDACTED]

Average depth of water body within a 500-foot radius of discharge point, in feet: [REDACTED]

- Man-made Channel or Ditch
- Open Bay
- Tidal Stream, Bayou, or Marsh
- Other, specify: [REDACTED]