

TCEQ Interoffice Memorandum

TO: Office of the Chief Clerk
Texas Commission on Environmental Quality

THRU: Chris Kozlowski, Team Leader
Water Rights Permitting Team

FROM: Sarah Henderson, Project Manager
Water Rights Permitting Team

DATE: March 7, 2024

SUBJECT: San Antonio River Authority
WRPERM 13959
CN600790620, RN111858015
Application No. 13959 for a Water Use Permit
Texas Water Code § 11.042, Requiring Limited Mailed Notice
Cibolo Creek, San Antonio River Basin
Wilson County

The application and partial fees were received on December 7, 2023. Additional information and fees were received on February 23 and March 4, 2024. The application was declared administratively complete and accepted for filing with the Office of the Chief Clerk on March 7, 2024. Mailed notice to the downstream water right holders of record in the San Antonio River Basin is required pursuant to Title 30 Texas Administrative Code (TAC) § 295.161(a). Notice to the Texas Parks and Wildlife Department and the Public Interest Council is also required pursuant to Title 30 TAC § 295.161(c).

All fees have been paid and the application is sufficient for filing.

Sarah Henderson

Sarah Henderson, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

OCC Mailed Notice Required X YES NO

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

March 7, 2024

Mr. Shaun Donovan
San Antonio River Authority
600 E. Euclid Avenue
San Antonio, Texas 78212-4405

VIA E-MAIL

RE: San Antonio River Authority
WRPERM 13959
CN600790620, RN111858015
Application No. 13959 for a Water Use Permit
Texas Water Code § 11.042, Requiring Limited Mailed Notice
Cibolo Creek, San Antonio River Basin
Wilson County

Dear Mr. Donovan:

This acknowledges receipt, on February 23 and March 4, 2024, of additional information and fees in the amount of \$62.98 (Receipt No. M414092, copy attached).

The application was declared administratively complete and filed with the Office of the Chief Clerk on March 7, 2024. Staff will continue processing the application for consideration by the Executive Director.

Please be advised that additional information may be requested during the technical review phase of the application process.

If you have any questions concerning this matter, please contact me via email at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson

Sarah Henderson, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachment



Basis2 Cost Recovery Report

MAR-06-24 11:53 AM

Transaction Date (From): 20February2024
Transaction Date (To): 06March2024

<u>Fee</u>	<u>Receipt #</u>	<u>Proj.#</u>	<u>Acct.#</u>	<u>Paid By</u> <u>Paid For</u>	<u>Fac/Per/Ref</u> <u>Proj. Name</u>	<u>Tcode</u>	<u>Tran. Date</u>	<u>Rec. Amt.</u>
PTGU	M414092		PTGU	SAN ANTONIO RIVER AUTHORITY	13959 030424	N	04-MAR-24	-\$62.98
Receipt # subtotal:								-\$62.98
Fee code subtotal:								-\$62.98
Report total:								-\$62.98

Sarah Henderson

From: Shaun Donovan [REDACTED]
Sent: Friday, February 23, 2024 11:28 AM
To: Sarah Henderson
Subject: RE: [EXTERNAL] San Antonio River Authority - Water Use Permit Application No. 13959

Good Morning Sarah,

Please see our responses below in red for the two items pending before the application can be declared administratively complete. Please let me know if you any additional information from us to consider the application administratively complete.

1. Confirm that the groundwater- based return flows will be discharged into an unnamed tributary of Salitrillo Creek, San Antonio River Basin.
Discharge from Salitrillo Creek does not initially flow into a tributary per Official USGS maps. The outfall goes into a small off-channel watercourse created by the discharge from the plant which flows into Salitrillo Creek ~200' downstream of the end of pipe. The first named waterbody per the Official USGS maps the groundwater-based return flows enter is Salitrillo Creek in the San Antonio River Basin.
2. Remit fees in the amount of \$62.98 as described below. Please make checks payable to the TCEQ or Texas Commission on Environmental Quality.
 - Filing Fee \$ 100.00
 - Recording Fee \$ 12.50
 - Notice Fee (\$0.94 x 67 water right holders) \$ 62.98
 - Total Fees \$ 175.48
 - Fees Received \$ 112.50
 - Fees Due \$ 62.98**A check for \$62.98 is currently being processed and will be mailed to TCEQ the week of February 26, 2024.**

Thanks,
Shaun

Shaun Donovan (he/him/his) FP-C, PMP | Manager, Environmental Sciences

100 E. Guenther St., San Antonio, TX 78204 | W (210) 302-3258 C (210)639-8437 | [REDACTED]



From: Sarah Henderson <sarah.henderson@tceq.texas.gov>
Sent: Tuesday, February 20, 2024 5:29 PM
To: Shaun Donovan [REDACTED]
Subject: [EXTERNAL] San Antonio River Authority - Water Use Permit Application No. 13959

External Email: Beware of links/attachments.

Mr. Donovan,
Please find the attached.
A response is requested by March 21, 2024.
Sincerely,
Sarah

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

Sarah Henderson

From: Sarah Henderson
Sent: Tuesday, February 20, 2024 5:29 PM
To: Shaun Donovan
Subject: San Antonio River Authority - Water Use Permit Application No. 13959
Attachments: SARA_13959_RFI_20Feb2024.pdf

Mr. Donovan,
Please find the attached.
A response is requested by March 21, 2024.
Sincerely,
Sarah

Sarah Henderson
Water Rights Permitting Team
Water Availability Division
Texas Commission on Environmental Quality
P.O. Box 13087/MC-160
Austin, TX 78711-3087
(P) 512.239.2535
(F) 512.239.4770

Jon Niermann, *Chairman*
Bobby Janecka, *Commissioner*
Catarina R. Gonzales, *Commissioner*
Kelly Keel, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

February 20, 2024

Mr. Shaun Donovan
San Antonio River Authority
600 E. Euclid Avenue
San Antonio, Texas 78212-4405

VIA E-MAIL

RE: San Antonio River Authority
WRPERM 13959
CN600790620, RN111858015
Application No. 13959 for a Water Use Permit
Texas Water Code § 11.042, Requiring Limited Mailed Notice
Cibolo Creek, San Antonio River Basin
Wilson County

Dear Mr. Donovan:

This acknowledges receipt, on December 7, 2023, of the referenced application, and on December 27, 2023, of fees in the amount of \$112.50 (Receipt No. M408053, copy attached).

Additional information and fees are required before the application can be declared administratively complete.

1. Confirm that the groundwater-based return flows will be discharged into an unnamed tributary of Salitrillo Creek, San Antonio River Basin.
2. Remit fees in the amount of **\$62.98** as described below. Please make checks payable to the TCEQ or Texas Commission on Environmental Quality.

Filing Fee	\$ 100.00
Recording Fee	\$ 12.50
<u>Notice Fee (\$0.94 x 67 water right holders)</u>	<u>\$ 62.98</u>
Total Fees	\$ 175.48
<u>Fees Received</u>	<u>\$ 112.50</u>
Fees Due	\$ 62.98

Please provide the requested information and fees by March 21, 2024 or the application may be returned pursuant to Title 30 Texas Administrative Code § 281.18.

San Antonio River Authority
Application No. 13959
February 20, 2024
Page 2 of 2

If you have any questions concerning this matter, please contact me via email at sarah.henderson@tceq.texas.gov or by telephone at (512) 239-2535.

Sincerely,

Sarah Henderson

Sarah Henderson, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachment



Basis2 Receipt Report by Endorsement Number

FEB-01-24 10:28 AM

Acct. #: PAF

Account Name: PERMIT AMENDMENT FEES (AIR)

<u>Paid For</u>	<u>Endors. #</u>	<u>Ref #2</u>	<u>Paid In By</u>	<u>PayTyp</u>	<u>Chk #</u>	<u>Card#</u>	<u>Bank Slip</u>	<u>Tran.Date</u>	<u>Receipt Amnt.</u>
	M408053		SAN ANTONIO RIVER AUTHORITY	CK	940948		BS00107012	27-DEC-23	\$112.50

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

TCEQ WATER RIGHTS PERMITTING APPLICATION

ADMINISTRATIVE INFORMATION CHECKLIST

Complete and submit this checklist for each application. See Instructions Page 5.

APPLICANT(S): San Antonio River Authority

Indicate whether the following items are included in your application by writing either Y (for yes) or N (for no) next to each item (all items are not required for every application).

Y/N	Y/N
<input checked="" type="checkbox"/> Administrative Information Report	<input checked="" type="checkbox"/> Worksheet 3.0
<input type="checkbox"/> Additional Co-Applicant Information	<input type="checkbox"/> Additional W.S. 3.0 for each Point
<input type="checkbox"/> Additional Co-Applicant Signature Pages	<input type="checkbox"/> Recorded Deeds for Diversion Points
<input checked="" type="checkbox"/> Written Evidence of Signature Authority	<input type="checkbox"/> Consent for Diversion Access
<input checked="" type="checkbox"/> Technical Information Report	<input checked="" type="checkbox"/> Worksheet 4.0
<input type="checkbox"/> USGS Map (or equivalent)	<input checked="" type="checkbox"/> TPDES Permit(s)
<input checked="" type="checkbox"/> Map Showing Project Details	<input checked="" type="checkbox"/> WWTP Discharge Data
<input type="checkbox"/> Original Photographs	<input type="checkbox"/> Groundwater Well Permit
<input type="checkbox"/> Water Availability Analysis	<input type="checkbox"/> Signed Water Supply Contract
<input checked="" type="checkbox"/> Worksheet 1.0	<input checked="" type="checkbox"/> Worksheet 4.1
<input type="checkbox"/> Recorded Deeds for Irrigated Land	<input checked="" type="checkbox"/> Worksheet 5.0
<input type="checkbox"/> Consent for Irrigated Land	<input type="checkbox"/> Addendum to Worksheet 5.0
<input type="checkbox"/> Worksheet 1.1	<input checked="" type="checkbox"/> Worksheet 6.0
<input type="checkbox"/> Addendum to Worksheet 1.1	<input type="checkbox"/> Water Conservation Plan(s)
<input type="checkbox"/> Worksheet 1.2	<input type="checkbox"/> Drought Contingency Plan(s)
<input type="checkbox"/> Worksheet 2.0	<input type="checkbox"/> Documentation of Adoption
<input type="checkbox"/> Additional W.S. 2.0 for Each Reservoir	<input checked="" type="checkbox"/> Worksheet 7.0
<input type="checkbox"/> Dam Safety Documents	<input checked="" type="checkbox"/> Accounting Plan
<input type="checkbox"/> Notice(s) to Governing Bodies	<input checked="" type="checkbox"/> Worksheet 8.0
<input type="checkbox"/> Recorded Deeds for Inundated Land	<input checked="" type="checkbox"/> Fees
<input type="checkbox"/> Consent for Inundated Land	<input checked="" type="checkbox"/> Public Involvement Plan

ADMINISTRATIVE INFORMATION REPORT

The following information **is required** for **all** new applications and amendments.

*****Applicants are REQUIRED to schedule a pre-application meeting with TCEQ Staff to discuss Applicant's needs prior to submitting an application. Call the Water Rights Permitting Team to schedule a meeting at (512) 239-4600.**

1. TYPE OF APPLICATION (Instructions, Page. 6)

Indicate, by marking X, next to the following authorizations you are seeking.

New Appropriation of State Water

Amendment to a Water Right *

Bed and Banks

****If you are seeking an amendment to an existing water rights authorization, you must be the owner of record of the authorization. If the name of the Applicant in Section 2 does not match the name of the current owner(s) of record for the permit or certificate or if any of the co-owners is not included as an applicant in this amendment request, your application could be returned. If you or a co-applicant are a new owner, but ownership is not reflected in the records of the TCEQ, submit a change of ownership request (Form TCEQ-10204) prior to submitting the application for an amendment. See Instructions page. 6. Please note that an amendment application may be returned, and the Applicant may resubmit once the change of ownership is complete.***

Please summarize the authorizations or amendments you are seeking in the space below or attach a narrative description entitled "Summary of Request."

The San Antonio River Authority is seeking to obtain the water rights for the groundwater based return flows from the Salitrillo Creek WWTP. The Salitrillo Creek WWTP discharges into Salitrillo Creek in Converse, TX, and has a permitted flow of 5.83 MGD that's being expanded to 7.33 MGD. The uses identified in the Technical Report are municipal, agricultural, industrial and instream. There is an existing diversion point identified in the application documents.

2. APPLICANT INFORMATION (Instructions, Page. 6)

a. Applicant

Indicate the number of Applicants/Co-Applicants 1
(Include a copy of this section for each Co-Applicant, if any)

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

San Antonio River Authority

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

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)?

You may search for your CN on the TCEQ website at

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

CN : CN600790620 (leave blank if you do not yet have a CN).

What is the name and title of the person or persons signing the application? Unless an application is signed by an individual applicant, the person or persons must submit written evidence that they meet the signatory requirements in 30 TAC § 295.14.

First/Last Name: Derek Boese

Title: General Manager

Have you provided written evidence meeting the signatory requirements in 30 TAC § 295.14, as an attachment to this application? Y/N

What is the applicant’s mailing address as recognized by the US Postal Service (USPS)? You may verify the address on the USPS website at

<https://tools.usps.com/go/ZipLookupAction!input.action>.

Name: Shaun Donovan

Mailing Address: 600 E. Euclid Avenue

City: San Antonio

State: TX

ZIP Code: 78212

Indicate an X next to the type of Applicant:

Individual Sole Proprietorship-D.B.A.

Partnership Corporation

Trust Estate

Federal Government State Government

County Government City Government

Other Government Other _____

For Corporations or Limited Partnerships, provide:

State Franchise Tax ID Number: _____ SOS Charter (filing) Number: _____

3. APPLICATION CONTACT INFORMATION (Instructions, Page. 9)

If the TCEQ needs additional information during the review of the application, who should be contacted? Applicant may submit their own contact information if Applicant wishes to be the point of contact.

First and Last Name: Shaun Donovan

Title: Manager, Environmental Sciences

Organization Name: San Antonio River Authority

Mailing Address: 600 E. Euclid Avenue

City: San Antonio State: TX ZIP Code: 78212

Phone Number: (210)302-3258

Fax Number: _____

E-mail Address: [REDACTED]g

4. WATER RIGHT CONSOLIDATED CONTACT INFORMATION (Instructions, Page. 9)

This section applies only if there are multiple Owners of the same authorization. Unless otherwise requested, Co-Owners will each receive future correspondence from the Commission regarding this water right (after a permit has been issued), such as notices and water use reports. Multiple copies will be sent to the same address if Co-Owners share the same address. Complete this section if there will be multiple owners and **all** owners agree to let one owner receive correspondence from the Commission. Leave this section blank if you would like all future notices to be sent to the address of each of the applicants listed in section 2 above.

I/We authorize all future notices be received on my/our behalf at the following:

First and Last Name: _____

Title: _____

Organization Name: _____

Mailing Address: _____

City: _____ State: _____ ZIP Code: _____

Phone Number: _____

Fax Number: _____

E-mail Address: _____

5. MISCELLANEOUS INFORMATION (Instructions, Page. 9)

a. The application will not be processed unless all delinquent fees and/or penalties owed to the TCEQ or the Office of the Attorney General on behalf of the TCEQ are paid in accordance with the Delinquent Fee and Penalty Protocol by all applicants/co-applicants. If you need assistance determining whether you owe delinquent penalties or fees, please call the Water Rights Permitting Team at (512) 239-4600, prior to submitting your application.

1. Does Applicant or Co-Applicant owe any fees to the TCEQ? **Yes / No** No

If **yes**, provide the following information:

Account number: _____ Amount past due: _____

2. Does Applicant or Co-Applicant owe any penalties to the TCEQ? **Yes / No** No

If **yes**, please provide the following information:

Enforcement order number: _____ Amount past due: _____

b. If the Applicant is a taxable entity (corporation or limited partnership), the Applicant must be in good standing with the Comptroller or the right of the entity to transact business in the State may be forfeited. See Texas Tax Code, Subchapter F. Applicant's may check their status with the Comptroller at <https://mycpa.cpa.state.tx.us/coa/>

Is the Applicant or Co-Applicant in good standing with the Comptroller? **Yes / No** _____

c. The commission will not grant an application for a water right unless the applicant has submitted all Texas Water Development Board (TWDB) surveys of groundwater and surface water use - if required. See TWC §16.012(m) and 30 TAC § 297.41(a)(5). Applicants should check survey status on the TWDB website prior to filing:

https://www3.twdb.texas.gov/apps/reports/WU/SurveyStatus_PriorThreeYears

Applicant has submitted all required TWDB surveys of groundwater and surface water?
Yes / No NA

6. SIGNATURE PAGE (Instructions, Page. 11)

Applicant:

I, Derek Boese General Manager
(Typed or printed name) (Title)

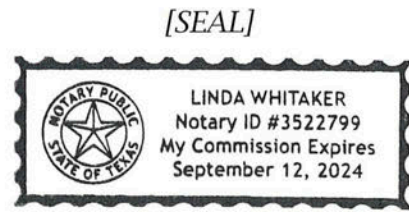
certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the 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 Title 30 Texas Administrative Code §295.14 to sign and submit this document and I have submitted written evidence of my signature authority.

Signature:  Date: 29 NOV 23
(Use blue ink)

Subscribed and Sworn to before me by the said
on this 29th day of November, 20 23
My commission expires on the 12th day of September, 20 24.

Notary Public
Bekar
County, Texas



If the Application includes Co-Applicants, each Applicant and Co-Applicant must submit an original, separate signature page

TECHNICAL INFORMATION REPORT

WATER RIGHTS PERMITTING

This Report is required for applications for new or amended water rights. Based on the Applicant's responses below, Applicants are directed to submit additional Worksheets (provided herein). A completed Administrative Information Report is also required for each application.

Applicants are REQUIRED to schedule a pre-application meeting with TCEQ Permitting Staff to discuss Applicant's needs and to confirm information necessary for an application prior to submitting such application. Please contact the Water Availability Division at (512) 239-4600 or WRPT@tceq.texas.gov to schedule a meeting.

Date of pre-application meeting: September 29, 2023

1. New or Additional Appropriations of State Water. Texas Water Code (TWC) § 11.121 (Instructions, Page. 12)

State Water is: *The water of the ordinary flow, underflow, and tides of every flowing river, natural stream, and lake, and of every bay or arm of the Gulf of Mexico, and the storm water, floodwater, and rainwater of every river, natural stream, canyon, ravine, depression, and watershed in the state. TWC § 11.021.*

- a. Applicant requests a new appropriation (diversion or impoundment) of State Water? Y / N^N_____
- b. Applicant requests an amendment to an existing water right requesting an increase in the appropriation of State Water or an increase of the overall or maximum combined diversion rate? Y / N^N_____ (If yes, indicate the Certificate or Permit number:_____)

If Applicant answered yes to (a) or (b) above, does Applicant also wish to be considered for a term permit pursuant to TWC § 11.1381? Y / N^N_____

- c. Applicant requests to extend an existing Term authorization or to make the right permanent? Y / N^N_____ (If yes, indicate the Term Certificate or Permit number:_____)

If Applicant answered yes to (a), (b) or (c), the following worksheets and documents are required:

- **Worksheet 1.0 - Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir requested in the application)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point and/or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach requested in the application)
- **Worksheet 5.0 - Environmental Information Worksheet**
- **Worksheet 6.0 - Water Conservation Information Worksheet**
- **Worksheet 7.0 - Accounting Plan Information Worksheet**
- **Worksheet 8.0 - Calculation of Fees**
- **Fees calculated on Worksheet 8.0 - see instructions Page. 34.**
- **Maps - See instructions Page. 15.**
- **Photographs - See instructions Page. 30.**

Additionally, if Applicant wishes to submit an alternate source of water for the project/authorization, see Section 3, Page 3 for Bed and Banks Authorizations (Alternate sources may include groundwater, imported water, contract water or other sources).

Additional Documents and Worksheets may be required (see within).

2. Amendments to Water Rights. TWC § 11.122 (Instructions, Page. 12)

This section should be completed if Applicant owns an existing water right and Applicant requests to amend the water right. ***If Applicant is not currently the Owner of Record in the TCEQ Records, Applicant must submit a Change of Ownership Application (TCEQ-10204) prior to submitting the amendment Application or provide consent from the current owner to make the requested amendment. If the application does not contain consent from the current owner to make the requested amendment, TCEQ will not begin processing the amendment application until the Change of Ownership has been completed and will consider the Received Date for the application to be the date the Change of Ownership is completed. See instructions page. 6.***

Water Right (Certificate or Permit) number you are requesting to amend: _____

Applicant requests to sever and combine existing water rights from one or more Permits or Certificates into another Permit or Certificate? Y / N _____ (if yes, complete chart below):

List of water rights to sever	Combine into this ONE water right

- a. Applicant requests an amendment to an existing water right to increase the amount of the appropriation of State Water (diversion and/or impoundment)? Y / N _____

*If yes, application is a new appropriation for the increased amount, complete **Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.***

- b. Applicant requests to amend existing Term authorization to extend the term or make the water right permanent (remove conditions restricting water right to a term of years)? Y / N _____

*If yes, application is a new appropriation for the entire amount, complete **Section 1 of this Report (PAGE. 1) regarding New or Additional Appropriations of State Water.***

- c. Applicant requests an amendment to change the purpose or place of use or to add an additional purpose or place of use to an existing Permit or Certificate? Y / N _____
If yes, submit:

- **Worksheet 1.0 - Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 1.2 - Notice: "Marshall Criteria"**

- d. Applicant requests to change: diversion point(s); or reach(es); or diversion rate? Y / N _____
If yes, submit:

- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for each diversion point or one worksheet for the upstream limit and one worksheet for the downstream limit of each diversion reach)
- **Worksheet 5.0 - Environmental Information** (Required for any new diversion points that are not already authorized in a water right)

- e. Applicant requests amendment to add or modify an impoundment, reservoir, or dam? Y / N _____

*If yes, submit: **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir)*

- f. Other - Applicant requests to change any provision of an authorization not mentioned above? Y / N_____ *If yes, call the Water Availability Division at (512) 239-4600 to discuss.*

Additionally, all amendments require:

- **Worksheet 8.0 – Calculation of Fees; and Fees calculated – see instructions Page. 34**
- **Maps – See instructions Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

3. Bed and Banks. TWC § 11.042 (Instructions, Page 13)

- a. Pursuant to contract, Applicant requests authorization to convey, stored or conserved water to the place of use or diversion point of purchaser(s) using the bed and banks of a watercourse? TWC § 11.042(a). Y/N^N_____

If yes, submit a signed copy of the Water Supply Contract pursuant to 30 TAC §§ 295.101 and 297.101. Further, if the underlying Permit or Authorization upon which the Contract is based does not authorize Purchaser's requested Quantity, Purpose or Place of Use, or Purchaser's diversion point(s), then either:

- 1. Purchaser must submit the worksheets required under Section 1 above with the Contract Water identified as an alternate source; or*
- 2. Seller must amend its underlying water right under Section 2.*

- b. Applicant requests to convey water imported into the state from a source located wholly outside the state using the bed and banks of a watercourse? TWC § 11.042(a-1). Y / N^N_____

If yes, submit worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps and fees from the list below.

- c. Applicant requests to convey Applicant's own return flows derived from privately owned groundwater using the bed and banks of a watercourse? TWC § 11.042(b). Y / N^Y_____

If yes, submit worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

- d. Applicant requests to convey Applicant's own return flows derived from surface water using the bed and banks of a watercourse? TWC § 11.042(c). Y / N^N_____

If yes, submit worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 6.0, 7.0, 8.0, Maps, and fees from the list below.

****Please note, if Applicant requests the reuse of return flows belonging to others, the Applicant will need to submit the worksheets and documents under Section 1 above, as the application will be treated as a new appropriation subject to termination upon direct or indirect reuse by the return flow discharger/owner.***

- e. Applicant requests to convey water from any other source, other than (a)-(d) above, using the bed and banks of a watercourse? TWC § 11.042(c). Y / N^N_____

If yes, submit worksheets 1.0, 2.0, 3.0, 4.0, 5.0, 7.0, 8.0, Maps, and fees from the list below.

Worksheets and information:

- **Worksheet 1.0 – Quantity, Purpose, and Place of Use Information Worksheet**
- **Worksheet 2.0 - Impoundment/Dam Information Worksheet** (submit one worksheet for each impoundment or reservoir owned by the applicant through which water will be conveyed or diverted)
- **Worksheet 3.0 - Diversion Point Information Worksheet** (submit one worksheet for the downstream limit of each diversion reach for the proposed conveyances)

- **Worksheet 4.0 – Discharge Information Worksheet** (for each discharge point)
- **Worksheet 5.0 – Environmental Information Worksheet**
- **Worksheet 6.0 – Water Conservation Information Worksheet**
- **Worksheet 7.0 – Accounting Plan Information Worksheet**
- **Worksheet 8.0 – Calculation of Fees; and Fees calculated – see instructions Page. 34**
- **Maps – See instructions Page. 15.**
- **Additional Documents and Worksheets may be required (see within).**

4. **General Information, Response Required for all Water Right Applications (Instructions, Page 15)**

- a. Provide information describing how this application addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement (*not required for applications to use groundwater-based return flows*). Include citations or page numbers for the State and Regional Water Plans, if applicable. Provide the information in the space below or submit a supplemental sheet entitled “Addendum Regarding the State and Regional Water Plans”:

The San Antonio River Authority (River Authority) is located within and actively involved in the Region L Planning Group. The River Authority is pursuing this water right to use current and future discharges from the Salitrillo Creek Wastewater Treatment Facility. In accordance with the 2021 Region L Water Plan and the 2022 State Water Plan, this water would be used to offset municipal, agricultural and industrial water needs. This water right would also be used to help maintain required instream flows, particularly the standards set for Cibolo Creek outlined in the Environmental Flows Standards for Surface Water, Subchapter E, effective August 30, 2012.

- b. Did the Applicant perform its own Water Availability Analysis? Y / N N

If the Applicant performed its own Water Availability Analysis, provide electronic copies of any modeling files and reports.

- c. Does the application include required Maps? (**Instructions Page. 15**) Y / N Y

WORKSHEET 1.0

Quantity, Purpose and Place of Use

1. New Authorizations (Instructions, Page. 16)

Submit the following information regarding quantity, purpose and place of use for requests for new or additional appropriations of State Water or Bed and Banks authorizations:

Quantity (acre-foot) <i>(Include losses for Bed and Banks)</i>	State Water Source (River Basin) or Alternate Source <i>*each alternate source (and new appropriation based on return flows of others) also requires completion of Worksheet 4.0</i>	Purpose(s) of Use	Place(s) of Use <i>*requests to move state water out of basin also require completion of Worksheet 1.1 Interbasin Transfer</i>
8211	Groundwater Based Return Flows	Municipal, agricultural, industrial and instream purposes.	Basin 19 - San Antonio River; Bexar and Wilson Counties

8211 Total amount of water (in acre-feet) to be used annually (*include losses for Bed and Banks applications*)

If the Purpose of Use is Agricultural/Irrigation for any amount of water, provide:

a. Location Information Regarding the Lands to be Irrigated

- i) Applicant proposes to irrigate a total of _____ acres in any one year. This acreage is all of or part of a larger tract(s) which is described in a supplement attached to this application and contains a total of _____ acres in _____ County, TX.
- ii) Location of land to be irrigated: In the _____ Original Survey No. _____, Abstract No. _____.

A copy of the deed(s) or other acceptable instrument describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds.

If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.

2. Amendments - Purpose or Place of Use (Instructions, Page. 12)

a. Complete this section for each requested amendment changing, adding, or removing Purpose(s) or Place(s) of Use, complete the following:

Quantity (acre-feet)	Existing Purpose(s) of Use	Proposed Purpose(s) of Use*	Existing Place(s) of Use	Proposed Place(s) of Use**

**If the request is to add additional purpose(s) of use, include the existing and new purposes of use under "Proposed Purpose(s) of Use."*

***If the request is to add additional place(s) of use, include the existing and new places of use under "Proposed Place(s) of Use."*

Changes to the purpose of use in the Rio Grande Basin may require conversion. 30 TAC § 303.43.

- b. For any request which adds Agricultural purpose of use or changes the place of use for Agricultural rights, provide the following location information regarding the lands to be irrigated:
- i. Applicant proposes to irrigate a total of _____ acres in any one year. This acreage is all of or part of a larger tract(s) which is described in a supplement attached to this application and contains a total of _____ acres in _____ County, TX.
 - ii. Location of land to be irrigated: In the _____ Original Survey No. _____, Abstract No. _____.

A copy of the deed(s) describing the overall tract(s) with the recording information from the county records must be submitted. Applicant's name must match deeds. If the Applicant is not currently the sole owner of the lands to be irrigated, Applicant must submit documentation evidencing consent or other legal right for Applicant to use the land described.

Water Rights for Irrigation may be appurtenant to the land irrigated and convey with the land unless reserved in the conveyance. 30 TAC § 297.81.

- c. Submit Worksheet 1.1, Interbasin Transfers, for any request to change the place of use which moves State Water to another river basin.
- d. See Worksheet 1.2, Marshall Criteria, and submit if required.
- e. See Worksheet 6.0, Water Conservation/Drought Contingency, and submit if required.

WORKSHEET 1.1

INTERBASIN TRANSFERS, TWC § 11.085

Submit this worksheet for an application for a new or amended water right which requests to transfer State Water from its river basin of origin to use in a different river basin. A river basin is defined and designated by the Texas Water Development Board by rule pursuant to TWC § 16.051.

Applicant requests to transfer State Water to another river basin within the State? Y / N_____

1. Interbasin Transfer Request (Instructions, Page. 20)

- a. Provide the Basin of Origin. _____
- b. Provide the quantity of water to be transferred (acre-feet). _____
- c. Provide the Basin(s) and count(y/ies) where use will occur in the space below:

2. Exemptions (Instructions, Page. 20), TWC § 11.085(v)

Certain interbasin transfers are exempt from further requirements. Answer the following:

- a. The proposed transfer, which in combination with any existing transfers, totals less than 3,000 acre-feet of water per annum from the same water right. Y/N__
- b. The proposed transfer is from a basin to an adjoining coastal basin? Y/N__
- c. The proposed transfer from the part of the geographic area of a county or municipality, or the part of the retail service area of a retail public utility as defined by Section 13.002, that is within the basin of origin for use in that part of the geographic area of the county or municipality, or that contiguous part of the retail service area of the utility, not within the basin of origin? Y/N__
- d. The proposed transfer is for water that is imported from a source located wholly outside the boundaries of Texas, except water that is imported from a source located in the United Mexican States? Y/N__

3. Interbasin Transfer Requirements (Instructions, Page. 20)

For each Interbasin Transfer request that is not exempt under any of the exemptions listed above Section 2, provide the following information in a supplemental attachment titled "Addendum to Worksheet 1.1, Interbasin Transfer":

- a. the contract price of the water to be transferred (if applicable) (also include a copy of the contract or adopted rate for contract water);
- b. a statement of each general category of proposed use of the water to be transferred and a detailed description of the proposed uses and users under each category;
- c. the cost of diverting, conveying, distributing, and supplying the water to, and treating the water for, the proposed users (example - expert plans and/or reports documents may be provided to show the cost);

- d. describe the need for the water in the basin of origin and in the proposed receiving basin based on the period for which the water supply is requested, but not to exceed 50 years (the need can be identified in the most recently approved regional water plans. The state and regional water plans are available for download at this website: (<http://www.twdb.texas.gov/waterplanning/swp/index.asp>);
- e. address the factors identified in the applicable most recently approved regional water plans which address the following:
 - (i) the availability of feasible and practicable alternative supplies in the receiving basin to the water proposed for transfer;
 - (ii) the amount and purposes of use in the receiving basin for which water is needed;
 - (iii) proposed methods and efforts by the receiving basin to avoid waste and implement water conservation and drought contingency measures;
 - (iv) proposed methods and efforts by the receiving basin to put the water proposed for transfer to beneficial use;
 - (v) the projected economic impact that is reasonably expected to occur in each basin as a result of the transfer; and
 - (vi) the projected impacts of the proposed transfer that are reasonably expected to occur on existing water rights, instream uses, water quality, aquatic and riparian habitat, and bays and estuaries that must be assessed under Sections 11.147, 11.150, and 11.152 in each basin (*if applicable*). If the water sought to be transferred is currently authorized to be used under an existing permit, certified filing, or certificate of adjudication, such impacts shall only be considered in relation to that portion of the permit, certified filing, or certificate of adjudication proposed for transfer and shall be based on historical uses of the permit, certified filing, or certificate of adjudication for which amendment is sought;
- f. proposed mitigation or compensation, if any, to the basin of origin by the applicant; and
- g. the continued need to use the water for the purposes authorized under the existing Permit, Certified Filing, or Certificate of Adjudication, if an amendment to an existing water right is sought.

WORKSHEET 1.2 NOTICE. “THE MARSHALL CRITERIA”

This worksheet assists the Commission in determining notice required for certain **amendments** that do not already have a specific notice requirement in a rule for that type of amendment, and *that do not change the amount of water to be taken or the diversion rate*. The worksheet provides information that Applicant **is required** to submit for amendments such as certain amendments to special conditions or changes to off-channel storage. These criteria address whether the proposed amendment will impact other water right holders or the on- stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

*This worksheet is **not required for Applications in the Rio Grande Basin** requesting changes in the purpose of use, rate of diversion, point of diversion, and place of use for water rights held in and transferred within and between the mainstems of the Lower Rio Grande, Middle Rio Grande, and Amistad Reservoir. See 30 TAC § 303.42.*

*This worksheet is **not required for amendments which are only changing or adding diversion points, or request only a bed and banks authorization or an IBT authorization**. However, Applicants may wish to submit the Marshall Criteria to ensure that the administrative record includes information supporting each of these criteria*

1. The “Marshall Criteria” (Instructions, Page. 21)

Submit responses on a supplemental attachment titled “Marshall Criteria” in a manner that conforms to the paragraphs (a) – (g) below:

- a. Administrative Requirements and Fees. Confirm whether application meets the administrative requirements for an amendment to a water use permit pursuant to TWC Chapter 11 and Title 30 Texas Administrative Code (TAC) Chapters 281, 295, and 297. An amendment application should include, but is not limited to, a sworn application, maps, completed conservation plan, fees, etc.
- b. Beneficial Use. Discuss how proposed amendment is a beneficial use of the water as defined in TWC § 11.002 and listed in TWC § 11.023. Identify the specific proposed use of the water (e.g., road construction, hydrostatic testing, etc.) for which the amendment is requested.
- c. Public Welfare. Explain how proposed amendment is not detrimental to the public welfare. Consider any public welfare matters that might be relevant to a decision on the application. Examples could include concerns related to the well-being of humans and the environment.
- d. Groundwater Effects. Discuss effects of proposed amendment on groundwater or groundwater recharge.

- e. State Water Plan. Describe how proposed amendment addresses a water supply need in a manner that is consistent with the state water plan or the applicable approved regional water plan for any area in which the proposed appropriation is located or, in the alternative, describe conditions that warrant a waiver of this requirement. The state and regional water plans are available for download at:
<http://www.twdb.texas.gov/waterplanning/swp/index.asp>.
- f. Waste Avoidance. Provide evidence that reasonable diligence will be used to avoid waste and achieve water conservation as defined in TWC § 11.002. Examples of evidence could include, but are not limited to, a water conservation plan or, if required, a drought contingency plan, meeting the requirements of 30 TAC Chapter 288.
- g. Impacts on Water Rights or On-stream Environment. Explain how the proposed amendment will not impact other water right holders or the on-stream environment beyond and irrespective of the fact that the water right can be used to its full authorized amount.

WORKSHEET 2.0

Impoundment/Dam Information

This worksheet **is required** for any impoundment, reservoir and/or dam. Submit an additional Worksheet 2.0 for each impoundment or reservoir requested in this application.

If there is more than one structure, the numbering/naming of structures should be consistent throughout the application and on any supplemental documents (e.g., maps).

1. Storage Information (Instructions, Page. 21)

- a. Official USGS name of reservoir, if applicable: _____
- b. Provide amount of water (in acre-feet) impounded by structure at normal maximum operating level: _____.
- c. The impoundment is on-channel _____ or off-channel _____ (mark one)
 - i. Applicant has verified on-channel or off-channel determination by contacting Surface Water Availability Team at (512) 239-4600? Y / N _____
 - ii. If on-channel, will the structure have the ability to pass all State Water inflows that Applicant does not have authorization to impound? Y / N _____
- d. Is the impoundment structure already constructed? Y / N _____
 - i. For already constructed **on-channel** structures:
 1. Date of Construction: _____
 2. Was it constructed to be an exempt structure under TWC § 11.142? Y / N _____
 - a. If Yes, is Applicant requesting to proceed under TWC § 11.143? Y / N _____
 - b. If No, has the structure been issued a notice of violation by TCEQ? Y / N _____
 3. Is it a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure? Y / N _____
 - a. If yes, provide the Site No. _____ and watershed project name _____;
 - b. Authorization to close "ports" in the service spillway requested? Y / N _____
 - ii. For **any** proposed new structures or modifications to structures:
 1. Applicant **must** contact TCEQ Dam Safety Section at (512) 239-0326, *prior to submitting an Application*. Applicant has contacted the TCEQ Dam Safety Section regarding the submission requirements of 30 TAC, Ch. 299? Y / N _____
Provide the date and the name of the Staff Person _____
 2. As a result of Applicant's consultation with the TCEQ Dam Safety Section, TCEQ has confirmed that:
 - a. No additional dam safety documents required with the Application. Y / N _____
 - b. Plans (with engineer's seal) for the structure required. Y / N _____
 - c. Engineer's signed and sealed hazard classification required. Y / N _____
 - d. Engineer's statement that structure complies with 30 TAC, Ch. 299 Rules required. Y / N _____

3. Applicants **shall** give notice by certified mail to each member of the governing body of each county and municipality in which the reservoir, or any part of the reservoir to be constructed, will be located. (30 TAC § 295.42). Applicant must submit a copy of all the notices and certified mailing cards with this Application. Notices and cards are included? Y / N_____

iii. Additional information required for **on-channel** storage:

1. Surface area (in acres) of on-channel reservoir at normal maximum operating level:_____.
2. Based on the Application information provided, Staff will calculate the drainage area above the on-channel dam or reservoir. If Applicant wishes to also calculate the drainage area they may do so at their option. Applicant has calculated the drainage area. Y/N_____ If yes, the drainage area is_____sq. miles. (If assistance is needed, call the Surface Water Availability Team prior to submitting the application, (512) 239-4600).

2. Structure Location (Instructions, Page. 23)

- a. On Watercourse (if on-channel) (USGS name):_____
- b. Zip Code: _____
- c. In the_____Original Survey No._____, Abstract No._____, _____County, Texas.

**** A copy of the deed(s) with the recording information from the county records must be submitted describing the tract(s) that include the structure and all lands to be inundated.***

*****If the Applicant is not currently the sole owner of the land on which the structure is or will be built and sole owner of all lands to be inundated, Applicant must submit documentation evidencing consent or other documentation supporting Applicant's right to use the land described.***

- d. A point on the centerline of the dam (on-channel) or anywhere within the impoundment (off-channel) is:

Latitude_____°N, Longitude_____°W.

****Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places***

- i. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program):_____
- ii. Map submitted which clearly identifies the Impoundment, dam (where applicable), and the lands to be inundated. See instructions Page. 15. Y / N_____

WORKSHEET 3.0

DIVERSION POINT (OR DIVERSION REACH) INFORMATION

This worksheet **is required** for each diversion point or diversion reach. Submit one Worksheet 3.0 for **each** diversion point and two Worksheets for **each** diversion reach (one for the upstream limit and one for the downstream limit of each diversion reach).

The numbering of any points or reach limits should be consistent throughout the application and on supplemental documents (e.g., maps).

1. Diversion Information (Instructions, Page. 24)

- a. This Worksheet is to add new (select 1 of 3 below):
1. Existing Diversion Point No.
 2. Upstream Limit of Diversion Reach No.
 3. Downstream Limit of Diversion Reach No.
- b. Maximum Rate of Diversion for **this new point** ^{7.45} _____ cfs (cubic feet per second)
or ³³⁴⁴ _____ gpm (gallons per minute)
- c. Does this point share a diversion rate with other points? **Y / N** ^Y _____
*If yes, submit Maximum **Combined** Rate of Diversion for all points/reaches* ^{9.01} _____ cfs or ⁴⁰⁴⁴ _____ gpm
- d. For amendments, is Applicant seeking to increase combined diversion rate? **Y / N** _____

*** An increase in diversion rate is considered a new appropriation and would require completion of Section 1, New or Additional Appropriation of State Water.*

- e. Check (✓) the appropriate box to indicate diversion location and indicate whether the diversion location is existing or proposed:

Check one		Write: Existing or Proposed
<input checked="" type="checkbox"/>	Directly from stream	Existing
<input type="checkbox"/>	From an on-channel reservoir	
<input type="checkbox"/>	From a stream to an on-channel reservoir	
<input type="checkbox"/>	Other method (explain fully, use additional sheets if necessary)	

- f. Based on the Application information provided, Staff will calculate the drainage area above the diversion point (or reach limit). If Applicant wishes to also calculate the drainage area, you may do so at their option.

Applicant has calculated the drainage area. **Y / N** ^Y _____

If yes, the drainage area is ^{754.89} _____ sq. miles.
(If assistance is needed, call the Surface Water Availability Team at (512) 239-4600, prior to submitting application)

2. Diversion Location (Instructions, Page 25)

- a. On watercourse (USGS name): Cibolo Creek, tributary of the San Antonio River
- b. Zip Code: 78114
- c. Location of point: In the Caballerias Original Survey No. 1, Abstract No. 219, Wilson County, Texas.

A copy of the deed(s) with the recording information from the county records must be submitted describing tract(s) that include the diversion structure.

For diversion reaches, the Commission cannot grant an Applicant access to property that the Applicant does not own or have consent or a legal right to access, the Applicant will be required to provide deeds, or consent, or other documents supporting a legal right to use the specific points when specific diversion points within the reach are utilized. Other documents may include, but are not limited to a recorded easement, a land lease, a contract, or a citation to the Applicant's right to exercise eminent domain to acquire access.

- d. Point is at: Latitude 29.095140 °N, Longitude 97.971158 °W.
Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places

- e. Indicate the method used to calculate the location (examples: Handheld GPS Device, GIS, Mapping Program): Previous Water Rights Application; Permit No. 5611
- f. Map submitted must clearly identify each diversion point and/or reach. See instructions Page. 15.
- g. If the Plan of Diversion is complicated and not readily discernable from looking at the map, attach additional sheets that fully explain the plan of diversion.

WORKSHEET 4.0

DISCHARGE INFORMATION

This worksheet required for any requested authorization to discharge water into a State Watercourse for conveyance and later withdrawal or in-place use. Worksheet 4.1 is also required for each Discharge point location requested. **Instructions Page. 26. Applicant is responsible for obtaining any separate water quality authorizations which may be required and for insuring compliance with TWC, Chapter 26 or any other applicable law.**

- a. The purpose of use for the water being discharged will be municipal, agricultural, industrial and instream purposes.
- b. Provide the amount of water that will be lost to transportation, evaporation, seepage, channel or other associated carriage losses 34.27 (% or amount) and explain the method of calculation: See attached Salitrillo WWTP Accounting Plan, Salitrillo Creek WWTP Accounting Plan Narrative and Salitrillo Creek WWTP Carriage Loss Calculation documents.
- c. Is the source of the discharged water return flows? **Y / N** Y If yes, provide the following information:
 1. The TPDES Permit Number(s). WQ0010749-001 (attach a copy of the **current** TPDES permit(s))
 2. Applicant is the owner/holder of each TPDES permit listed above? **Y / N** Y

PLEASE NOTE: If Applicant is not the discharger of the return flows, or the Applicant is not the water right owner of the underlying surface water right, or the Applicant does not have a contract with the discharger, the application should be submitted under Section 1, New or Additional Appropriation of State Water, as a request for a new appropriation of state water. If Applicant is the discharger, the surface water right holder, or the contract holder, then the application should be submitted under Section 3, Bed and Banks.

3. Monthly WWTP discharge data for the past 5 years in electronic format. (Attach and label as "Supplement to Worksheet 4.0").
 4. The percentage of return flows from groundwater 100, surface water _____?
 5. If any percentage is surface water, provide the base water right number(s) _____.
- d. Is the source of the water being discharged groundwater? **Y / N** Y If yes, provide the following information:
 1. Source aquifer(s) from which water will be pumped: Edwards
 2. If the well has not been constructed, provide production information for wells in the same aquifer in the area of the application. See <http://www.twdb.texas.gov/groundwater/data/gwdbbrpt.asp>. Additionally, provide well numbers or identifiers _____.
 3. Indicate how the groundwater will be conveyed to the stream or reservoir.

The Salitrillo WWTP will receive waste water from within its CCN, treat that water to the standards outlined in the permit then discharge into Salitrillo Creek.
 4. A copy of the groundwater well permit if it is located in a Groundwater Conservation District (GCD) or evidence that a groundwater well permit is not required.

di. Is the source of the water being discharged a surface water supply contract? **Y / N** N
If yes, provide the signed contract(s).

dii. Identify any other source of the water _____

WORKSHEET 4.1

DISCHARGE POINT INFORMATION

This worksheet is required for **each** discharge point. Submit one Worksheet 4.1 for each discharge point. If there is more than one discharge point, the numbering of the points should be consistent throughout the application and on any supplemental documents (e.g., maps).
Instructions, Page 27.

For water discharged at this location provide:

- a. The amount of water that will be discharged at this point is 8211 acre-feet per year. The discharged amount should include the amount needed for use and to compensate for any losses.
- b. Water will be discharged at this point at a maximum rate of 11.34 cfs or _____ gpm.
- c. Name of Watercourse as shown on Official USGS maps: Salitrillo Creek
- d. Zip Code 78109
- e. Location of point: In the Richard Mockett Original Survey No. 316, Abstract No. 497, Bexar County, Texas.
- f. Point is at:
Latitude 29.5071438 °N, Longitude 98.2986618 °W.
**Provide Latitude and Longitude coordinates in decimal degrees to at least six decimal places*
- g. Indicate the method used to calculate the discharge point location (examples: Handheld GPS Device, GIS, Mapping Program): Handheld GPS Device

Map submitted must clearly identify each discharge point. See instructions Page. 15.

WORKSHEET 5.0

ENVIRONMENTAL INFORMATION

1. Impingement and Entrainment

This section is required for any new diversion point that is not already authorized. Indicate the measures the applicant will take to avoid impingement and entrainment of aquatic organisms (ex. Screens on any new diversion structure that is not already authorized in a water right). **Instructions, Page 28.**

This water right is utilizing an existing and authorized diversion point, Permit No. 5611.

2. New Appropriations of Water (Canadian, Red, Sulphur, and Cypress Creek Basins only) and Changes in Diversion Point(s)

This section is required for new appropriations of water in the Canadian, Red, Sulphur, and Cypress Creek Basins and in all basins for requests to change a diversion point. **Instructions, Page 30.**

Description of the Water Body at each Diversion Point or Dam Location. (Provide an Environmental Information Sheet for each location),

a. Identify the appropriate description of the water body.

Stream

Reservoir

Average depth of the entire water body, in feet: _____

Other, specify: _____

Not Applicable

b. Flow characteristics

If a stream, was checked above, provide the following. For new diversion locations, check one of the following that best characterize the area downstream of the diversion (check one).

Intermittent - dry for at least one week during most years

Intermittent with Perennial Pools - enduring pools

Perennial - normally flowing

Check the method used to characterize the area downstream of the new diversion location.

USGS flow records

Historical observation by adjacent landowners

Personal observation

Other, specify: _____

c. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the stream segments affected by the application and the area surrounding those stream segments.

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

d. Waterbody Recreational Uses

Are there any known recreational uses of the stream segments affected by the application?

- Primary contact recreation (swimming or direct contact with water)
- Secondary contact recreation (fishing, canoeing, or limited contact with water)
- Non-contact recreation

e. Submit the following information in a Supplemental Attachment, labeled Addendum to Worksheet 5.0:

1. Photographs of the stream at the diversion point or dam location. Photographs should be in color and show the proposed point or reservoir and upstream and downstream views of the stream, including riparian vegetation along the banks. Include a description of each photograph and reference the photograph to the maps submitted with the application indicating the location of the photograph and the direction of the shot.
2. If the application includes a proposed reservoir, also include:
 - i. A brief description of the area that will be inundated by the reservoir.
 - ii. If a United States Army Corps of Engineers (USACE) 404 permit is required, provide the project number and USACE project manager.
 - iii. A description of how any impacts to wetland habitat, if any, will be mitigated if the reservoir is greater than 5,000 acre-feet.

3. Alternate Sources of Water and/or Bed and Banks Applications

This section is required for applications using an alternate source of water and bed and banks applications in any basins. **Instructions, page 31.**

- a. For all bed and banks applications: **See statement in red at the bottom of this page.**
 - i. Submit an assessment of the adequacy of the quantity and quality of flows remaining after the proposed diversion to meet instream uses and bay and estuary freshwater inflow requirements.
- b. For all alternate source applications:
 - i. If the alternate source is treated return flows, provide the TPDES permit number W00010749-00
 - ii. If groundwater is the alternate source, or groundwater or other surface water will be discharged into a watercourse provide: Reasonably current water chemistry information including but not limited to the following parameters in the table below. Additional parameters may be requested if there is a specific water quality concern associated with the aquifer from which water is withdrawn. If data for onsite wells are unavailable; historical data collected from similar sized wells drawing water from the same aquifer may be provided. However, onsite data may still be required when it becomes available. Provide the well number or well identifier. Complete the information below for each well and provide the Well Number or identifier.

Parameter	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Sulfate, mg/L					
Chloride, mg/L					
Total Dissolved Solids, mg/L					
pH, standard units					
Temperature*, degrees Celsius					

* Temperature must be measured onsite at the time the groundwater sample is collected.

- iii. If groundwater will be used, provide the depth of the well _____ and the name of the aquifer from which water is withdrawn _____.

This application only requests to discharge and subsequently divert groundwater based return flows. The amount of water diverted will not exceed the amount of water discharged, less losses, therefore there should be no changes to downstream instream flows or freshwater inflows.

WORKSHEET 6.0

Water Conservation/Drought Contingency Plans

This form is intended to assist applicants in determining whether a Water Conservation Plan and/or Drought Contingency Plans is required and to specify the requirements for plans.

Instructions, Page 31.

*The TCEQ has developed guidance and model plans to help applicants prepare plans. Applicants may use the model plan with pertinent information filled in. For assistance submitting a plan call the Resource Protection Team (Water Conservation staff) at 512-239-4600, or e-mail wras@tceq.texas.gov. The model plans can also be downloaded from the TCEQ webpage. **Please use the most up-to-date plan documents available on the webpage.***

1. Water Conservation Plans

a. The following applications must include a completed Water Conservation Plan (30 TAC § 295.9) for each use specified in 30 TAC, Chapter 288 (municipal, industrial or mining, agriculture - including irrigation, wholesale):

1. Request for a new appropriation or use of State Water.
2. Request to amend water right to increase appropriation of State Water.
3. Request to amend water right to extend a term.
4. Request to amend water right to change a place of use.
**does not apply to a request to expand irrigation acreage to adjacent tracts.*
5. Request to amend water right to change the purpose of use.
**applicant need only address new uses.*
6. Request for bed and banks under TWC § 11.042(c), when the source water is State Water.
**including return flows, contract water, or other State Water.*

b. If Applicant is requesting any authorization in section (1)(a) above, indicate each use for which Applicant is submitting a Water Conservation Plan as an attachment:

1. ____Municipal Use. See 30 TAC § 288.2. **
2. ____Industrial or Mining Use. See 30 TAC § 288.3.
3. ____Agricultural Use, including irrigation. See 30 TAC § 288.4.
4. ____Wholesale Water Suppliers. See 30 TAC § 288.5. **

**If Applicant is a water supplier, Applicant must also submit documentation of adoption of the plan. Documentation may include an ordinance, resolution, or tariff, etc. See 30 TAC §§ 288.2(a)(1)(J)(i) and 288.5(1)(H). Applicant has submitted such documentation with each water conservation plan? Y / N____

c. Water conservation plans submitted with an application must also include data and information which: supports applicant's proposed use with consideration of the plan's water conservation goals; evaluates conservation as an alternative to the proposed

appropriation; and evaluates any other feasible alternative to new water development.
See 30 TAC § 288.7.

Applicant has included this information in each applicable plan? Y / N____

2. Drought Contingency Plans

- a. A drought contingency plan is also required for the following entities if Applicant is requesting any of the authorizations in section (1) (a) above - indicate each that applies:
1. ____Municipal Uses by public water suppliers. See 30 TAC § 288.20.
 2. ____Irrigation Use/ Irrigation water suppliers. See 30 TAC § 288.21.
 3. ____Wholesale Water Suppliers. See 30 TAC § 288.22.
- b. If Applicant must submit a plan under section 2(a) above, Applicant has also submitted documentation of adoption of drought contingency plan (*ordinance, resolution, or tariff, etc.* See 30 TAC § 288.30) Y / N____

WORKSHEET 7.0

ACCOUNTING PLAN INFORMATION WORKSHEET

The following information provides guidance on when an Accounting Plan may be required for certain applications and if so, what information should be provided. An accounting plan can either be very simple such as keeping records of gage flows, discharges, and diversions; or, more complex depending on the requests in the application. Contact the Surface Water Availability Team at 512-239-4600 for information about accounting plan requirements, if any, for your application. **Instructions, Page 34.**

1. Is Accounting Plan Required

Accounting Plans are generally required:

- For applications that request authorization to divert large amounts of water from a single point where multiple diversion rates, priority dates, and water rights can also divert from that point;
- For applications for new major water supply reservoirs;
- For applications that amend a water right where an accounting plan is already required, if the amendment would require changes to the accounting plan;
- For applications with complex environmental flow requirements;
- For applications with an alternate source of water where the water is conveyed and diverted; and
- For reuse applications.

2. Accounting Plan Requirements

- a. A **text file** that includes:
 1. an introduction explaining the water rights and what they authorize;
 2. an explanation of the fields in the accounting plan spreadsheet including how they are calculated and the source of the data;
 3. for accounting plans that include multiple priority dates and authorizations, a section that discusses how water is accounted for by priority date and which water is subject to a priority call by whom; and
 4. Should provide a summary of all sources of water.
- b. A **spreadsheet** that includes:
 1. Basic daily data such as diversions, deliveries, compliance with any instream flow requirements, return flows discharged and diverted and reservoir content;
 2. Method for accounting for inflows if needed;
 3. Reporting of all water use from all authorizations, both existing and proposed;
 4. An accounting for all sources of water;
 5. An accounting of water by priority date;
 6. For bed and banks applications, the accounting plan must track the discharged water from the point of delivery to the final point of diversion;
 7. Accounting for conveyance losses;
 8. Evaporation losses if the water will be stored in or transported through a reservoir. Include changes in evaporation losses and a method for measuring reservoir content resulting from the discharge of additional water into the reservoir;
 9. An accounting for spills of other water added to the reservoir; and
 10. Calculation of the amount of drawdown resulting from diversion by junior rights or diversions of other water discharged into and then stored in the reservoir.

WORKSHEET 8.0 CALCULATION OF FEES

This worksheet is for calculating required application fees. Applications are not Administratively Complete until all required fees are received. **Instructions, Page. 34**

1. NEW APPROPRIATION

	Description	Amount (\$)
Filing Fee	Circle fee correlating to the total amount of water* requested for any new appropriation and/or impoundment. Amount should match total on Worksheet 1, Section 1. Enter corresponding fee under Amount (\$) . <u>In Acre-Feet</u> a. Less than 100 \$100.00 b. 100 - 5,000 \$250.00 c. 5,001 - 10,000 \$500.00 d. 10,001 - 250,000 \$1,000.00 e. More than 250,000 \$2,000.00	
Recording Fee		\$25.00
Agriculture Use Fee	<i>Only for those with an Irrigation Use.</i> Multiply 50¢ x _____ Number of acres that will be irrigated with State Water. **	
Use Fee	<i>Required for all Use Types, excluding Irrigation Use.</i> Multiply \$1.00 x _____ Maximum annual diversion of State Water in acre-feet. **	
Recreational Storage Fee	<i>Only for those with Recreational Storage.</i> Multiply \$1.00 x _____ acre-feet of in-place Recreational Use State Water to be stored at normal max operating level.	
Storage Fee	<i>Only for those with Storage, excluding Recreational Storage.</i> Multiply 50¢ x _____ acre-feet of State Water to be stored at normal max operating level.	
Mailed Notice	Cost of mailed notice to all water rights in the basin. Contact Staff to determine the amount (512) 239-4600.	
TOTAL		\$

2. AMENDMENT OR SEVER AND COMBINE

	Description	Amount (\$)
Filing Fee	Amendment: \$100 OR Sever and Combine: \$100 x _____ of water rights to combine	
Recording Fee		\$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
TOTAL INCLUDED		\$

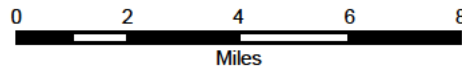
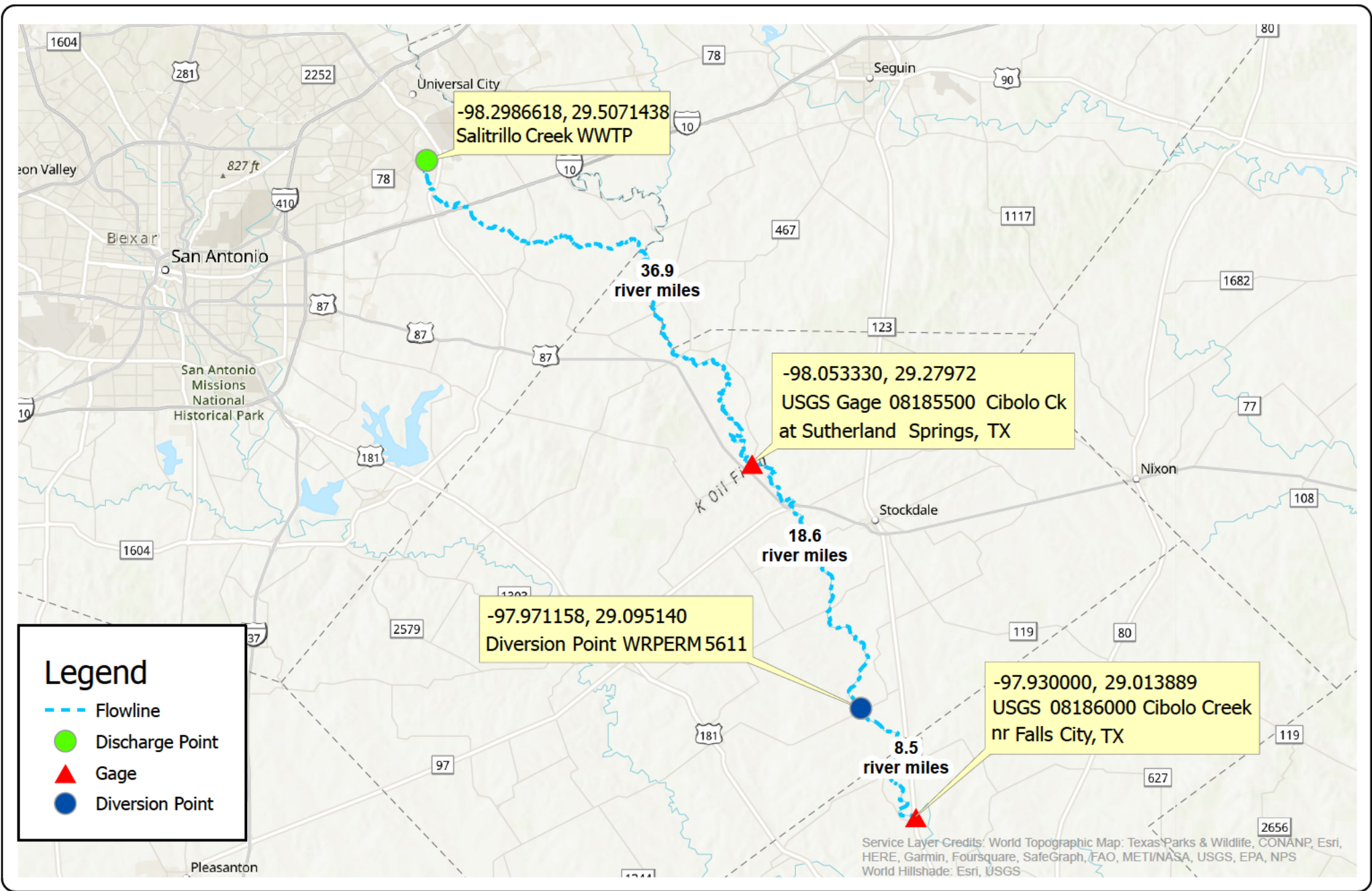
3. BED AND BANKS

	Description	Amount (\$)
Filing Fee		\$100.00
Recording Fee		\$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
TOTAL INCLUDED		\$

SAN ANOTNIO RIVER AUTHORITY'S SALITRILLO CREEK WWTP PERMIT APPLICATION
WORKSHEET 4.0. CARRIAGE LOSS CALCULATION

Total channel loss from the discharge point at the Salitrillo Creek WWTP down to the diversion point upstream of FM 541 was calculated using the control points from the Guadalupe-San Antonio Water Availability Model (WAM). The channel loss from the relevant control points identified in the WAM were added to develop the 34.27% channel loss, those control points and associated losses are identified in the table below. Channel loss for each control point in the WAM uses four decimal places, for consistency with the WAM, 0.3427 is used in cell F12 in the CONTROL tab of the Salitrillo Creek WWTP Account Plan.

Control Point	Downstream Control Point	Channel Loss	Cumulative Channel Loss
522411	117102	0.0226	-
117102	117101	0.0006	0.0232
117101	114801	0.0744	0.0976
114801	114901	0.0054	0.1030
114901	518201	0.0194	0.1224
518201	115001	0.0105	0.1329
115001	115101	0.0046	0.1375
115101	115201	0.0124	0.1499
115201	115301	0.0127	0.1626
115301	115401	0.0116	0.1742
115401	115501	0.0078	0.1820
115501	115601	0.0107	0.1927
115601	115701	0.0105	0.2032
115701	115702	0.0007	0.2039
115702	555901	0.0092	0.2131
555901	115801	0.0019	0.2150
115801	115901	0.0027	0.2177
115901	521801	0.0266	0.2443
521801	521802	0.0008	0.2451
521802	116001	0.0142	0.2593
116001	116101	0.0482	0.3075
116101	116201	0.0154	0.3229
116201	S906	0.0081	0.3310
S906	116302	0.0012	0.3322
116302	561101	0.0105	0.3427



Disclaimer:
The GIS material included with this transmittal is made available as a public service. The maps and/or data are to be used for reference and/or informational purposes only and may not have been prepared for or be suitable for legal, engineering, or surveying purposes. It does not represent an on-the-ground survey and represents only the approximate relative location of property boundaries. The data herein shall be used and relied upon only at the user's sole risk, and the user agrees to indemnify and hold harmless the San Antonio River Authority, its officials and employees from any liability arising out of the use of the data or information provided. If there are any questions about the appropriateness of this data, please email saragis@sara-tx.org.

SAN ANTONIO RIVER AUTHORITY'S CIBOLO CREEK ACCOUNTING PLAN
WRPERM 5611 & SALITRILLO CREEK WWTP PERMIT
August 16, 2023

OVERVIEW and SUMMARY OF AUTHORIZATIONS

The San Antonio River Authority (River Authority) filed a water right application (11.042b) with the Texas Commission on Environmental Quality (TCEQ) requesting authorization to use the bed and banks of Salitrillo, Martinez and Cibolo Creeks to reuse current and future groundwater-based wastewater discharge from the Salitrillo WWTP, located in eastern Bexar County. The River Authority's Salitrillo Creek WWTP is authorized by TPDES WQ0010749-001 and NPDES TX0053074 with a permitted discharge capacity of 7.33 MGD (8,210 acre-feet per year). The application proposes to discharge the treated wastewater at the River Authority's authorized outfall on Salitrillo Creek and divert the flow, less channel losses and adjusted for travel time, from a location on Cibolo Creek approximately 55.5 river miles downstream of the discharge location and use the water for municipal, agricultural, industrial, and environmental purposes. The location where the diversion will be made from Cibolo Creek is in Wilson County and is already authorized to divert water from Cibolo Creek under TCEQ's WRPERM 5611, which the River Authority owns 173 acre-feet of the original 175 acre-feet per year authorization.

ACCOUNTING PLAN OVERVIEW

An Excel spreadsheet has been developed that incorporates all the conditions in the River Authority's existing water right (WRPERM 5611) and the proposed right outlined in this accounting plan for current and future groundwater-based effluent from Salitrillo Creek WWTP. This plan will be used each day to evaluate whether flow in Cibolo Creek is available for diversion by the River Authority under the limitations contained in WRPERM #5611 and to record the diversion of groundwater-based discharge from Salitrillo Creek WWTP after travel time and channel losses are considered. After the accounting plan is updated each day, the plan quantifies how much water, if any, is available for diversion by the River Authority under both authorizations. Note that basis for channel losses and travel time estimates used in this plan are addressed in **Attachment 1**.

NARATIVE EXPLANATION OF EACH WORKSHEET IN THE ACCOUNTING PLAN

There are six worksheets (referred to herein as tabs) in the accounting plan, each of which are summarized in the order they appear in the Excel workbook that represents the accounting plan:

1 - INSTRUCTIONS

Provides a detailed description of the precise steps required to set up the accounting plan for the calendar year, download USGS flows, and how to input data into and read the accounting plan results after all information is input and calculated. No user interaction is required for this tab.

2 - EFLO REQ

Provides a detailed table for entering the information related to the environmental flow requirements specified in WRPERM #5611. These requirements are associated with USGS gaging station number 08186000 Cibolo Ck nr Falls City, TX, approximately 8.5 river miles downstream of the diversion point, and provide for specific flow bypass requirements that are specified as special conditions in WRPERM #5611. No user interaction is required for this tab.

3 - CONTROL

Provides a place for the user to enter various parameters that control (1) the calendar year the accounting plan is being evaluated for, (2) the annual authorized amount and maximum diversion rate that is specified in WRPERM #5611, and (3) the channel losses associated with the conveyance of groundwater-based effluent from the discharge location to the diversion location. Note that travel time was estimated to be 1.5 days for the 55.5 river mile reach and that this information was rounded to 1 day, for the purposes used in the accounting plan, and is adjusted for in the structure of the daily accounting process described under item #5. Other than specifying the calendar year the accounting plan is being used for, the other information in this tab is generally fixed, thus no user interaction is required after the calendar year is set in cell F4.

4 - CIBOLO FLOW-Falls City

Daily mean flow for the USGS gaging station Cibolo Ck nr Falls City, TX (08186000) is extracted from USGS's website. The step-by-step process is explained in the INSTRUCTIONS tab, and essentially requires the user to obtain the daily mean flow for this gage and paste it into this tab in Cell E1, with the results automatically extracted and populated into the DAILY ACCOUNTING tab described under item #5.

5- DAILY ACCOUNTING

This tab uses 22 columns to make all necessary calculations to determine whether water is available for SARA under WRPERM #5611 or this pending permit. In addition, this tab records the hand entered diversion by SARA staff, in response to the calculation of available flow, for each day of a calendar year. Columns 1 & 2 have to do with the date, columns 3 through 12 pertain to accounting calculations for Permit 5611, and columns 13 through 22 pertain to accounting calculations for this pending permit. Note that there are only four columns that require interaction by the user (columns 7, 10, 13, and 20 which are described below and shaded yellow in the accounting plan) with all other needed information being calculated by the accounting process logic. The following describes each column in this worksheet:

Column 1 – Date Code: A subset of Column 2, used to summarize results in SUMMARY tab.

Column 2 – Date: Beginning with January 1 of the calendar year preceding the year set in CONTROL tab, the next 739 days are populated as the workspace for the accounting plan.

Column 3 – Cibolo Creek Flow; Falls City Gage (Observed): Each day is populated with the daily mean flow from the CIBOLO FLOW-Falls City tab. Note that if the USGS flow for a day is blank from USGS, the flow for the previous day is assumed to be valid for the missing day.

Column 4 – Estimated Flow at Gage (Observed Flow from Previous Day): Each day is populated with the daily mean flow from column 3 that was observed 1 day previous. This is because USGS's observed flow is not available on the day the accounting process needs to be operated; therefore, the flow observed on the previous day is used as the estimated flow for the current day.

Column 5 – Eflow Req. at Falls City (P5611 Only): Each day is populated with the applicable flow requirement, based on information specified in the EFLOW REQ tab for Permit 5611.

Column 6 – Amount Available Above Eflow Req: Each day is populated with the quantity of flow at the Cibolo Creek Falls City gage that exceeds the eflow requirement in Column 5.

Column 7 – DUGI Plans to Divert Under WRPERM 5611: Because both owners of this water right share the same diversion rate, if the other owner (Dugi) plans to divert on the day the accounting plan is to be evaluated, the user types “Y” in this column, which sets SARA’s amount available to zero in Column 8.

Column 8 – Amount Available for Diversion After All Limits Applied: The maximum amount available for diversion by SARA after all appropriate limits are applied, in units of cfs, which is limited to the following:

- Column 6 (Amount Available Above Eflow Req).
- Maximum Diversion Rate (cell F8 in Control Tab).
- Column 11 (Amount Remaining Under Permit 5611) for the previous day.
- Zero if Column 7 contains “Y”.

Column 9 – Amount Available for Diversion After All Limits Applied: The amount that is computed in column 8 is converted into units of acre-feet.

Column 10 - Amount Diverted by SARA: The user reviews the result of column 9 (Amount Available for Diversion After All Limits Applied) and enters the quantity of water, in acre-feet, that will be diverted today, not to exceed the quantity reported in column 9.

Column 11 – Calendar Year Div. to Date WRPERM 5611 (SARA): When a diversion is recorded in Column 10, this amount is added to the previous days cumulation.

Column 12 – Amount Remaining Under WRPERM 5611 (SARA): This column reports the annual amount authorized under WRPERM# 5611, less the amount in column 11.

.....

Column 13 – GW Based Discharge into Martinez Creek by SARA: The user enters the quantity of groundwater-based effluent that is discharged from Martinez WWTP #4 into the cell that corresponds to the date the discharge was made from the WWTP in units of MGD.

Column 14 – GW Based Discharge into Martinez Creek by SARA: The quantity of groundwater-based effluent that was entered into column 13 is converted into units of cfs.

Column 15 – SARA Disch. at Div. Pt. Adjusted for 1 day Travel Time: The quantity computed in column 14 is populated to the next day, to represent the travel time of 1 day, from the WWTP to SAWS’s diversion location.

Column 16 – Channel Loss on Transport: The channel loss factor from Control tab cell F12 is applied to the lagged discharge quantity computed in column 15.

Column 17 – SARA Disch. Available at SARA Diversion point: The quantity computed in column 15, after being reduced for the quantity computed in column 16.

Column 18 – Amount Available for Diversion After All Limits Applied: The maximum amount available for diversion by SARA, which is limited to the following:

- Column 17 (SARA Disch. Available at SARA Diversion point).

- Maximum Diversion Rate (cell F11 in Control Tab).
- Column 22 (Amount Remaining Under Permit 13515) for the previous day.

Columns 18 & 19 – Amount Available for Diversion After All Limits Applied: The amount computed in column 18 is converted into units of acre-feet in column 19.

Column 20 - Amount Diverted: The user reviews the result of column 19 (Amount Available for Diversion After All Limits Applied) and enters the quantity of water, in acre-feet, that will be diverted today, not to exceed the quantity reported in column 19.

Column 21 – Calendar Year Div. to Date SALITRILLO Permit: When a diversion is recorded in Column 20, this amount is added to the previous days cumulation.

Column 22 – Amount Remaining Under SALITRILLO Permit: This column reports the annual amount authorized under WRPERM# 13515, less the amount in column 21.

6 - SUMMARY

Provides a monthly and annual summary for the calendar year being accounted for in the DAILY ACCOUNTING tab. Information on this tab summarizes the various pertinent daily quantities into monthly and annual quantities in units of acre-feet including the total flow measured at the Cibolo Creek near Falls City Gage. When a calendar year is complete, information from this tab can also be used to assist in the filing of reported water use for WRPERM# 5611 and WRPERM# 13515. No user interaction is required for this tab.

SAN ANTONIO RIVER AUTHORITY

CHAPTER 276, PAGE 556,

ACTS OF THE 45TH LEGISLATURE, 1937,

AND AS SUBSEQUENTLY AMENDED

FOREWORD

The organic act of the SAN ANTONIO RIVER AUTHORITY was enacted in 1937 by the 45th Legislature, H. B. No. 726, Chapter 276, Page 556. This Act has been subsequently added to and amended by the following laws: Spec. L., Page 1083, 46th Legislature (1939); Chapter 60, Page 82, 53rd Legislature (1953); Chapter 37, Page 1469, 55th Legislature (1957); Chapter 37, Page 78, 56th Legislature (1959); Chapter 233, Page 466, 57th Legislature (1961); Chapter 836, Page 2488, 61st Legislature (1969); Chapter 301, Page 776; Chapter 604, Page 1893, 64th Legislature (1975); Chapter 60, Page 123, 67th Legislature (1981); Chapter 701, Page 5139, 70th Legislature (1987); Chapter 1148 s 15, Page 3866, 84th Legislature (2015); and H. B. 1535, 88th Legislature (2023).

The statute has been before the appellate courts in *San Antonio River Authority v. Sheppard*, 157 Tex. 63, 299, S. W. 2d 920 (1957); *City of San Antonio v. Trease*, 243 S. W. 2d 187, err. ref. (1951); *San Antonio River Authority v. Lewis*, 343 S. W. 2d 475; aff. 363 S. W. 2d 444 (1962); and *San Antonio River Authority v. Hunt*, 405 S. W. 2d 700, ref. n.r.e. (1966).

Revised: February 1, 1990

Reprinted: January 5, 2001

Revised: April 11, 2017

Revised: August 3, 2023

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SAN ANTONIO RIVER AUTHORITY

Section 1. Definitions. The words and phrases used in this Act shall, unless the same be inconsistent with the context, be construed as follows:

- (a) 'District' shall mean the San Antonio River Authority.
- (b) 'Section 59' shall mean Section 59 of Article 16 of the Constitution of Texas, as the same now provides.

Repealed, H. B. 1535, 88th Legislature.

- (c) 'Board' or 'Directors' shall be understood to mean the Board of Directors of this District, or the members thereof in their official capacity.
- (d) 'Federal' shall mean or relate to the Government of the United States of America, and/or its functions or subsidiary agencies.
- (e) 'State' shall mean or relate to the Government of the State of Texas, and/or such of its functions and agencies as are appropriate to accomplish the objects of this Act.
- (f) 'Persons' means and includes an individual, partnership, association, corporation, business trust, legal representative, or receiver or any organized group of persons.
- (g) 'Professional services' shall mean those services rendered, either individually or by firms, by accountants, attorneys, engineers, surveyors, geologists, physicians, surgeons, laboratory technicians, bond brokers, fiscal advisers, appraisers, statisticians, researchers and by such other vocations, callings, occupations or employments involving labor, skill, education, special knowledge and compensation or profit, but the labor and skill involved therein being predominantly mental or intellectual rather than physical or manual. Amended, H. B. 83, 57th Legislature.
- (h) 'Flood Plain' shall mean the area of the channel of a river or stream and those portions of land abutting and adjacent to such channel which are reasonably required to carry floodwaters. Added, S. B. 704, 61st Legislature.
- (i) 'San Antonio River Basin' shall mean all of the area except Bandera, Real and Kerr Counties which has topographic characteristics causing surface

waters to flow into the San Antonio River and its tributaries. Added, S. B.704, 61st Legislature.

Section 1-a. APPLICATION OF SUNSET ACT.

- (a) The District is subject to review under Chapter 325, Government Code (Texas Sunset Act), but may not be abolished under that chapter. The review shall be conducted under Section 325.025, Government Code, as if the District were a state agency scheduled to be abolished September 1, 2035, and every 12th year after that year. Amended, H. B. 1535, 88th Legislature.
- (b) The District shall pay the cost incurred by the Sunset Advisory Commission in performing the review. The Sunset Advisory Commission shall determine the cost, and the District shall pay the amount promptly on receipt of a statement from the Sunset Advisory Commission detailing the cost. Amended, S.B. 523, 84th Legislature.

Section 2. District Created. Under the authority of, and in pursuance with the policy of, Section 59 of Article 16, of the Constitution of Texas, there is hereby created within the State of Texas, in addition to the Districts into which the State has heretofore been divided, a Conservation and Reclamation District to be known as ‘San Antonio River Authority’ (hereinafter called the ‘District’), which is hereby declared to be a governmental agency, a municipality, body politic and corporate, vested with all the authority and full sovereignty of the State, in behalf of the State, insofar as intended by this Act, and with the authority to exercise the powers, rights, privileges and functions hereinafter specified. The creation of such District is hereby determined to be essential to the accomplishment of the purposes of Section 59 of Article 16 of the Constitution of the State of Texas, including but not limited to the construction, maintenance and operation of navigable canals or waterways, hereinafter authorized, and the control of the waters of those parts of all rivers, streams and tributaries thereof which are within the boundaries of the District as hereinafter defined. Amended, H. B. 83, 57th Legislature.

Section 2-a. Boundaries of the District. The District shall include all of that part of the State of Texas within the boundaries of the Counties of Bexar, Wilson, Karnes and Goliad.

It is hereby found and determined that all of the land included in the District will be benefited by the exercise of the power conferred by this Act. Added, H. B. 83, 57th Legislature.

Section 3. POWERS OF THE DISTRICT. The District is hereby invested with all of the powers of the State of Texas under Article 16, Section 59, of the Constitution of the State of Texas to effectuate the construction, maintenance and operation of navigable canals or waterways, to effectuate flood control, to effectuate the conservation and use, for all beneficial purposes, of ground, storm, flood and unappropriated flow waters in the District, to effectuate irrigation, to effectuate soil conservation, to effectuate sewage treatment, to effectuate pollution prevention, to encourage and develop parks, recreational facilities and to preserve fish, to effectuate forestation and reforestation, and to do all things as are required therefor, subject only to: (i) declarations of policy by the Legislature of the State of Texas as to the use of water; (ii) continuing supervision and control by the State Board of Water Engineers and any board or agency which may thereafter succeed to its duties; (iii) the provisions of Section 4, page 212, Acts of the Thirty-fifth Legislature, 1917, as subsequently amended (codified under Article 7471, Vernon’s Civil Statutes of the State of Texas), prescribing the priorities of uses for water; and (iv) the rights heretofore or hereafter

legally acquired in water by municipalities and other users. Subject to the foregoing, it shall be the duty of the District to exercise for the greatest practicable measure of the conservation and beneficial utilization of all ground, storm, flood and unappropriated flow waters of the District, in the manner and for the particular purposes specified hereinafter in this Section 3 and elsewhere in this Act the following powers, rights, privileges and functions, to wit: Amended, H. B. 1535, 88th Legislature.

(a) Navigation:

(1) To promote, construct, maintain and operate, and/or to make practicable, promote, aid and encourage, the construction, maintenance and operation of navigable canals or waterways and all navigational systems or facilities auxiliary thereto using the natural bed and banks of the San Antonio River to its junction with the Guadalupe River where practicable and thence traversing such route as may be found by the District to be most feasible and practicable to connect with the Intracoastal Canal and/or with any new canal to be constructed and/or with any harbor at or near San Antonio Bay or the Gulf of Mexico, and also using such new correlated artificial waterways, together with all locks and other works, structures and artificial facilities as may be necessary and convenient for the construction, maintenance and operation of said navigable canals or waterways and all navigational systems or facilities auxiliary thereto. The District is empowered to construct, or cause to be constructed, said system of artificial waterways, canals, locks, works and other facilities so as to connect the watershed area of the San Antonio River, including navigation to or at a point near the City of San Antonio, with the Intracoastal Canal and/or with any new canal to be constructed and/or with any harbor at or near San Antonio Bay or the Gulf of Mexico;

(2) To control, develop, store and use the natural flow and floodwaters of the San Antonio River and its tributaries for the purpose of operating and maintaining said navigable canals or waterways and all navigational systems or facilities auxiliary thereto, provided, however, that such navigational use shall be subordinate to consumptive use of water, and navigation shall be incidental thereto;

(3) In the case of the construction of said navigable canals or waterways and all navigational systems or facilities auxiliary thereto by the Federal Government or otherwise, the District shall have the power to construct, maintain and operate lateral connecting canals and turning basins to serve local needs, and shall also have the power to provide, construct, acquire, purchase, take over, lease from others, lease to others, and to maintain and operate, develop, regulate and/or by franchise control wharves, docks, warehouses, grain elevators, bunkering facilities, belt or terminal railroads, floating plants, lighterage, towing facilities, and all other facilities incident to or in aid of the efficient operation and development of said canals or waterways and all navigational systems or facilities auxiliary thereto, and any ports incident thereto, whether the same be upon land or upon water;

(4) In the event the construction and/or maintenance and operation of said

navigable canals or waterways and all navigational systems or facilities auxiliary thereto is taken over by the Federal Government or any agency of the Federal Government, then and in such event the District shall be fully authorized to make and enter into any such contracts as may be lawfully required by the Federal Government, including such assignments and transfers of property and rights of property and easements and privileges and any and all other lawful things and acts may be necessary and required in order to meet the requirements of the Federal Government or any agency of the Federal Government in taking over the construction and/or maintenance and operation of said navigable canals or waterways and all navigational systems or facilities auxiliary thereto;

(5) The District may grant a franchise or right to any person or body politic or corporate for the use of said navigable canals or waterways and all navigational systems or facilities auxiliary thereto or any facility thereof in aiding navigation and no person or body politic or corporate may provide, maintain or operate any facility of aid of navigation in any way connected with said navigable canals or waterways and all navigational systems or facilities auxiliary thereto and intended for use by the public within the meaning and intent of this Act, except by and under the franchise granted by this District, in the form of an ordinance as provided by this Act, which franchise may be for any term not to exceed fifty (50) years. Such ordinance granting franchise may contain provisions for the payment of reasonable fees, and/or other charges to be paid to the District, and shall contain provisions adequate to regulate the fees, tolls, rates or exactions to be demanded for the use of, or service to be rendered by any means or facility to be provided or operated under any such franchise, to the end that the same will be uniform, reasonable, and without discrimination against any person, both as to charges and the conditions of use or service, and such ordinance shall contain all provisions reasonably required to procure service adequate to serve the public necessity and convenience. The District may grant a franchise for the design, construction, repair, enlargement, alteration, maintenance, operation of, and service from, or use of any facility to be provided for use in aid of navigation on said navigable canals or water ways and all navigational systems or facilities auxiliary thereto, whether upon land, or in or upon water. The right hereby granted shall include the right to require uniform and adequate analytic accounting systems and forms, periodic verified reports based thereon, and the right of audit by the District, and other reasonable regulations designed to protect the public. In order to procure observance of the conditions of a franchise granted hereunder, and/or compliance with the rules and regulations established by ordinance of the District (to be adopted and promulgated as elsewhere is provided in this Act) hereunder, such ordinance may provide reasonable and commensurate penalties as provided by Section 49.004, Water Code. The forfeiture or suspension of a franchise granted under this Act, where not otherwise provided in any such franchise, may be only because of discrimination in rendering service, affording use, or in taking or demanding a toll, rate or charge. Forfeiture or suspension of a franchise granted hereunder, unless otherwise provided therein, shall be upon a decree of a District Court within the County in which this District may

maintain its general office. The District may likewise by ordinance establish rules necessary or designed to protect the physical property owned by it, or physical property owned or operated by another under a franchise hereunder granted, and/or to effect the safety or efficient use of the same, and in such ordinance may provide reasonable and commensurate penalties for the violation thereof, as provided by Section 49.004, Water Code; Amended, H. B. 1535, 88th Legislature.

(b) Flood Control and Flood Plain Management.

To prevent and aid in the prevention of damage to persons and property by the overflow of any and all rivers, streams or tributaries thereof within the District including the study and designation of flood plains and the regulation thereof;

(c) Water Conservation, Storage, Procurement, Distribution and Supply:

(1) To store and conserve to the greatest beneficial use the storm, flood and unappropriated flow waters of any and all rivers, streams or the tributaries thereof within the District, so as to prevent the escape of any water without maximum beneficial use either within or without the District;

(2) For the conservation of water for uses either within or without the District, including providing water supply for cities and towns, and the right to sell water and stand-by service to any person, firm, or corporation, including cities and towns and other public agencies within or without the District; provided that it is the intent of this Act to establish a District that is concerned primarily with the conservation, control, storage, distribution and sale of water in bulk quantities in the public interest and only incidentally with the retail sale of water insofar as it does not compete with municipal water distributors and then only when necessary or convenient as a service to the public;

(3) To acquire water appropriation permits either within or without the District directly from the State Board of Water Engineers or to purchase or otherwise acquire such permits or certified filings either within or without the District from the owners thereof;

(4) To purchase water, water supply facilities on conservation storage capacity either within or without the District from any person, firm, corporation, State agency or other public agency, or from the United States or its agencies;

(5) To execute water supply contracts with users of water within or without the District. Included in the services for which the District may contract, and for which it may make charges, is that of standby service as well as for the actual delivery of water;

(6) To provide water for the development of commercial and industrial enterprises within or without the District;

- (7) To bring water into the boundaries of the District;
- (8) To construct, acquire, equip, to acquire storage rights at, and operate and maintain dams and reservoirs, either within or without the District, had in carrying out the powers conferred upon the District, or to exercise such powers in conjunction with others;
- (9) To construct, operate and maintain or otherwise provide water supply lines, water purification and water pumping systems and facilities either within or without the District; Amended, H. B. 1535, 88th Legislature.
- (10) Power to execute contracts with municipalities and others involving the construction of reservoirs, dams, water supply lines, water purification and pumping facilities, and the furnishing of water supply service substantially in the manner prescribed by Chapter 342, Acts of the Regular Session of the Fifty-first Legislature, for Districts organized and created pursuant to Article 16, Section 59, of the Constitution, extended so as to permit such contracts with individuals, partnerships, and all classes of corporations, and to permit the inclusion of provisions for the operation, maintenance and ownership of such properties, but the powers granted the District in this Subsection are not to be considered a limitation on the powers, rights, privileges and functions otherwise granted herein;
- (11) To acquire from the United States Government, through the Secretary of the Army or the Secretary of the Interior or any other of its officials authorized to make such contracts, or from the State of Texas or any agency thereof, or from any privately financed reservoirs, unsold conservation storage capacity at any dam within or without the District now constructed or to be constructed either by or with the assistance of the United States Government or the State of Texas, or by both. It may acquire additional conservation storage capacity which may be provided at any such dam;

(d) Irrigation:

To provide water for irrigation of lands within and without the District, and incident thereto, to construct, operate and maintain supply lines and pumping systems and facilities either within or without the District;

(e) Soil Conservation:

For the conservation of soils and other surface resources within the District against destructive erosion, thereby preventing the increased flood menace incident thereto, and for the prevention of sedimentation and siltation of lands, channels and reservoirs, including the right either to act as local sponsoring agent of upstream soil and water conservation and flood prevention projects authorized by State or Federal Agencies in conjunction with Soil Conservation Districts or to aid and supplement the work of such upstream soil and water conservation and flood prevention projects, all in furtherance of the purposes of

the District as provided by this Act. In connection therewith, the District is authorized to make arrangements satisfactory to the Secretary of Agriculture of the United States for defraying costs of operating and maintaining such projects, in accordance with regulations presented by the Secretary of Agriculture; provided, however, that any portion of the total construction cost of any such project which is allocable to flood control and/or soil conservation shall be paid for or financed by funds which have their source in the county in which each particular project is situated and which funds may be of any kind or character, except taxes collected in accordance with the provisions of Sections 15-a and 15-b of this Act; Amended, H. B. 1535, 88th Legislature.

(f) Sewage Treatment and Solid Waste Disposal.

As a necessary aid to the conservation, control, preservation, purification and distribution of surface and ground waters within the District, the District shall have the power to construct, own, operate, maintain or otherwise provide, within the San Antonio River Basin, sewage gathering, treatment and/or disposal services, including solid waste disposal services, to charge for such services, and to make contracts in reference thereto with counties, municipalities and others. Provided, however, that the District shall not exercise the powers hereinabove granted by this Section 3(f) within the boundaries of Kerr, Real, or Bandera Counties unless the Commissioners Court of such county or counties shall first have consented by a majority vote thereof to the exercise of such power within such county or counties;

(g) Pollution Prevention.

To provide for the study, correcting and control of both artificial and natural pollution including organic, inorganic and thermal, of all ground or surface water within the San Antonio River Basin. In this connection, the District is given the power by ordinance to promulgate rules and regulations with regard to such pollution, both artificial and natural, with the right of policing by said District to enforce such rules and regulations and of providing reasonable and commensurate penalties for the violation of any rules and regulations, as provided by Section 49.004, Water Code. Provided, however, that no ordinance enacted pursuant to the powers hereinabove given the District by this Section 3(g) shall be promulgated in any county or counties outside the existing boundaries of the District; Amended, H. B. 1535, 88th Legislature.

(h) Parks, Recreational Facilities and Preservation of Fish:

For the encouragement and development of parks, recreational facilities and the preservation of fish, the District shall have the power to acquire additional land adjoining any permanent work of improvement constructed within the District for the purpose of developing parks, or recreational facilities. The District may negotiate contracts with any county, municipality, municipal corporation, person, firm, corporation, non-profit organization, or State or Federal agency for the operation and/or maintenance of any such park, or recreational facility. The preservation of fish shall be in accordance with rules and regulations, if any, prescribed by the Game and Fish Commission of the State of Texas;

(i) Forestation and Reforestation:

To forest and reforest and to aid in foresting and reforesting of all areas within the District;

(j) Contractual:

To make contracts and to execute instruments necessary or convenient to the exercise of the powers, rights, privileges and functions conferred upon it by this Act, with the United States, its agencies, counties, cities, all municipal corporations, political subdivisions and districts, and with private persons, partnerships, associations, nonprofit organizations, and corporations. The District shall make and execute such contracts and instruments in accordance with the following procedures: Amended, H. B. 1535, 88th Legislature.

(1) Concerning any wholesale contract for the sale, purchase, procurement, distribution and/or supply of water or conservation storage capacity, or for the construction of a navigable canal or waterway, or any contract authorized by Section 1, Chapter 84, page 140, Acts of the 52nd Legislature, 1951, as subsequently amended (codified under Article 7048b, Vernon's Civil Statutes of Texas), the Manager shall cause a notice describing the general nature of such contract to be published once each week for two (2) consecutive weeks in a newspaper of general circulation in each county in the District within which such contract is to have effect. Such contract may be considered and acted upon at the regular meeting of the Board next following the last date of publication or, without further notice, at any meeting thereafter. The affirmative vote of a majority of the membership of the Board shall be required for the approval of confirmation or ratification of any such contract. The District may use any such contract as the sole basis, or as a supplement to the basis, for securing its bonds; Amended, H. B. 1535, 88th Legislature.

(2) Concerning any construction, maintenance, operation or repair contract, contract for the purchase of material, equipment or supplies or any contract for services, not including any purchase, procurement, or contract described by Section 49.278, Water Code, if the contract will require an estimated expenditure of more than the maximum amount for which competitive bidding is required by Chapter 49, Water Code, the Board shall award such contract to the lowest and best bidder after publication of a notice to bidders once each week for two (2) consecutive weeks. The Board by bylaw shall promulgate the procedures for the publication of notice to bidders and related procedures and may, within the limitations set forth in this section, from time to time prescribe the amount of estimated expenditures to be subjected to competitive bidding. In the event of an emergency, the authority may let such contracts as are necessary to protect and preserve the public health and welfare or the properties of the authority, without such bidding procedures. Members of the Board of Directors shall be ineligible to submit such bids. Any provision of this Subsection to the contrary notwithstanding, the District may purchase surplus property from the United States by negotiated contract and without the necessity of advertising for bids. Notwithstanding any other provision of this Act, the District may use any procurement method under Chapter 49, Water Code, or other applicable general law. Amended, H. B. 1535, 88th Legislature.

(k) General:

(1) This District hereby is vested with such title and right of control as the State has, or may have, in, to and concerning the natural bed and banks of the San Antonio River in its entire length, and all of its tributaries as are within the District, as said District is defined in Section 2-a of this Act, and the District hereby is further vested with such title and right of control as the State has, or may have, in, to and concerning the natural bed and banks of any other navigable stream or tributary thereof as may be situated within the District, as said District is defined in Section 2-a of this Act; which investment, however, shall be in trust, and to authorize said District to make such uses, and/or disposition of such lands and rights (and the proceeds, income, revenues, or trading values thereof) as in actual experience may prove to be reasonably required for, or in aid of, the accomplishment of the purposes of this Act;

(2) To make preliminary investigations and surveys in the manner and for the purposes specified in Chapters 49 and 51, Water Code, and any other applicable general law (either independently at its own cost, or jointly with others, or to contribute to the cost thereof when done by another), whereby to procure cooperation by the Government of the United States of America, to the end that any project lawfully within the purposes of this Act may be approved for construction as a Federal project under such contractual terms and conditions as may be demanded by the Federal Congress; Amended, H. B. 1535, 88th Legislature.

- (3) To expend all sums reasonably deemed to be necessary or expedient for seeking cooperation in accomplishing the objects of this Act from the Federal Government, and/or any and all other persons, creatures, or entities, whether natural, or creatures of law or contract;
- (4) Subject to the provisions of this Act from time to time to sell or otherwise dispose of any property of any kind, real, personal, or mixed, or any interest therein, which shall not be necessary to the carrying on of the business of the District;
- (5) To overflow and inundate any public lands and public property and to require the relocation of roads and highways in manner and to the extent permitted to districts organized under General Laws pursuant to Section 59 of Article 16 of the Constitution of the State of Texas. In the event that the District, in the exercise of the power of eminent domain or power of relocation, or any other power granted hereunder, makes necessary the relocation, raising, rerouting or changing the grade of, or altering the construction of any railroad, or street railway, all such necessary relocation, raising, rerouting, changing of grade or alteration of construction shall be accomplished at the sole expense of the District;
- (6) To construct, extend, improve, maintain and reconstruct, to cause to be constructed, extended, improved, maintained, and reconstructed, and to use and operate, any and all facilities of any kind necessary or convenient to the exercise of such powers, rights, privileges, and functions;
- (7) To sue and to be sued in its corporate name;
- (8) To adopt, use, and alter a corporate seal;
- (9) To adopt and to amend its bylaws for the management of its affairs;
- (10) To appoint officers, agents, employees and professional consultants, none of whom shall have any interest, direct or indirect, in any contracts awarded by the District;
- (11) To prescribe the duties and fix the compensation of all officers, agents, employees and professional consultants;
- (12) To acquire by purchase, lease, gift, or in any other lawful manner and to maintain, use, and operate any and all property of any kind, real, personal or mixed, or any interest therein, within and without the boundaries of the District, necessary or convenient to the exercise of the powers, rights, privileges and functions conferred upon it by this Act, in the manner provided by general law with respect to condemnation or, at the option of the District, in the manner provided by the statutes

relative to condemnation by Districts organized under general law pursuant to Section 59 of Article 16 of the Constitution of the State of Texas;

(13) Amended, H. B. 1535, 88th Legislature.

To borrow money for its corporate purposes and to execute proper notes or other evidences of indebtedness, and without limitation of the generality of the foregoing, to borrow money and accept grants from the United States of America, and in connection with any such loan or grant, to enter into such agreements as the United States of America or such corporation or agency may require; and to make and issue its negotiable bonds for moneys borrowed in the manner and to the extent provided in Section 16. Nothing in this Act shall authorize the issuance of any bonds, notes, or other evidences of indebtedness of the District, except as specifically provided in this Act, and no issuance of bonds, notes, or other evidences of indebtedness, except as specifically provided in this Act, shall ever be authorized except by an Act of the Legislature;

(14) To obtain loans from and accept grants from the United States and its agencies, and from the State of Texas, and its agencies, and it shall have the right to participate in and be the beneficiary of any plan which may be evolved by the State or Federal Government for guaranteeing or otherwise subsidizing the obligations of the District;

(15) The District shall have the power to adopt and promulgate by ordinance all reasonable rules and regulations for purposes elsewhere provided in this Act and generally to secure and protect any and all of its property and any and all of its works of improvement, and to regulate residence, hunting, fishing, boating and camping, and all recreational and business privileges on any navigable river of the District, or any reservoir of the District, or upon any land owned by the District. The District may prescribe reasonable and commensurate penalties for the violation of any and all such rules and regulations of the District, as provided by Section 49.004, Water Code. No rule or regulation which provides a penalty for the violation thereof shall be in effect, as to enforcement of the penalty, until five (5) days next after the District may have caused a substantive statement of the particular rule or regulation and the penalty for the violation thereof to be published once a week for two (2) consecutive weeks in a newspaper of general circulation in each county in which it is to be effective. The substantive statement so to be published shall be as condensed as is possible to afford an intelligent direction of the mind to the act forbidden by the rule or regulation; one (1) notice may embrace any number of regulations; there must be embraced in the notice advice that breach of the particular regulation, or regulations, will subject the violator to the infliction of a penalty and there also shall be included in the notice advice that the full text of the regulations sought to be enforced is on file in the principal office of the

District, where the same may be read by any interested person. Five (5) days after the second publication of the notice hereby required, the advertised regulation shall be in effect, and ignorance of any such regulation shall not constitute a defense to a prosecution for the enforcement of a penalty and, the rules and regulations authorized hereby, after the required publication, shall judicially be known to the courts. Section 49.004, Water Code, governs costs incurred by the District before the court in any suit by the District to enforce its rules or regulations; Amended, H. B. 1535, 88th Legislature.

(16) To designate an official newspaper of the District in each county in the District, each of which newspapers shall be a newspaper having general circulation in the county in which it is situated;

(17) To acquire such rights-of-way as are necessary to construct, operate and maintain such roads as are necessary for ingress and egress to any work of improvement or to any park, recreational facility, or fish or wildlife preserve or reserve;

(18) To grant concessions and franchises upon the premises of any works of improvement or any park, recreational facility or fish or wildlife preserve or reserve to any person or corporation;

(19) When germane to the accomplishment and the purposes of this Act, and not otherwise adequately provided by Chapter 49 or 51, Water Code, or provided elsewhere in this Act, the Directors of the District shall have the power to adopt and promulgate ordinances, which may be done by a majority of the membership of the Board. No notice shall be required before the passage of such ordinance, except such notices of special or regular meetings of the Board as may be provided elsewhere in this Act. After having adopted such ordinances, the Directors shall cause the same to be filed and recorded in the official records of the Authority. The Directors may, if they deem necessary and proper, in addition to filing and recording same in the official records of the Authority, either caused certified copies of same to be forthwith filed of record in the office of the County Clerk of each county situated in whole or in part within the District within which such ordinance is intended to have application and/or to be published once or more each week for two (2) or more consecutive weeks in a newspaper or newspapers of general circulation in each county within the District within which ordinance is intended to have application, following either or all of which methods of recording and/or publication the ordinance shall be in full force and effect; and thereafter all courts and persons shall be held to have knowledge thereof, just as though the same had been embraced in the body of this Act and the County Clerk in any county is authorized and directed to file and record all certified copies of such county and to charge therefor the same fees as is provided for recording deeds of conveyance. And the powers of said District to adopt ordinances shall include, among other

things as follows: in any case in which Chapters 49 and 51, Water Code, do not provide a specific power or right germane to, or appropriate, or adequate to accomplish an object of this Act, and such specific power has been, or hereafter may, conferred by law on Counties, Cities, Water Improvement Districts, Water Control and Improvement Districts, Drainage Districts, Navigation Districts, Canal Corporations, Channel and Dock Corporations, Deep Water Corporations, Railway Corporations, Terminal Railway Corporations, Telegraph and Telephone Corporations, or other like creatures of the law, then to the extent required to make adequate hereto the powers and rights of this District, it may by ordinance adopt and have as part of the law of its being so much of the power and right of any of the herein designated creatures of the law as will enable it effectively to accomplish that purpose of this Act. The adoption of a power or mode of procedure hereunder shall not be held to include any incidental limitation which would impede the lawful accomplishment of the purposes of this Act. As to this, there shall be no limit hereof save such as would violate the provisions of the Constitution of the United States and the State of Texas concerning the rights of others; Amended, H. B. 1535, 88th Legislature.

(20) This District shall have all such powers and rights, and regulations for government and procedure, as are contained in Chapters 49 and 51, Water Code, and any other applicable general law, which shall be cumulative of those provided by this Act, and those rules for procedure which may be provided by ordinances adopted by the District under other provisions of this Act. Amended and added to, H. B. 83, 57th Legislature; S. B. 704, 61st Legislature; S. B. 741, 67th Legislature; and H. B. 1535, 88th Legislature.

Section 4. Repealed, H. B. 83, 57th Legislature.

Section 4-a. Repealed, H. B. 1535, 88th Legislature.

Section 5. PARTNERSHIP WITH NONPROFIT ORGANIZATION.

- (a) In this section, “affiliated nonprofit organization” means a nonprofit organization:
- (1) created by the District; or
 - (2) for which the District, the Board, or the District's employees have a right to appoint one or more of the members of the governing body of the nonprofit organization.
- (b) The District may contract or otherwise coordinate with a nonprofit organization, including an affiliated nonprofit organization, to accomplish the purposes of the District.
- (c) Members of the Board may not constitute a majority of the board of directors or other governing body of an affiliated nonprofit organization. Employees of the District may not serve on the board of directors or other governing body of an affiliated nonprofit organization.
- (d) The Board shall develop a policy regarding fund-raising activities of any nonprofit organizations that enter into a partnership with the District. The policy must:
- (1) include acceptable and prohibited fund-raising activities;
 - (2) specify how fund-raising is conducted and supervised; and

- (3) include criteria for seeking and selecting corporate sponsors to ensure that sponsorships serve the public interest and are consistent with the purposes of the District.

(e) A memorandum of understanding between the District and an affiliated nonprofit organization entered into under this section must include the policy developed by the Board under Subsection (d) of this section. Added, H. B. 1535, 88th Legislature.

Section 6. District Constabulary. In order to accomplish the objects of this Act, this District may constitute and maintain its own independent constabulary under oath and bond, in so far as is applicable, conditioned as is provided for a sheriff of a county, who shall be charged with the duty to police the District's property and its controlled facilities, with power to make arrests to prevent injury to such properties or after such offense or violation of any penal ordinance of the District, and, upon complaint or indictment lawfully had thereon, to make arrests either within or beyond the boundaries of the District.

Section 7. Repealed, H. B. 83, 57th Legislature.

Section 8. Duties of Certain State Officers. The State Board of Water Engineers and the Reclamation Engineer of Texas shall be under duty to cooperate with this District in the making of investigations and plans and the approval of plans for improvements to be provided by this District. Such plans, however, shall be subject to approval by them when appropriate under the General Laws of Texas; provided, only, that where the Federal Government shall have adopted a plan for improvements, the same, as to all matters save the use of water already under permit from the State, shall control.

Section 9. GOVERNING BODY OF THE DISTRICT; QUALIFICATIONS OF MEMBERS OF THE BOARD; VACANCIES; TERM OF OFFICE. The government and control of the District shall be vested in a Board of Directors consisting of 12 members, 6 of whom shall be elected from Bexar County, 2 of whom shall be elected from Wilson County, 2 of whom shall be elected from Karnes County, and 2 of whom shall be elected from Goliad County. Each director shall serve for a term of four years, and shall hold office until the director's successor has been elected and has qualified by taking the oath of office. Before entering upon the duties of the member's office, each member of the Board shall take the Constitutional Oath of Office and the same shall be filed in written form with the Secretary of the Board. Vacancies occurring on the Board from any county shall be filled by appointment by the Governor of the State, with the advice and consent of the Senate, for such unexpired term. Any person over the age of 21 years, residing within the District and within the county from which the person is elected or appointed, and possessing the qualifications of a juror shall be eligible to be elected or appointed and to serve as a director. Amended, H. B. 83, 57th Legislature; S. B. 741, 67th Legislature; and H. B. 1535, 88th Legislature.

Section 10. ELECTION OF DIRECTORS. All elections within the District shall be carried out in accordance with rules set forth in the bylaws and the Election Code, and the results of all elections shall be canvassed by the Board of Directors of the District at the regular meeting next following each biennial election. All elections shall be held on the uniform election date in November of each odd-numbered year and at the polling places designated by the Board of Directors of the District. The terms of office of Directors elected at each election after the said

first election shall commence on the first day of January following their election. In all elections the following rules shall apply: Amended, H. B. 1535, 88th Legislature.

- (a) Those persons seeking to have their names placed on the official ballot shall make application to the Secretary of the Board in accordance with rules prescribed by the Board either in the ordinance calling the election or in the bylaws.
- (b) The Secretary of the Board shall make up the official ballot for each county from the names of candidates who have filed applications, and the placing of the names of the candidates on the ballots shall be determined by lot. The drawing of lots for the placing of the names of the candidates on the ballots shall be by the Secretary of the Board, and all candidates, or their designated representatives, may be present at such drawing.
- (c) The Directors from Wilson, Karnes, and Goliad Counties shall be elected at large from each county. Four (4) Directors from Bexar County shall be elected from single-member districts and two (2) Directors shall be elected at large. The four (4) single-member districts shall be coterminous with and bear the same number as the Bexar County Commissioners Precincts. A candidate for a single-member district position must live in the district the candidate seeks to represent.
- (d) The candidates receiving the greatest number of votes, that is a plurality, shall be declared elected. Should there be a tie in the votes received, the winner of the election shall be determined by the majority of the Board. The two (2) at-large Directors of Bexar County shall be elected simultaneously by plurality, and the two (2) candidates receiving the greatest number of votes shall be declared elected.
- (e) Directors of the District serving from single-member districts at the time new single-member districts are adopted shall serve for the remainder of the terms to which they were elected regardless of the redistricting.

Section 11. COMPENSATION AND EXPENSES OF DIRECTORS. The Directors of the District shall be entitled to the compensation and allowances established by general law for each day of official service, whether sitting as a Board or serving on a committee of the Board, and in addition thereto shall be entitled to reimbursement for all expenses necessarily incurred by reason of such service. A meeting shall be deemed a day of service, provided that no charge shall be made for more than one meeting held on any one day, and no Director shall be paid per diem in excess of one hundred and fifty (150) days in any one fiscal year, exclusive of reimbursement for expenses, as compensation for service rendered as a Director and as a member of a committee. Amended, H. B. 83, 57th Legislature; S. B. 741, 67th Legislature; and S.B. 1437, 70th Legislature.

Section 12. Removal of Directors and Officers. Any Director or Officer shall be subject to removal or suspension from office by the affirmative vote of eight (8) Directors for incompetency, official misconduct, official gross negligence, habitual drunkenness or for

nonattendance at six (6) consecutive regular meetings of the Board; provided, that no Director or Officer shall be removed or suspended from office until charges in writing are filed against him and he is given the opportunity of a fair hearing before the Board of Directors. Amended, H. B. 83, 57th Legislature.

Section 13. ORGANIZATION AND MEETINGS OF THE BOARD; OFFICERS; QUORUM. There shall be appointed by a majority vote of the Board of Directors from its membership a Chairman, a Vice-Chairman, a Secretary and a Treasurer, and any other officers or assistant officers the Board considers necessary. Assistant officers need not be members of the Board of Directors and may be granted limited powers in the bylaws. The officers so appointed shall serve for a term of two (2) years and until their successors have been appointed, except that assistant officers, if such officers are appointed, shall hold office at the pleasure of the Board. A quorum at all meetings of the Board of Directors shall consist of not less than seven (7) members. Regular and special meetings of the Board of Directors shall be held as provided by general law and the bylaws, and notice of such meetings shall be given as required by general law and the bylaws. All meetings of the Board shall be open to the public. Amended, H. B. 83, 57th Legislature; S.B. 1437, 70th Legislature; and H. B. 1535, 88th Legislature.

Section 13-a. TRAINING FOR BOARD MEMBERS.

- (a) A person who is elected or appointed to and qualifies for office as a member of the Board may not vote, deliberate, or be counted as a member in attendance at a meeting of the Board until the person completes a training program that complies with this section.
- (b) The training program must provide the person with information regarding:
 - (1) the law governing the District's operations;
 - (2) the programs, functions, rules, and budget of the District;
 - (3) the scope of and limitations on the rulemaking authority of the Board;
 - (4) the results of the most recent formal audit of the District;
 - (5) the requirements of:
 - (A) laws relating to open meetings, public information, administrative procedure, and disclosing conflicts of interest; and
 - (B) other laws applicable to members of the governing body of a river authority in performing their duties; and
- (6) any applicable ethics policies adopted by the District or the Texas Ethics Commission.
- (c) A person elected or appointed to the Board is entitled to reimbursement for the travel expenses incurred in attending the training program regardless of whether the attendance at the program occurs before or after the person qualifies for office.
- (d) The Manager of the District shall create a training manual that includes the information required by Subsection (b) of this section. The Manager of the District shall distribute a copy of the training manual annually to each member of the Board. Each member of the Board shall sign and submit to the Manager of the District a

statement acknowledging that the member received and reviewed the training manual.

Section 13-b. POLICIES TO SEPARATE POLICY-MAKING AND STAFF FUNCTIONS. The Board shall develop and implement policies that clearly separate the policy-making responsibilities of the Board and the management responsibilities of the Manager and the staff of the District.

Section 13-c. PUBLIC TESTIMONY AT BOARD MEETINGS. The Board shall develop and implement policies that provide the public with a reasonable opportunity to appear before the Board and to speak on any issue under the jurisdiction of the District.

Section 13-d. COMPLAINT INFORMATION REQUIREMENTS.

- (a) The District shall maintain a system to promptly and efficiently act on complaints filed with the District. The District shall maintain information about parties to the complaint, the subject matter of the complaint, a summary of the results of the review or investigation of the complaint, and its disposition.
- (b) The District shall make information available describing its procedures for complaint investigation and resolution.
- (c) The District shall periodically notify the complaint parties of the status of the complaint until final disposition unless the notice would jeopardize an investigation. Added, H. B. 1535, 88th Legislature.

Section 14. POWERS OF THE BOARD AND EXECUTIVE COMMITTEE; BONDS REQUIRED. The Board of Directors shall be responsible for the management and control of all affairs of the District. In connection therewith, the Board of Directors shall have the power: Amended, H. B. 1535, 88th Legislature.

- (a) To exercise all the powers, rights, privileges and functions conferred by law upon the District;
- (b) To adopt all such bylaws as are not inconsistent with the law; Amended, H. B. 1535, 88th Legislature.
- (c) To appoint and fix the salary of a Manager, who shall be the chief executive officer of the District. The Manager shall employ and supervise, subject to policies promulgated by the Board, all employees, agents, accountants, attorneys, engineers and others rendering professional services necessary and required to accomplish the purposes of this Act. The Manager may execute, on behalf of the District, without specific authorization of the Board, any contract not subject to competitive bidding. The Manager may execute on behalf of the District and with specific authorization of the Board, any other contract.

Except as specifically provided elsewhere in this Act, all the powers, rights, privileges and functions of the District may be exercised by a majority of the membership of the Board. Amended, H. B. 1535, 88th Legislature.

Said Board of Directors shall have all such additional powers as may be conferred on this District by the other provisions of this Act, Chapters 49 and 51, Water Code, and any other

general law applicable to river authorities or water control and improvement districts, and of said Article 16, Section 59, of the Constitution of the State of Texas; provided, however, that members of the Board shall be ineligible to engage in any transaction for gain or profit with the District. Amended, H. B. 1535, 88th Legislature.

The Directors and all officers of the District who are not Directors shall, within fifteen (15) days after their election or appointment, file a good and sufficient bond with the Secretary of the Board; the official bond of each Director and Officer shall be in the sum of Five Thousand Dollars (\$5,000), shall be payable to the District, shall be conditioned upon the faithful performance of their duties as such Directors or Officers, and shall be subject to approval by the Secretary of the Board. Amended, H. B. 83, 57th Legislature and H. B. 741, 67th Legislature.

Section 14-a. Repealed, H. B. 1535, 88th Legislature.

Section 14-b. FISCAL YEAR. The District's fiscal year ends on September 30 of each year. Added, H. B. 1535, 88th Legislature.

Section 15. Payment of Debts. Any and every indebtedness, liability, or obligation of the District, for the payment of money, however entered into or incurred, and whether arising from express contracts or implied contracts, or otherwise, shall be payable solely out of revenue received by the District in respect of its properties, and from out of any other moneys or income from any source whatsoever coming into possession of said District including proceeds of sale of bonds.

Section 15-a. TAXATION. Subject to the limitation as to the maximum rate of tax as prescribed in this Section, the District may levy and collect throughout the territory of the District such ad valorem taxes as are voted at an election or elections called by the Board for that purpose and conducted throughout the territory of the District. The maximum rate of tax which can be levied and collected for any year shall be two cents (2¢) on the One Hundred Dollars (\$100) of taxable property based on its assessed valuation, in accordance with the following conditions and procedures: Amended, H. B. 1535, 88th Legislature.

- (a) The Board of Directors of the District may, by ordinance, call an election to submit to the voters for approval such taxation; provided that a public hearing to discuss the proposed tax issue shall be held in each county in the District, said public hearing to be held not less than ten (10) days nor more than twenty-five (25) days prior to the scheduled date of any such election, and said hearings shall be called by the Board of Directors of the District and notice of the time, day, date, place and purpose of said meeting shall be given by publishing said notice in at least one (1) newspaper of general circulation in each county where the meeting is to be held at least ten (10) days prior to such hearing;
- (b) The order calling the election shall specify the polling place or places in each of the several counties. The notice of election will be sufficient as to any county within the District if it states that the election is to be held throughout the territory comprising the District and if it specifies the polling place or places in such county. But it shall not be necessary to publish such details except in the county

to which they are applicable; Amended, H. B. 1535, 88th Legislature.

- (c) Returns of the election shall be made to the Board, and the Board shall canvass the returns of the election and adopt an ordinance declaring the results thereof. The Board may levy taxes within the maximum rate thus voted if a majority of the votes cast throughout the District are in favor of the levy of the tax and if a majority of the votes cast in any three (3) counties in the District are in favor of the levy of the tax;
- (d) The rate of tax shall be uniform throughout the territory comprising the District, and shall be certified by the Chairman and the Secretary of the Board of Directors of the District to the Tax Assessor and the Tax Collector of each included county;
- (e) After an election has resulted favorably to the levy of a tax, the Board of Directors may borrow money payable therefrom and may evidence such loan by a negotiable note given in the name of the District;
- (f) Any taxes thus collected shall be used for the purpose of general administration and for planning and other services with respect to any of the purposes, rights, privileges and functions of the District; provided, however, that none of the taxes thus collected shall be used to pay for or finance the construction of any dams, reservoirs, levees, channels, pipelines or other major physical works of the District, or pay for the cost of any right-of-way acquisitions, or the expense of right-of-way acquisition, or damages awarded by any Court under Article 1, Section 17, of the Constitution of the State of Texas. It is the intent of this Act that any taxes thus collected will enable the District to accomplish its purposes, including the maximum development of the soil and water resources of the District, it being hereby found and determined that the benefits to be realized from such maximum development can be obtained only through area-wide participation and planning. It is the intent of this Act that the construction of any dams, reservoirs, levees, channels, pipelines or other major physical works of the District shall be paid for or financed by revenue bonds of the District to be redeemed either by the sale of services or by taxes to be levied by a county or municipality and paid over to the District as an independent contractor of said county or municipality. It is likewise the intent of this Act that any taxes thus collected may be used to pay for the operation, repair and/or maintenance of any flood control, soil conservation, watershed protection and/or erosion structures or works of improvement constructed in cooperation with the Federal Government; provided, however, that any such operation, repair and/or maintenance costs shall be paid for out of taxes thus collected in the county in which the particular structure or work of improvement is situated. It is further the intent of this Act that the taxes authorized by this Section 15-a thus collected shall not be pledged to the redemption of any bonds of the District. Added, H. B. 83, 57th Legislature; Amended, H. B. 1535, 88th Legislature.

Section 15-b. Rendition, Assessment, Levying and Collection of Taxes. The rendition and assessment of property for taxation and the collection of taxes for the benefit of the District shall be in accordance with the law applicable to counties, insofar as such law is applicable.

Renditions shall be to the County Tax Assessor of the county in which the property is taxable for State and County purposes. It shall be the duty of the Assessor and Collector in each county to cause to be placed on the county tax rolls such additional column or columns as are needed to show the tax levied by the District and the amount thereof, based on the value of such property as approved finally for State and County purposes by the Board of Equalization of such County. The fee for assessing and collecting taxes shall be two per cent (2%) of the taxes collected, such fee to be paid over and disbursed in each county as are other fees of office. All of the laws for the enforcement of State and County taxes shall be available to the District. The District has the right to cause the officers of each county to enforce the taxes due to the District in that county, as provided in the law for the enforcement of State and County taxes. Taxes assessed and levied for the benefit of the District shall be payable and shall become delinquent at the same time, in the same manner and subject to the same discount for advance payment as taxes levied by and for the benefit of the county in which the property is taxable. The fee for collecting delinquent taxes through prosecution of suit shall be fifteen per cent (15%) of the taxes collected by such suit, such fee to be paid over and disbursed in each county as are other fees of office. Added, H. B. 83, 57th Legislature.

Section 16. Issuance of Bonds. For the purpose of constructing improvements related to the exercise of any power or powers conferred on it by law, the District shall have the power and is hereby authorized to issue negotiable bonds, either as a single issue or in separate issues, from time to time, to be secured by a pledge of revenues, income and funds of the District without reference to their source and having such priority of liens thereon as may be prescribed in the proceedings authorizing the issuance of such bonds; provided, however, that no ad valorem taxes collected in accordance with the provisions of Sections 15-a and 15-b shall be pledged to any issue or issues of bonds. The District shall have the power to issue the bonds provided for in this Section by action of its Board of Directors and without the necessity of an election. Said bonds may either be (1) sold for cash, at public sale, at such price or prices as the Board shall determine, provided that the interest cost of the money received therefor, computed to maturity in accordance with standard bond tables in general use by banks and insurance companies, shall not exceed six per cent (6%) per annum, or (2) may be issued on such terms as the Board shall determine in exchange for property of any kind, real, personal, or mixed, or any interest therein which the Board shall deem necessary or convenient for any such corporate purpose, or (3) may be issued in exchange for principal amounts or other obligations of the District, matured or unmatured. The proceeds of sale of such bonds may be deposited in such banks or trust company or trust companies, and may be paid out pursuant to such terms and conditions, as may be agreed upon between the District and the purchasers of such bonds. All such bonds shall be authorized by resolution of the Board concurred in by at least eight (8) of the members thereof, and shall bear such date or dates, mature at such time or times, bear interest at such rate or rates (not exceeding six per cent [6%] per annum), payable annually or semiannually, be in such denominations, be in such form, either coupon or registered, carry such registration privileges as to principal only or as to both principal and interest, and as to exchange of coupon bonds for registered bonds or vice versa, and exchange of bonds of one denomination for bonds of other denomination, be executed in such manner and be payable at such place or places within or without the State of Texas, as such resolution or resolutions may provide. Any resolution or resolutions authorizing any bonds may contain provisions, which shall be part of the contract between the District and the holders thereof, from time to time: (a) reserving the right to redeem such bonds at such time or times, in such amounts and at such prices, not exceeding one hundred and five per cent (105%) of the principal amount thereof,

plus accrued interest, as may be provided; (b) providing for the setting aside of sinking funds or reserve funds and the regulation and disposition thereof; (c) pledging to secure the payment of the principal of and interest on such bonds and of the sinking fund or reserve fund payments agreed to be made in respect of such bonds, any part or all of the revenue and income of every kind and character from any source whatsoever thereafter received by the District; (d) prescribing the purpose to which such bonds or any bonds thereafter to be issued, or the proceeds thereof, may be applied; (e) agreeing to fix and collect rates, charges, and assessments sufficient to produce net revenues adequate to pay the items specified above in subdivisions (a), (b) and (c) of this Section 16, and prescribing the use and disposition of all revenues; (f) prescribing limitations upon the issuance of additional bonds and upon the agreements which may be made with the purchasers and successive holders thereof; (g) with regard to the construction, extension, improvement, reconstruction, operation, maintenance, and repair of the properties of the District and carrying of insurance upon all or any part of said properties covering loss or damage or loss of use, and reconstruction, operation, maintenance, and repair of the properties of the District and carrying of insurance upon all or any part of said properties covering loss or damage or loss of use and occupancy resulting from specified risks; (h) fixing the procedure, if any, by which, if the District shall so desire, the terms of any contract with the holders of such bonds may be amended or abrogated, the amount of bonds the holders of which must consent thereto, and the manner in which such consent may be given; (i) for the execution and delivery by the District to a bank or trust company authorized by law to accept trusts, or to the United States of America or any officer or agency thereof, of indentures and agreements for the benefit of the holders of such bonds, setting forth any or all of the agreements herein authorized to be made with or for the benefit of the holders of such bonds and such other provisions as may be customary in such indentures or agreements; and (j) such other provisions not inconsistent with the provisions of this Act, as the Board may approve.

Any such resolution and any indenture or agreement entered into pursuant thereto may provide that in the event that:

- (a) default shall be made in the payment of the interest of any or all bonds when and as the same shall become due and payable, or
- (b) default shall be made in the payment of the principal of any or all bonds when and as the same shall become due and payable, whether at the maturity thereof by call for redemption or otherwise, or
- (c) default shall be made in the performance of any agreement made with the purchasers or successive holders of any bonds,

And such default shall have continued such period, if any, as may be prescribed by said resolution in respect thereof, the trustee under the indenture or indentures entered into in respect of the bonds, authorized thereby, or if there shall be no such indenture, a trustee appointed in the manner provided in such resolution or resolutions by the holders of twenty-five per cent (25%) in aggregate principal amount of the bonds authorized thereby and at the time outstanding, may, and upon the written request of the holders of twenty-five per cent (25%) in aggregate principal amount of the bonds authorized by such resolutions at the time outstanding, shall, in his or its own name, but for the equal proportionate benefit of the holders of all such bonds, and with or without having possession thereof:

- (1) by mandamus or other suit, action, or proceeding at law or in equity, enforce all rights of the holders of such bonds;
- (2) bring suit upon such bonds and/or the appurtenant coupons;
- (3) by action or suit in equity, require the District to account as if it were the trustee or an express trust for the bondholders;
- (4) by action or suit in equity, enjoin any acts or things which may be unlawful or in violation of the rights of the holders of such bonds; and/or
- (5) after such notice to the District as such resolution may provide, declare the principal of all such bonds due and payable, and if all defaults shall have been made good, then with the written consent of the holders of twenty-five per cent (25%) in aggregate principal amount of such bonds at the time outstanding annul such declaration and its consequences; provided, however, that the holders of more than a majority in principal amount of the bonds authorized thereby and at the time outstanding shall by instrument or instruments in writing delivered to such trustee have the right to direct and control any and all action taken or to be taken by such trustee under this paragraph. Any such resolution, indenture, or agreement may provide that in any such suit, action, or proceeding any such trustee, whether or not all of such bonds shall have been declared due and payable and with or without possession of any thereof, shall be entitled as of right to the appointment of a receiver who may enter and take possession of all or any part of the properties of the District and operate and maintain the same, and fix, collect, and receive rates and charges sufficient to provide revenues adequate to apply the item set forth in subparagraphs (a), (b) and (c) of Section 16 hereof and costs and disbursements of such suit, action, or proceeding and to apply such revenues in conformity with the provisions of this Act and the resolution or resolutions authorizing such bonds. In any suit, action, or proceeding by any such trustee, the reasonable fees, counsel fees, and expenses of such trustee and of the receiver or receivers, if any, shall constitute taxable disbursements, and all costs and disbursements allowed by the Court shall be a first charge upon any revenues pledged to secure the payment of such bonds. Subject to the provisions of the Constitution of the State of Texas, the Courts of the County of Bexar shall have jurisdiction of any such suit, action, or proceeding by any such trustee on behalf of the bondholders and of all property involved therein. In addition to the powers hereinabove specifically provided for, each such trustee shall have and possess all powers necessary or appropriate for the exercise of any thereof, or incident to the general representation of the bondholders in the enforcement of their rights.

Before any bonds shall be sold by the District, a certified copy of the proceedings for the issuance thereof, including the form of such bonds, together with any other information which the Attorney General of the State of Texas may require, shall be submitted to the Attorney General, and if he shall find that such bonds have been issued in accordance with law, and if he shall approve such bonds, he shall execute a certificate to that effect which shall be filed in the

office of the Comptroller of the State of Texas and be recorded in a record kept for that purpose. In lieu of the approval by the Attorney General, the District may institute proceedings as authorized by Chapter 316, Acts of the Regular Session of the Fifty-sixth Legislature, 1959. No bonds shall be issued until the same shall have been registered by the Comptroller, who shall so register the same if the Attorney General shall have filed with the Comptroller his certificate approving the bonds and the proceedings for the issuance thereof as hereinabove provided.

All bonds approved by the Attorney General as aforesaid, and registered by the Comptroller as aforesaid, and issued in accordance with the proceedings as approved, shall be valid and binding obligations of the District and shall be incontestable for any cause from and after the time of such registration.

Nothing herein shall prevent the District from making a private sale of its bonds to the Texas Water Development Board under such terms and conditions as District's Board of Directors shall in their discretion deem advisable, and such private sale is specifically authorized by this Act. Amended, H. B. 83, 57th Legislature.

Section. 16-a. Repealed by Ch. 233, 57th Leg., R.S., 1961

Section. 17. Purchase of Bonds by District. The District shall have power out of any funds available therefor to purchase any bonds issued by it at a price not exceeding the redemption price applicable at the time of such purchase, or if such bonds shall not be redeemable, at a price not exceeding the principal amount thereof plus accrued interest. All bonds so purchased shall be cancelled and no bonds shall ever be issued in lieu thereof.

Section 17-a. Bonds legal for investment and security. The bonds of the District shall be and are hereby declared to be legal and authorized investments for banks, savings banks, trust companies, building and loan associations, savings and loan associations, insurance companies, fiduciaries, trustees, guardians, and for the sinking funds of cities, towns, villages, counties, school districts, or other political corporations or subdivisions of the State of Texas. Such bonds shall be eligible to secure the deposit of any and all public funds of the State of Texas, and any and all public funds of cities, towns, villages, counties, school districts or other political corporations or subdivisions of the State of Texas; and such bonds shall be lawful and sufficient security for said deposits to the extent of their value, when accompanied by all unmatured coupons appurtenant thereto. Added Acts 1959, 56th Legislature, p. 78, ch. 39, Section 1.

Section 18. Property of the District.

- (a) Prohibition Against Encumbering Property.
Nothing in this Act shall be construed as authorizing the District, and it shall not be authorized, to mortgage or otherwise encumber any of its property of any kind, real, personal or mixed, or any interest therein, or to acquire any such property or interest subject to a mortgage or conditional sale; provided, however, that this Subsection shall not be construed as preventing the pledging of any and all revenues and income of the District of every kind and character and from any source whatever, except ad valorem taxes collected by the District in accordance with Sections 15-a and 15-b of this Act.
- (b) Disposition of Property.

Nothing in this Act shall be construed as authorizing the District, or any receiver of its properties, or any court, to sell, lease or otherwise dispose of any of its property of any kind, real, personal or mixed, or any interest therein, unless such sale, lease or other disposition has been generally authorized by this Act or a general law applicable to the District; provided, however, that the District may sell or otherwise dispose of any property of any kind or any interest in property that is not necessary to carry on the business of the Authority provided that the Board, by a majority vote of a quorum present at any regular or special meeting, determines that the property is not convenient to the business of the Authority and is surplus. The Board shall cause a notice of such proposed sale to be published once each week for two (2) consecutive weeks in a newspaper of general circulation in the county or counties in which said property or interest therein is situated if the appraised value of said property or interest therein is in excess of Five Thousand Dollars (\$5,000) and if the said property or interest therein is not partial or total consideration in a transaction for the exchange of properties. Amended, H. B. 1535, 88th Legislature.

(c) Property Exempt from Forced Sale.

All property of the District shall be at all times exempt from forced sale, and nothing in this Act shall authorize the sale of any of the property of the District under any judgment rendered in any suit, and such sales are hereby prohibited and forbidden. Amended H. B. 83, 57th Legislature and S. B. 741, 67th Legislature.

Section 19. Bonds, Tax Free. All bonds and the interest thereon issued pursuant to the provisions of this Act shall be exempt from taxation (except inheritance taxes) by the State of Texas or by any municipal corporation, county, or other political subdivision or taxing district of the State.

Section 20. Appeal Bond Not Required. This District shall not be required to give bond on any appeal from judgment in any Court.

Section 21. Full Authority to Issue Bonds. This Act without reference to other Statutes of the State of Texas shall constitute full authority for the authorization and issuance of bonds hereunder and no other Act or law with regard to the authorization or issuance of obligation or the deposit of the proceeds thereof, or in any way impeding or restricting the carrying out of the acts herein authorized to be done, shall be construed as applying to any proceedings taken hereunder or acts done pursuant hereto.

Section 21-a. Contract with Bexar County. Recognizing the fact that the District has heretofore entered into a contract with the Commissioners Court of Bexar County, Texas, for the purpose of financing the construction of certain flood control and soil conservation works of improvement in Bexar County, the District is hereby prohibited from spending any income or revenue derived from said contract, and all amendments thereto or reformations thereof, for any purpose other than those which are specifically provided for therein; provided, however, that a reasonable amount of said income or revenue may be allocated by the Board for the payment of the District's overhead, operational costs and the fees of the Directors who reside in Bexar County. Added, H. B. 83, 57th Legislature.

Section 21-b. POLLUTION CONTROL DISTRICTS.

- (a) Authority to establish; purpose. The Authority may establish one or more pollution control districts for the purpose of accomplishing any of the powers, purposes, rights, privileges, or authority vested in the Authority regarding waste treatment.
- (b) Procedure for establishing districts; resolution; public hearing; election. Pollution control districts may be established by the procedures contained in this section.

(1) The Board may adopt a resolution calling for the creation of a pollution control district, defining the boundaries thereof, estimating the principal amount of and stating the purpose of bonds proposed to be issued by the Authority on behalf of the proposed pollution control district, declaring that taxes for the payment of the proposed bonded indebtedness shall be levied exclusively on the taxable property within the proposed pollution control district, and fixing a time and place for a public hearing on the matters set out in the resolution; or

(2) The Board may adopt a resolution calling for the creation of a pollution control district, defining the boundaries thereof, declaring that taxes for the maintenance of the Authority and its improvements shall be levied on the taxable property within the proposed pollution control district, and fixing a time and place for a public hearing on the matters set out in the resolution.

(A) The resolutions hereby authorized may be adopted simultaneously, and simultaneous hearings on proposed bond and maintenance taxes may be held.

(B) The public hearing may be conducted by a quorum of the Board of Directors, or one or more directors, or one or more employees who may be designated by the Board. If someone other than a quorum of the Board conducts the hearing, he shall have power to accept evidence and make recommendations upon which the Board may act. The Board may alter, modify, or change any provision of the resolution calling for the creation of the proposed pollution control district subsequent to the public hearing; provided, however, that the boundaries of the pollution control district may not be enlarged or expanded without further notice as hereinafter provided.

(C) Notice of the public hearing shall be published in a newspaper of general circulation within the proposed pollution control district once not less than fifteen (15) nor more than thirty

(30) days prior to the public hearing. To the extent not inconsistent with the provisions hereof, notice of the public hearing shall also comply with Chapter 271, Acts of the 60th Legislature, Regular Session, 1967, as amended (Article 6252-17, Vernon's Texas Civil Statutes).

(D) All public hearings on creation of a pollution control district shall be held within the boundaries of the proposed pollution control district, and may be held concurrently or in connection with any other public hearing, meeting, or proceeding conducted by the Board.

(E) Any interested person, including persons residing or owning property within the Authority, may appear at the public hearing and present evidence relevant to the matter set forth in the resolution calling for the creation of the proposed pollution control district. All persons residing within or owning property within the proposed pollution control district shall have the right to appear at the public hearing and present evidence with regard to whether they will receive benefits from the proposed improvements or taxation. Failure to appear at the public hearing shall constitute a waiver of all objections which the absent party might have had to all matters set forth in the resolution calling for the creation of the proposed pollution control district.

(F) The Board shall review the findings and recommendations resulting from the public hearing, and may adopt a resolution creating the pollution control district, stating the purposes for which the pollution control district has been created, designating the boundaries of the pollution control district, declaring that the indebtedness to be incurred or the cost of services to be rendered by the Authority for the benefit of the pollution control district shall be payable from taxes levied on property within the pollution control district, finding that the property within the pollution control district will benefit from the indebtedness proposed to be incurred or the services proposed to be rendered by the Authority on its behalf, and calling for an election within the pollution control district to authorize said indebtedness and/or said maintenance tax. Said resolution shall further state the date of the election, the proposition or propositions to be voted on, the location of the polling places, and the names of the officers of the election. Said election may be held in conjunction with general election or any special election other than a primary election. The provisions of the Texas Election Code, as amended, shall govern the election unless contrary to any provision of this Act.

(G) The resolution of the Board creating a pollution control

district shall be final and conclusive, and shall not be subject to review by any court except on the basis of whether the resolution is supported by substantial evidence. Said resolution shall be filed in the deed records of the county or counties wherein the territory within the pollution control district is situated. Any action or proceeding wherein the validity of the Board's resolution creating a pollution control district or of the proceedings relative thereto is contested, questioned, or denied, shall be commenced within thirty (30) days from the effective date of the resolution; otherwise, said resolution and all proceedings relative thereto, including the creation of the pollution control district, shall be held to be valid and in every respect legal and incontestable.

(c) Boundaries; annexation proceedings.

(1) The boundaries of a pollution control district may include any territory within the Authority, whether or not the territory contains noncontiguous parcels of land, and whether or not the territory is located within the boundaries of any incorporated city, town, village, or any other governmental entity or political subdivision of the State of Texas. If any portion of the territory of a proposed pollution control district falls within the boundaries or within the exclusive extraterritorial jurisdiction of an incorporated city, town, or village, the Board shall not create said pollution control district until it has obtained the consent of said city, town, or village. Said consent may contain such conditions as may be mutually agreed on by the Authority and said city, town, or village, and shall be evidenced by a duly enacted ordinance of the governing body of said city, town, or village.

(2) Proceedings for the annexation of territory to an existing pollution control district may be initiated by a resolution of the Board or by a petition signed by the owners of 50 percent or more of the value of the land subject to the proceedings, or by a petition signed by a majority of the residents of the land to be annexed. The petition shall, insofar as is practicable, set forth substantially those matters set forth in a resolution calling for the creation of a pollution control district, and shall request a public hearing by the Board on the matters set out in the petition. The public hearing shall be held in substantial compliance with the provisions set forth herein for a public hearing on creation of a pollution control district. If the Board determines that the annexation should be accomplished, it may adopt a resolution calling separate elections on the matter of annexation to be held within the existing pollution control district and within the land to be annexed. The annexation shall not become final until approved by a majority of the qualified voters within the existing pollution control district, and until a majority of the qualified voters within the boundaries of the land to be annexed approve said annexation and elect to allow the land to be annexed to be taxed for maintenance purposes and/or to assume its pro rata share of indebtedness theretofore authorized and/or taxes necessary to support the voted but

unissued tax or tax-revenue bonds of the Authority which are to be issued on behalf of the existing pollution control district, and authorize the Board to levy a tax on the property therein for payment for such unissued bonds, when issued. Said elections shall conform to the Texas Election Code, as amended, insofar as said code is not inconsistent with the provisions of this Act. The Board's resolution canvassing the returns of such elections shall redefine the boundaries of the pollution control district and shall be recorded in the deed records of the county within which the annexed territory lies.

(3) Proceedings for the addition of territory to an existing pollution control district on which less than three (3) qualified voters reside may be initiated by a petition signed by the owner or owners thereof praying that the land described therein be added thereto and become a part thereof. The petition shall, insofar as applicable, set forth substantially those matters set forth in a resolution calling for the creation of a pollution control district and shall request a public hearing by the Board on the matters set out in the petition. The public hearing shall be held in substantial compliance with provisions set forth herein for a public hearing on creation of a pollution control district. If the Board determines that the addition should be accomplished, it may adopt a resolution adding such land. If taxes or bonds have been authorized within the pollution control district prior to the addition of said land, said resolution adding the land shall be temporary and the addition shall not become final until approved by a majority of the qualified voters with the pollution control district as it exists after said addition. Such election shall be held as soon as practicable after said addition on the proposition of approving said addition, ratifying the unissued tax or tax-revenue bonds of the Authority which are to be issued on behalf of the pollution control district, and to authorize the Board to levy a tax on the property within the pollution control district as enlarged for payment of said unissued bonds when issued and/or for the maintenance of the Authority. Such election shall conform to the Texas Election Code, as amended, so far as such code is not inconsistent with the provisions of this Act. The Board's resolution canvassing the returns of such election or adding the territory shall redefine the boundaries of the pollution control district and shall be recorded in the deed records of the county within which the added territory lies.

(d) Bonds; maintenance tax.

(1) If the qualified voters in the elections called pursuant hereto authorize the Authority to incur indebtedness for the benefit of a pollution control district, the Board shall have authority to issue bonds as provided in this Act; provided, however, that taxes levied for the purpose of making payments of the interest on or principal of said bonds shall be levied only on taxable property within the pollution control district.

(2) Notwithstanding any provision of this Act to the contrary, if the qualified voters in the elections called pursuant hereto authorize the Authority to levy and collect ad valorem taxes for the maintenance of the Authority and its improvements, the Board shall have authority to levy, assess, and collect said maintenance tax; provided, however, that said maintenance tax shall be levied only on taxable property within the pollution control district.

(e) Indebtedness authorized; taxes.

The Board may incur all such indebtedness as may be necessary to provide all improvements, and the maintenance thereof, requisite to the achievement of the purposes for which any pollution control district is organized, and the Authority is authorized to levy and collect all such taxes as may be necessary for the payment of the interest thereon and the creation of a sinking fund for the payment thereof, and such taxes shall be a lien on the property assessed for the payment thereof.

Section 22. Liberal Construction; Conflicts. This Act and all of the terms and provisions thereof shall be liberally construed to effectuate the purposes set forth herein.

It is especially provided, however, that in the event any authority or power granted in this Act overlaps or conflicts with any authority or power heretofore vested in the Guadalupe-Blanco River Authority as created by H. B. No. 138, Chapter 410, Acts of the 44th Legislature at its First Called Session, that the power and authority granted by said Act creating said Guadalupe-Blanco River Authority shall supersede and control over any power or authority granted by this Act, unless said Guadalupe-Blanco River Authority consents to the exercise of such power or authority by San Antonio River Authority.

It is further especially provided that no provision of this Act shall have the effect of divesting any person, firm or corporation of any vested riparian rights heretofore vested, or any vested rights derived under existing permits for the appropriation and use of public waters heretofore issued by the State Board of Water Engineers, or any vested rights derived under any certified filings heretofore filed with said Board.

It is further especially provided that nothing in this Act shall impair or supersede the authority and supervision granted to the State Board of Water Engineers under the General Laws of the State of Texas or under the rules formulated by said State Board in accordance with said General Laws, any provision of this Act to the contrary notwithstanding. Amended, H. B. 83, 57th Legislature; S. B. 704, 61st Legislature.

Section 23. Domicile. The general office and place of domicile of this District shall be in the City of San Antonio, Bexar County, Texas.

Section 24. Constitutional Conformity. Nothing in this Act contained shall be construed to violate any provision of the Federal or State Constitutions, and all Acts done under this Act shall be done in such a manner as will conform thereto, whether herein expressly provided or not. Where any procedure hereunder may, by the Board, be deemed to be violative thereof,

this District shall have the power by ordinance to provide a procedure conformable therewith. If any provision of this Act shall be invalid, such holding shall not affect the instant creation of this District, or the validity of any other provision of this Act. Acts 1937, 45th Legislature, p. 556, ch. 276; Acts 1939, 46th Legislature, Spec. L., p. 1083, paragraph 1.

Section 25. Severability Clause. The provisions of this Act are severable. If any section, subsection, provision or part whatsoever of this Act should be held to be void as in violation of the Constitution, it shall not affect the validity of the remaining portions thereof, and it is hereby declared to be the legislative intent that this Act would have been passed as to the remaining portions hereof, regardless of the invalidity of any part. Added, H. B. 83, 57th Legislature.

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STORAGE OF WATER: See water conservation, storage procurement, distribution and supply		
STORM WATERS		
effect the conservation and use of	3	2
SUBSIDIZING OBLIGATIONS		
Power to participate in	3(k)(15)	14
SUPPLY OF WATER: See Water Conservation, storage, procurement, distribution and supply		
SURFACE WATERS		
prevent pollution of	3(g)	9
SURPLUS PROPERTY:		
Board of Directors:		
Agree as to appraised value	18(b)	31
Determine not convenient to business of District	18(b)	31
May trade or exchange	18(b)	31
Publish notice if not sale or exchange and valued above \$5,000	18(b)	31
SUE AND BE SUED, District may	3(k)(7)	12
- T -		
TAXATION AND TAXES:		
Borrow in advance of collections	15-a(e)	25
Certification by Chairman and Secretary	15-a(d)	24
Election called by Board	15-a(a)	24
Generally	15-a	23

Maximum rate	15-a	23
Public hearing, requisite to election	15-a(a)	24
Pollution Control Districts	21-b(d)	37
Purposes to be used for	15-a(f)	25
Rendition, assessment, levying and collecting	15-b	25
Uniform rate	15-a(d)	24
Vote by majority of District and of three counties required	15-a(c)	24
TERMS OF OFFICE:		
Directors	9	19
Officers of Board	13	21
TEXAS WATER DEVELOPMENT BOARD		
Negotiate private sale of bonds to	16	26
TREASURER	13	21
TRIBUTARIES:		
Navigable streams other than San Antonio River	3(k)(1)	11
San Antonio River	3(k)(1)	11
TRUST, rivers, streams and tributaries of		
District	3(k)(1)	11
TRUSTEE, appointment of	16	26
 - U -		
UNITED STATES:		
Accept grants from	3(k)(15)	14
Acquisition of unsold conservation capacity from	3(c)(4)	6
Borrow money from	3(k)(14)	13
Procure cooperation of	3(k)(2)	11
Purchase water, supply facilities or conservation storage capacity from	3(c)(4)	6
USE OF PROPERTY	3(k)(12)	13
 - V -		
VACANCIES:		
Elected Directors	9	19
Interim appointed Directors	9	19

VENUE IN BEXAR COUNTY:		
Default on bonds	16	26
Forfeiture or suspension of navigable franchise	3(a)(5)	4
VICE CHAIRMAN OF BOARD	13	21
VOTING:		
By County:		
Contracts for sale, purchase, procurement, distribution and/or supply of water or conservation storage capacity, treatment, transmission and disposal of sewage; construction of navigable canal or water-way; with county for flood control Master Plan, adopt, amend, supplement or revise	3(j)(1)	10
Master Plan, adopt, amend, supplement or revise	4-a	17
Eight (8) Directors:		
Removal of Directors	12	21
Sale of surplus property	18(b)	31
Majority	14	22

- W -

WATER CONSERVATION

Storage, procurement, distribution and supply:		
Appropriation permits, acquisition of	3(c)(3)	6
Bring water into District	3(c)(7)	7
Certified filings, acquisition of	3(c)(3)	6
Cities, water supply for	3(c)(2)	6
Commercial enterprises, provide water for	3(c)(6)	7
Conservation of storm, flood and unappropriated flow waters	3(c)(1)	6
Conservation storage capacity:		
Acquisition of additional	3(c)(11)	7
Acquisition of unsold	3(c)(11)	7
Purchase of	3(c)(4)	6
Contracts:		
Construction of reservoirs, dams, water supply lines, water purification and pumping facilities, water supply service	3(c)(10)	7
Water supply	3(c)(5)	6
Dams:		
Construct, acquire, equip, acquire storage rights at, operate and maintain	3(c)(8)	7
Contract with municipalities and others concerning	3(c)(10)	7
Industrial enterprises, provide water for	3(c)(6)	7
Pumping systems and facilities:		
Contract, operate and maintain	3(c)(9)	7
Contract with municipalities and others concerning	3(c)(10)	7
Reservoirs:		

Construct, acquire, equip, acquire storage rights at, operate and maintain	3(c)(8)	7
Contract with municipalities and others concerning	3(c)(10)	7
Stand-by service:		
Contracts	3(c)(5)	6
Sale of	3(c)(2)	6
Storage rights, acquisition of	3(c)(8)	7
Supply contracts, execution of	3(c)(5)	6
Supply facilities, purchase of	3(c)(4)	6
Supply lines:		
Contract, operate and maintain	3(c)(9)	7
Contract with municipalities and others concerning	3(c)(10)	7
Towns, water supply for	3(c)(2)	6
Water, purchase of	3(c)(4)	6
Water, sale of:		
Bulk	3(c)(2)	6
Generally	3(c)(2)	6
Retail	3(c)(2)	6
Stand-by service	3(c)(2)	6
WATER RIGHTS	22	37
WILDLIFE PRESERVE OR RESERVE:		
Franchise and concessions	3(k)(19)	15
Roads for ingress and egress	3(k)(18)	15
WORK OF IMPROVEMENT:		
Roads for ingress and egress	3(k)(18)	15

The residency requirements of Subsection (c), Section 10, Chapter 276, Acts of the 45th Legislature, Regular Session, 1937, as amended by this Act, do not apply to persons serving as directors when this Act takes effect or to candidates for District 2 at the 1989 election or to candidates for District 4 at the 1991 election.

The directors for Bexar County elected in 1989, 1991, and 1993 shall be elected as follows:

- (a) Election of directors for District 1 and 2 in January, 1989;
- (b) Election of directors by District 3 and 4 in January, 1991; and
- (c) Election of directors for the two at-large positions in January 1993. Amended, H. B. 83, 57th Legislature; S. B. 704, 61st Legislature; S. B. 741, 67th Legislature; and S.B. 1437, 70th Legislature.

NON-AMENDATORY PROVISIONS

CH. 233, 57th Leg., R.S., 1961

Section 25. The validity of the collection or receiving of taxes, revenue or other income of, by and for the District, of any bonds or other securities of the District or the issuance thereof, or of any elections conducted heretofore authorizing taxation or the issuance of bonds or other securities of the District shall not be affected or impaired by the provisions of this Act.

Section 26. If any provision of this Act or the application thereof to any person or circumstances shall be held invalid, the remainder of the Act and the application of such provision to other persons or circumstances shall not be affected thereby.

Section 27. Wherever there is any conflict between this Act and any other laws or parts of laws, or any provisions of said Chapter 276, Acts of the Forty-fifth Legislature, 1937, as subsequently amended, the provisions of this Act shall prevail.

Section 28. Severability Clause. The provisions of this Act are severable. If any Section, Subsection, provision or part whatsoever of this Act should be held to be void as in violation of the Constitution, it shall not affect the validity of the remaining portions thereof, and it is hereby declared to be the legislative intent that this Act would have been passed as to the remaining portions hereof, regardless of the invalidity of any part.

CH. 836, 61st Leg., R.S., 1969

Section 10. If any provision of this Act or the application thereof to any person or circumstances shall be held invalid, the remainder of the Act and the application of such provision to other persons or circumstances shall not be affected thereby.

Section 11. Wherever there is any conflict between this Act, and any other laws or parts of laws, or any provisions of said Chapter 276, Acts of the 45th Legislature, 1937, as amended, the provisions of this Act shall prevail.

Section 12. The provisions of this Act are severable. If any Section, subsection, provision or part whatsoever of this Act should be held to be void as in violation of the Constitution, it shall not affect the validity of the remaining portions thereof, and it is hereby declared to be the legislative intent that this Act would have been passed as to the remaining portions hereof, regardless of the invalidity of any part.

CH. 604, 64th Leg., R.S., 1975

Section 2. The legislature specifically finds and declares that the requirements of Article XVI, Section 59(d), of the Texas Constitution have been done and accomplished in due course and time and in due order and that the legislature has the power and authority to enact this Act.

TRANSITION/SAVINGS CLAUSES

(2 of 2)

CH. 60, 67th Leg., R.S., 1981

Section 4. All proceedings, actions, and elections of the San Antonio River Authority are in all things and all respects ratified, confirmed, approved, and validated, notwithstanding that any of the proceedings, actions, and elections of the San Antonio River Authority may not in all respects have been done in accordance with law.

Section 5. The persons who are directors of the San Antonio River Authority on the effective date of this Act shall continue in office until their successors are elected and have qualified under amendments made to Chapter 276, Acts of the 45th Legislature, Regular Session, 1937, as amended (Article 8280-119, Vernon's Texas Civil Statutes), by this Act.

CH. 701, 70th Leg., R.S., 1987

SECTION 2. (a) The residency requirements of Subsection (c), Section 10, Chapter 276, Acts of the 45th Legislature, Regular Session, 1937, as amended by this Act, do not apply to persons serving as directors when this Act takes effect or to candidates for District 2 at the 1989 election or to candidates for District 4 at the 1991 election.

(b) The directors for Bexar County elected in 1989, 1991, and 1993 shall be elected as follows:

- (1) election of directors for Districts 1 and 2 in January, 1989;
- (2) election of directors for Districts 3 and 4 in January, 1991; and
- (3) election of directors for the two at-large positions in January, 1993.

SECTION 3. The legislature finds that proper and legal notice of the intention to introduce this Act, setting forth the general substance of this Act, has been published as provided by law, and the notice and a copy of this Act has been furnished to all persons, agencies, officials, or entities to which they are required to be furnished by the constitution and laws of this state, including the governor of Texas, who has submitted the notice and Act to the Texas Water Commission. Also, the legislature finds that the Texas Water Commission has filed its recommendations relating to this Act with the governor, lieutenant governor, and speaker of the house of representatives within the required time. All requirements of the constitution and laws of this state and the rules and procedures of the legislature with respect to the notice, introduction, and passage of this Act have been fulfilled and accomplished.

SECTION 13.

(a) The change in law made by this Act to the terms of the directors of the San Antonio River Authority applies only to the term of a director who is appointed or elected on or after the effective date of this Act.

(b) The two at-large director positions for Bexar County shall be scheduled for election on the November uniform election date in 2023. The person who receives the highest number of votes shall be elected to the first at-large Bexar County director position and shall serve a four-year term beginning January 1, 2024, and ending December 31, 2027. An election shall be scheduled for that position on the November uniform election date in 2027 and every four years thereafter. The person who receives the second highest number of votes shall be elected to the second at-large Bexar County director position and shall serve a two-year term beginning January 1, 2024, and ending December 31, 2025. An election shall be scheduled for that position on the November uniform election date in 2025 and every four years thereafter for a four-year term beginning on January 1 of the year following each election.

(c) The following director positions shall be scheduled for election on the November uniform election date in 2025 and every four years thereafter, and the directors elected to each position shall serve four-year terms beginning January 1 of the year following each election:

- (1) the single-member district director elected from Bexar County commissioners court precinct 1;
- (2) the single-member district director elected from Bexar County commissioners court precinct 2;
- (3) the at-large director position for Karnes County for which an election was held, or scheduled to be held but canceled because of an unopposed candidate, in November 2019;
- (4) the at-large director position for Goliad County for which an election was held, or scheduled to be held but canceled because of an unopposed candidate, in November 2019; and
- (5) the at-large director position for Wilson County for which an election was held, or scheduled to be held but canceled because of an unopposed candidate, in November 2019.

(d) The following director positions shall be scheduled for election on the November uniform election date in 2027 and every four years thereafter, and the directors elected to those director positions shall serve four-year terms beginning January 1 of the year following each election:

- (1) the single-member district director elected from Bexar County commissioners court precinct 3;
- (2) the single-member district director elected from Bexar County commissioners court precinct 4;
- (3) the at-large director position for Karnes County for which an election was held, or scheduled to be held but canceled because of an unopposed candidate, in November 2021;
- (4) the at-large director position for Goliad County for which an election was held, or scheduled to be held but canceled because of an unopposed candidate, in November 2021; and

(5) the at-large director position for Wilson County for which an election was held, or scheduled to be held but canceled because of an unopposed candidate, in November 2021.

(e) The members of the board of directors serving in the director positions described by Subsections (b), (c), and (d) of this section on the effective date of this Act shall continue to serve until their successors have been elected and qualified.

(f) Notwithstanding Section 13-a, Chapter 276, Acts of the 45th Legislature, Regular Session, 1937, as added by this Act, a person serving on the board of directors of the district may vote, deliberate, and be counted as a director in attendance at a meeting of the board until December 1, 2023.

SECTION 14.

(a) The legal notice of the intention to introduce this Act, setting forth the general substance of this Act, has been published as provided by law, and the notice and a copy of this Act have been furnished to all persons, agencies, officials, or entities to which they are required to be furnished under Section 59, Article XVI, Texas Constitution, and Chapter 313, Government Code.

(b) The governor, one of the required recipients, has submitted the notice and Act to the Texas Commission on Environmental Quality.

(c) The Texas Commission on Environmental Quality has filed its recommendations relating to this Act with the governor, the lieutenant governor, and the speaker of the house of representatives within the required time.

(d) All requirements of the constitution and laws of this state and the rules and procedures of the legislature with respect to the notice, introduction, and passage of this Act are fulfilled and accomplished.

SECTION 15.

(a) Except as provided by Subsection (b) of this section, this Act takes effect immediately if it receives a vote of two-thirds of all the members elected to each house, as provided by Section 39, Article III, Texas Constitution. If this Act does not receive the vote necessary for immediate effect, this Act takes effect September 1, 2023.

(b) Section 14-b, Chapter 276, Acts of the 45th Legislature, Regular Session, 1937, as added by this Act, takes effect January 1, 2025.



TPDES PERMIT NO.
WQ0010749001
*[For TCEQ office use only - EPA I.D.
No. TX0053074]*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
P.O. Box 13087
Austin, Texas 78711-3087

This is a renewal that replaces TPDES
Permit No. WQ0010749001 issued on
March 9, 2015.

PERMIT TO DISCHARGE WASTES
under provisions of
Section 402 of the Clean Water Act
and Chapter 26 of the Texas Water Code

San Antonio River Authority

whose mailing address is

100 East Guenther
San Antonio, Texas 78204

is authorized to treat and discharge wastes from the Salitrillo Creek Wastewater Treatment Facility, SIC Code 4952

located at 9638 Schaefer Road, in the City of Converse in Bexar County, Texas 78109

to an unnamed ditch, thence to Salitrillo Creek, thence to Martinez Creek Soil Conservation Service Dam No. 6A Reservoir, thence to Salitrillo Creek, thence to Martinez Creek, thence to Lower Cibolo Creek in Segment No. 1902 of the San Antonio River Basin

only according to effluent limitations, monitoring requirements, and other conditions set forth in this permit, as well as the rules of the Texas Commission on Environmental Quality (TCEQ), the laws of the State of Texas, and other orders of the TCEQ. The issuance of this permit does not grant to the permittee the right to use private or public property for conveyance of wastewater along the discharge route described in this permit. This includes, but is not limited to, property belonging to any individual, partnership, corporation, or other entity. Neither does this permit authorize any invasion of personal rights nor any violation of federal, state, or local laws or regulations. It is the responsibility of the permittee to acquire property rights as may be necessary to use the discharge route.

This permit shall expire at midnight, **five years from the date of issuance.**

ISSUED DATE:

August 11, 2020

A handwritten signature in cursive script, appearing to read "T. G. Baker", written over a horizontal line.

For the Commission

INTERIM EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

Outfall Number 001

1. During the period beginning upon the date of issuance and lasting through the completion of expansion to the 7.33 million gallons per day (MGD) facility, the permittee is authorized to discharge subject to the following effluent limitations:

The annual average flow of effluent shall not exceed 5.83 million gallons per day (MGD), nor shall the average discharge during any two-hour period (2-hour peak) exceed 10,204 gallons per minute (gpm).

Effluent Characteristic	Discharge Limitations				Min. Self-Monitoring Requirements	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Daily Max. Measurement Frequency	Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	7 (340)	12	22	32	Five/week	Composite
Total Suspended Solids	15 (729)	25	40	60	Five/week	Composite
Ammonia Nitrogen	2 (97)	5	10	15	Five/week	Composite
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	399	N/A	Daily	Grab

2. The permittee shall utilize an Ultraviolet Light (UV) system for disinfection purposes. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored five times per week by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain a minimum dissolved oxygen of 6.0 mg/l and shall be monitored five times per week by grab sample.
7. The annual average flow and maximum 2-hour peak flow shall be reported monthly.

FINAL EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTSOutfall Number 001

1. During the period beginning upon the completion of expansion to the 7.33 million gallons per day (MGD) facility and lasting through the date of expiration, the permittee is authorized to discharge subject to the following effluent limitations:

The annual average flow of effluent shall not exceed 7.33 MGD, nor shall the average discharge during any two-hour period (2-hour peak) exceed 12,726 gpm.

Effluent Characteristic	Discharge Limitations				Min. Self-Monitoring Requirements	
	Daily Avg mg/l (lbs/day)	7-day Avg mg/l	Daily Max mg/l	Single Grab mg/l	Report Daily Avg. & Daily Max. Measurement Frequency	Daily Max. Sample Type
Flow, MGD	Report	N/A	Report	N/A	Continuous	Totalizing Meter
Carbonaceous Biochemical Oxygen Demand (5-day)	7 (428)	12	22	32	Five/week	Composite
Total Suspended Solids	15 (917)	25	40	60	Five/week	Composite
Ammonia Nitrogen	2 (122)	5	10	15	Five/week	Composite
<i>E. coli</i> , colony-forming units or most probable number per 100 ml	126	N/A	399	N/A	Daily	Grab

2. The permittee shall utilize an Ultraviolet Light (UV) system for disinfection purposes. An equivalent method of disinfection may be substituted only with prior approval of the Executive Director.
3. The pH shall not be less than 6.0 standard units nor greater than 9.0 standard units and shall be monitored five times per week by grab sample.
4. There shall be no discharge of floating solids or visible foam in other than trace amounts and no discharge of visible oil.
5. Effluent monitoring samples shall be taken at the following location(s): Following the final treatment unit.
6. The effluent shall contain a minimum dissolved oxygen of 6.0 mg/l and shall be monitored five times per week by grab sample.
7. The annual average flow and maximum 2-hour peak flow shall be reported monthly.

DEFINITIONS AND STANDARD PERMIT CONDITIONS

As required by Title 30 Texas Administrative Code (TAC) Chapter 305, certain regulations appear as standard conditions in waste discharge permits. 30 TAC § 305.121 - 305.129 (relating to Permit Characteristics and Conditions) as promulgated under the Texas Water Code (TWC) §§ 5.103 and 5.105, and the Texas Health and Safety Code (THSC) §§ 361.017 and 361.024(a), establish the characteristics and standards for waste discharge permits, including sewage sludge, and those sections of 40 Code of Federal Regulations (CFR) Part 122 adopted by reference by the Commission. The following text includes these conditions and incorporates them into this permit. All definitions in TWC § 26.001 and 30 TAC Chapter 305 shall apply to this permit and are incorporated by reference. Some specific definitions of words or phrases used in this permit are as follows:

1. Flow Measurements

- a. Annual average flow - the arithmetic average of all daily flow determinations taken within the preceding 12 consecutive calendar months. The annual average flow determination shall consist of daily flow volume determinations made by a totalizing meter, charted on a chart recorder and limited to major domestic wastewater discharge facilities with one million gallons per day or greater permitted flow.
- b. Daily average flow - the arithmetic average of all determinations of the daily flow within a period of one calendar month. The daily average flow determination shall consist of determinations made on at least four separate days. If instantaneous measurements are used to determine the daily flow, the determination shall be the arithmetic average of all instantaneous measurements taken during that month. Daily average flow determination for intermittent discharges shall consist of a minimum of three flow determinations on days of discharge.
- c. Daily maximum flow - the highest total flow for any 24-hour period in a calendar month.
- d. Instantaneous flow - the measured flow during the minimum time required to interpret the flow measuring device.
- e. 2-hour peak flow (domestic wastewater treatment plants) - the maximum flow sustained for a two-hour period during the period of daily discharge. The average of multiple measurements of instantaneous maximum flow within a two-hour period may be used to calculate the 2-hour peak flow.
- f. Maximum 2-hour peak flow (domestic wastewater treatment plants) - the highest 2-hour peak flow for any 24-hour period in a calendar month.

2. Concentration Measurements

- a. Daily average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar month, consisting of at least four separate representative measurements.
 - i. For domestic wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values in the previous four consecutive month period consisting of at least four measurements shall be utilized as the daily average concentration.

- ii. For all other wastewater treatment plants - When four samples are not available in a calendar month, the arithmetic average (weighted by flow) of all values taken during the month shall be utilized as the daily average concentration.
- b. 7-day average concentration - the arithmetic average of all effluent samples, composite or grab as required by this permit, within a period of one calendar week, Sunday through Saturday.
- c. Daily maximum concentration - the maximum concentration measured on a single day, by the sample type specified in the permit, within a period of one calendar month.
- d. Daily discharge - the discharge of a pollutant measured during a calendar day or any 24-hour period that reasonably represents the calendar day for purposes of sampling. For pollutants with limitations expressed in terms of mass, the daily discharge is calculated as the total mass of the pollutant discharged over the sampling day. For pollutants with limitations expressed in other units of measurement, the daily discharge is calculated as the average measurement of the pollutant over the sampling day.

The daily discharge determination of concentration made using a composite sample shall be the concentration of the composite sample. When grab samples are used, the daily discharge determination of concentration shall be the arithmetic average (weighted by flow value) of all samples collected during that day.

- e. Bacteria concentration (*E. coli* or Enterococci) - Colony Forming Units (CFU) or Most Probable Number (MPN) of bacteria per 100 milliliters effluent. The daily average bacteria concentration is a geometric mean of the values for the effluent samples collected in a calendar month. The geometric mean shall be determined by calculating the n th root of the product of all measurements made in a calendar month, where n equals the number of measurements made; or, computed as the antilogarithm of the arithmetic mean of the logarithms of all measurements made in a calendar month. For any measurement of bacteria equaling zero, a substituted value of one shall be made for input into either computation method. If specified, the 7-day average for bacteria is the geometric mean of the values for all effluent samples collected during a calendar week.
 - f. Daily average loading (lbs/day) - the arithmetic average of all daily discharge loading calculations during a period of one calendar month. These calculations must be made for each day of the month that a parameter is analyzed. The daily discharge, in terms of mass (lbs/day), is calculated as (Flow, MGD x Concentration, mg/l x 8.34).
 - g. Daily maximum loading (lbs/day) - the highest daily discharge, in terms of mass (lbs/day), within a period of one calendar month.
3. Sample Type
- a. Composite sample - For domestic wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (a). For industrial wastewater, a composite sample is a sample made up of a minimum of three effluent portions collected in a continuous 24-hour period or during the period of daily discharge if less than 24 hours, and combined in volumes proportional to flow, and collected at the intervals required by 30 TAC § 319.9 (b).

- b. Grab sample - an individual sample collected in less than 15 minutes.
4. Treatment Facility (facility) - wastewater facilities used in the conveyance, storage, treatment, recycling, reclamation and/or disposal of domestic sewage, industrial wastes, agricultural wastes, recreational wastes, or other wastes including sludge handling or disposal facilities under the jurisdiction of the Commission.
5. The term "sewage sludge" is defined as solid, semi-solid, or liquid residue generated during the treatment of domestic sewage in 30 TAC Chapter 312. This includes the solids that have not been classified as hazardous waste separated from wastewater by unit processes.
6. Bypass - the intentional diversion of a waste stream from any portion of a treatment facility.

MONITORING AND REPORTING REQUIREMENTS

1. Self-Reporting

Monitoring results shall be provided at the intervals specified in the permit. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall conduct effluent sampling and reporting in accordance with 30 TAC §§ 319.4 - 319.12. Unless otherwise specified, effluent monitoring data shall be submitted each month, to the Compliance Monitoring Team of the Enforcement Division (MC 224), by the 20th day of the following month for each discharge which is described by this permit whether or not a discharge is made for that month. Monitoring results must be submitted online using the NetDMR reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. Monitoring results must be signed and certified as required by Monitoring and Reporting Requirements No. 10.

As provided by state law, the permittee is subject to administrative, civil and criminal penalties, as applicable, for negligently or knowingly violating the Clean Water Act (CWA); TWC §§ 26, 27, and 28; and THSC § 361, including but not limited to knowingly making any false statement, representation, or certification on any report, record, or other document submitted or required to be maintained under this permit, including monitoring reports or reports of compliance or noncompliance, or falsifying, tampering with or knowingly rendering inaccurate any monitoring device or method required by this permit or violating any other requirement imposed by state or federal regulations.

2. Test Procedures

- a. Unless otherwise specified in this permit, test procedures for the analysis of pollutants shall comply with procedures specified in 30 TAC §§ 319.11 - 319.12. Measurements, tests, and calculations shall be accurately accomplished in a representative manner.
- b. All laboratory tests submitted to demonstrate compliance with this permit must meet the requirements of 30 TAC § 25, Environmental Testing Laboratory Accreditation and Certification.

3. Records of Results

- a. Monitoring samples and measurements shall be taken at times and in a manner so as to be representative of the monitored activity.
- b. Except for records of monitoring information required by this permit related to the permittee's sewage sludge use and disposal activities, which shall be retained for a period

of at least five years (or longer as required by 40 CFR Part 503), monitoring and reporting records, including strip charts and records of calibration and maintenance, copies of all records required by this permit, records of all data used to complete the application for this permit, and the certification required by 40 CFR § 264.73(b)(9) shall be retained at the facility site, or shall be readily available for review by a TCEQ representative for a period of three years from the date of the record or sample, measurement, report, application or certification. This period shall be extended at the request of the Executive Director.

- c. Records of monitoring activities shall include the following:
 - i. date, time and place of sample or measurement;
 - ii. identity of individual who collected the sample or made the measurement.
 - iii. date and time of analysis;
 - iv. identity of the individual and laboratory who performed the analysis;
 - v. the technique or method of analysis; and
 - vi. the results of the analysis or measurement and quality assurance/quality control records.

The period during which records are required to be kept shall be automatically extended to the date of the final disposition of any administrative or judicial enforcement action that may be instituted against the permittee.

4. Additional Monitoring by Permittee

If the permittee monitors any pollutant at the location(s) designated herein more frequently than required by this permit using approved analytical methods as specified above, all results of such monitoring shall be included in the calculation and reporting of the values submitted on the approved self-report form. Increased frequency of sampling shall be indicated on the self-report form.

5. Calibration of Instruments

All automatic flow measuring or recording devices and all totalizing meters for measuring flows shall be accurately calibrated by a trained person at plant start-up and as often thereafter as necessary to ensure accuracy, but not less often than annually unless authorized by the Executive Director for a longer period. Such person shall verify in writing that the device is operating properly and giving accurate results. Copies of the verification shall be retained at the facility site and/or shall be readily available for review by a TCEQ representative for a period of three years.

6. Compliance Schedule Reports

Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule of the permit shall be submitted no later than 14 days following each schedule date to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224).

7. Noncompliance Notification

- a. In accordance with 30 TAC § 305.125(9) any noncompliance which may endanger human health or safety, or the environment shall be reported by the permittee to the TCEQ. Except as allowed by 30 TAC § 305.132, report of such information shall be provided orally or by facsimile transmission (FAX) to the Regional Office within 24 hours of becoming aware of the noncompliance. A written submission of such information shall also be provided by the permittee to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) within five working days of becoming aware of the noncompliance. For Publicly Owned Treatment Works (POTWs), effective September 1, 2020, the permittee must submit the written report for unauthorized discharges and unanticipated bypasses that exceed any effluent limit in the permit using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver. The written submission shall contain a description of the noncompliance and its cause; the potential danger to human health or safety, or the environment; the period of noncompliance, including exact dates and times; if the noncompliance has not been corrected, the time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance, and to mitigate its adverse effects.
 - b. The following violations shall be reported under Monitoring and Reporting Requirement 7.a.:
 - i. Unauthorized discharges as defined in Permit Condition 2(g).
 - ii. Any unanticipated bypass that exceeds any effluent limitation in the permit.
 - iii. Violation of a permitted maximum daily discharge limitation for pollutants listed specifically in the Other Requirements section of an Industrial TPDES permit.
 - c. In addition to the above, any effluent violation which deviates from the permitted effluent limitation by more than 40% shall be reported by the permittee in writing to the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) within 5 working days of becoming aware of the noncompliance.
 - d. Any noncompliance other than that specified in this section, or any required information not submitted or submitted incorrectly, shall be reported to the Compliance Monitoring Team of the Enforcement Division (MC 224) as promptly as possible. For effluent limitation violations, noncompliances shall be reported on the approved self-report form.
8. In accordance with the procedures described in 30 TAC §§ 35.301 - 35.303 (relating to Water Quality Emergency and Temporary Orders) if the permittee knows in advance of the need for a bypass, it shall submit prior notice by applying for such authorization.
9. Changes in Discharges of Toxic Substances

All existing manufacturing, commercial, mining, and silvicultural permittees shall notify the Regional Office, orally or by facsimile transmission within 24 hours, and both the Regional Office and the Compliance Monitoring Team of the Enforcement Division (MC 224) in writing within five (5) working days, after becoming aware of or having reason to believe:

- a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant listed at 40 CFR Part 122, Appendix D,

Tables II and III (excluding Total Phenols) which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":

- i. One hundred micrograms per liter (100 µg/L);
 - ii. Two hundred micrograms per liter (200 µg/L) for acrolein and acrylonitrile; five hundred micrograms per liter (500 µg/L) for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter (1 mg/L) for antimony;
 - iii. Five (5) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.
- b. That any activity has occurred or will occur which would result in any discharge, on a nonroutine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following "notification levels":
 - i. Five hundred micrograms per liter (500 µg/L);
 - ii. One milligram per liter (1 mg/L) for antimony;
 - iii. Ten (10) times the maximum concentration value reported for that pollutant in the permit application; or
 - iv. The level established by the TCEQ.

10. Signatories to Reports

All reports and other information requested by the Executive Director shall be signed by the person and in the manner required by 30 TAC § 305.128 (relating to Signatories to Reports).

11. All POTWs must provide adequate notice to the Executive Director of the following:

- a. Any new introduction of pollutants into the POTW from an indirect discharger which would be subject to CWA § 301 or § 306 if it were directly discharging those pollutants;
- b. Any substantial change in the volume or character of pollutants being introduced into that POTW by a source introducing pollutants into the POTW at the time of issuance of the permit; and
- c. For the purpose of this paragraph, adequate notice shall include information on:
 - i. The quality and quantity of effluent introduced into the POTW; and
 - ii. Any anticipated impact of the change on the quantity or quality of effluent to be discharged from the POTW.

PERMIT CONDITIONS

1. General

- a. When the permittee becomes aware that it failed to submit any relevant facts in a permit

application, or submitted incorrect information in an application or in any report to the Executive Director, it shall promptly submit such facts or information.

- b. This permit is granted on the basis of the information supplied and representations made by the permittee during action on an application, and relying upon the accuracy and completeness of that information and those representations. After notice and opportunity for a hearing, this permit may be modified, suspended, or revoked, in whole or in part, in accordance with 30 TAC Chapter 305, Subchapter D, during its term for good cause including, but not limited to, the following:
 - i. Violation of any terms or conditions of this permit;
 - ii. Obtaining this permit by misrepresentation or failure to disclose fully all relevant facts; or
 - iii. A change in any condition that requires either a temporary or permanent reduction or elimination of the authorized discharge.
- c. The permittee shall furnish to the Executive Director, upon request and within a reasonable time, any information to determine whether cause exists for amending, revoking, suspending or terminating the permit. The permittee shall also furnish to the Executive Director, upon request, copies of records required to be kept by the permit.

2. Compliance

- a. Acceptance of the permit by the person to whom it is issued constitutes acknowledgment and agreement that such person will comply with all the terms and conditions embodied in the permit, and the rules and other orders of the Commission.
- b. The permittee has a duty to comply with all conditions of the permit. Failure to comply with any permit condition constitutes a violation of the permit and the Texas Water Code or the Texas Health and Safety Code, and is grounds for enforcement action, for permit amendment, revocation, or suspension, or for denial of a permit renewal application or an application for a permit for another facility.
- c. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit.
- d. The permittee shall take all reasonable steps to minimize or prevent any discharge or sludge use or disposal or other permit violation that has a reasonable likelihood of adversely affecting human health or the environment.
- e. Authorization from the Commission is required before beginning any change in the permitted facility or activity that may result in noncompliance with any permit requirements.
- f. A permit may be amended, suspended and reissued, or revoked for cause in accordance with 30 TAC §§ 305.62 and 305.66 and TWC§ 7.302. The filing of a request by the permittee for a permit amendment, suspension and reissuance, or termination, or a notification of planned changes or anticipated noncompliance, does not stay any permit condition.
- g. There shall be no unauthorized discharge of wastewater or any other waste. For the

purpose of this permit, an unauthorized discharge is considered to be any discharge of wastewater into or adjacent to water in the state at any location not permitted as an outfall or otherwise defined in the Other Requirements section of this permit.

- h. In accordance with 30 TAC § 305.535(a), the permittee may allow any bypass to occur from a TPDES permitted facility which does not cause permitted effluent limitations to be exceeded or an unauthorized discharge to occur, but only if the bypass is also for essential maintenance to assure efficient operation.
- i. The permittee is subject to administrative, civil, and criminal penalties, as applicable, under TWC §§ 7.051 - 7.075 (relating to Administrative Penalties), 7.101 - 7.111 (relating to Civil Penalties), and 7.141 - 7.202 (relating to Criminal Offenses and Penalties) for violations including, but not limited to, negligently or knowingly violating the federal CWA §§ 301, 302, 306, 307, 308, 318, or 405, or any condition or limitation implementing any sections in a permit issued under the CWA § 402, or any requirement imposed in a pretreatment program approved under the CWA §§ 402 (a)(3) or 402 (b)(8).

3. Inspections and Entry

- a. Inspection and entry shall be allowed as prescribed in the TWC Chapters 26, 27, and 28, and THSC § 361.
- b. The members of the Commission and employees and agents of the Commission are entitled to enter any public or private property at any reasonable time for the purpose of inspecting and investigating conditions relating to the quality of water in the state or the compliance with any rule, regulation, permit or other order of the Commission. Members, employees, or agents of the Commission and Commission contractors are entitled to enter public or private property at any reasonable time to investigate or monitor or, if the responsible party is not responsive or there is an immediate danger to public health or the environment, to remove or remediate a condition related to the quality of water in the state. Members, employees, Commission contractors, or agents acting under this authority who enter private property shall observe the establishment's rules and regulations concerning safety, internal security, and fire protection, and if the property has management in residence, shall notify management or the person then in charge of his presence and shall exhibit proper credentials. If any member, employee, Commission contractor, or agent is refused the right to enter in or on public or private property under this authority, the Executive Director may invoke the remedies authorized in TWC § 7.002. The statement above, that Commission entry shall occur in accordance with an establishment's rules and regulations concerning safety, internal security, and fire protection, is not grounds for denial or restriction of entry to any part of the facility, but merely describes the Commission's duty to observe appropriate rules and regulations during an inspection.

4. Permit Amendment and/or Renewal

- a. The permittee shall give notice to the Executive Director as soon as possible of any planned physical alterations or additions to the permitted facility if such alterations or additions would require a permit amendment or result in a violation of permit requirements. Notice shall also be required under this paragraph when:
 - i. The alteration or addition to a permitted facility may meet one of the criteria for

determining whether a facility is a new source in accordance with 30 TAC § 305.534 (relating to New Sources and New Dischargers); or

- ii. The alteration or addition could significantly change the nature or increase the quantity of pollutants discharged. This notification applies to pollutants that are subject neither to effluent limitations in the permit, nor to notification requirements in Monitoring and Reporting Requirements No. 9; or
 - iii. The alteration or addition results in a significant change in the permittee's sludge use or disposal practices, and such alteration, addition, or change may justify the application of permit conditions that are different from or absent in the existing permit, including notification of additional use or disposal sites not reported during the permit application process or not reported pursuant to an approved land application plan.
- b. Prior to any facility modifications, additions, or expansions that will increase the plant capacity beyond the permitted flow, the permittee must apply for and obtain proper authorization from the Commission before commencing construction.
 - c. The permittee must apply for an amendment or renewal at least 180 days prior to expiration of the existing permit in order to continue a permitted activity after the expiration date of the permit. If an application is submitted prior to the expiration date of the permit, the existing permit shall remain in effect until the application is approved, denied, or returned. If the application is returned or denied, authorization to continue such activity shall terminate upon the effective date of the action. If an application is not submitted prior to the expiration date of the permit, the permit shall expire and authorization to continue such activity shall terminate.
 - d. Prior to accepting or generating wastes which are not described in the permit application or which would result in a significant change in the quantity or quality of the existing discharge, the permittee must report the proposed changes to the Commission. The permittee must apply for a permit amendment reflecting any necessary changes in permit conditions, including effluent limitations for pollutants not identified and limited by this permit.
 - e. In accordance with the TWC § 26.029(b), after a public hearing, notice of which shall be given to the permittee, the Commission may require the permittee, from time to time, for good cause, in accordance with applicable laws, to conform to new or additional conditions.
 - f. If any toxic effluent standard or prohibition (including any schedule of compliance specified in such effluent standard or prohibition) is promulgated under CWA § 307(a) for a toxic pollutant which is present in the discharge and that standard or prohibition is more stringent than any limitation on the pollutant in this permit, this permit shall be modified or revoked and reissued to conform to the toxic effluent standard or prohibition. The permittee shall comply with effluent standards or prohibitions established under CWA § 307(a) for toxic pollutants within the time provided in the regulations that established those standards or prohibitions, even if the permit has not yet been modified to incorporate the requirement.
5. Permit Transfer
 - a. Prior to any transfer of this permit, Commission approval must be obtained. The Commission shall be notified in writing of any change in control or ownership of

facilities authorized by this permit. Such notification should be sent to the Applications Review and Processing Team (MC 148) of the Water Quality Division.

- b. A permit may be transferred only according to the provisions of 30 TAC § 305.64 (relating to Transfer of Permits) and 30 TAC § 50.133 (relating to Executive Director Action on Application or WQMP update).

6. Relationship to Hazardous Waste Activities

This permit does not authorize any activity of hazardous waste storage, processing, or disposal that requires a permit or other authorization pursuant to the Texas Health and Safety Code.

7. Relationship to Water Rights

Disposal of treated effluent by any means other than discharge directly to water in the state must be specifically authorized in this permit and may require a permit pursuant to TWC Chapter 11.

8. Property Rights

A permit does not convey any property rights of any sort, or any exclusive privilege.

9. Permit Enforceability

The conditions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstances, is held invalid, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected thereby.

10. Relationship to Permit Application

The application pursuant to which the permit has been issued is incorporated herein; provided, however, that in the event of a conflict between the provisions of this permit and the application, the provisions of the permit shall control.

11. Notice of Bankruptcy

- a. Each permittee shall notify the Executive Director, in writing, immediately following the filing of a voluntary or involuntary petition for bankruptcy under any chapter of Title 11 (Bankruptcy) of the United States Code (11 USC) by or against:
 - i. the permittee;
 - ii. an entity (as that term is defined in 11 USC, § 101(14)) controlling the permittee or listing the permit or permittee as property of the estate; or
 - iii. an affiliate (as that term is defined in 11 USC, § 101(2)) of the permittee.
- b. This notification must indicate:
 - i. the name of the permittee and the permit number(s);
 - ii. the bankruptcy court in which the petition for bankruptcy was filed; and

- iv. the date of filing of the petition.

OPERATIONAL REQUIREMENTS

1. The permittee shall at all times ensure that the facility and all of its systems of collection, treatment, and disposal are properly operated and maintained. This includes, but is not limited to, the regular, periodic examination of wastewater solids within the treatment plant by the operator in order to maintain an appropriate quantity and quality of solids inventory as described in the various operator training manuals and according to accepted industry standards for process control. Process control, maintenance, and operations records shall be retained at the facility site, or shall be readily available for review by a TCEQ representative, for a period of three years.
2. Upon request by the Executive Director, the permittee shall take appropriate samples and provide proper analysis in order to demonstrate compliance with Commission rules. Unless otherwise specified in this permit or otherwise ordered by the Commission, the permittee shall comply with all applicable provisions of 30 TAC Chapter 312 concerning sewage sludge use and disposal and 30 TAC §§ 319.21 - 319.29 concerning the discharge of certain hazardous metals.
3. Domestic wastewater treatment facilities shall comply with the following provisions:
 - a. The permittee shall notify the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, in writing, of any facility expansion at least 90 days prior to conducting such activity.
 - b. The permittee shall submit a closure plan for review and approval to the Municipal Permits Team, Wastewater Permitting Section (MC 148) of the Water Quality Division, for any closure activity at least 90 days prior to conducting such activity. Closure is the act of permanently taking a waste management unit or treatment facility out of service and includes the permanent removal from service of any pit, tank, pond, lagoon, surface impoundment and/or other treatment unit regulated by this permit.
4. The permittee is responsible for installing prior to plant start-up, and subsequently maintaining, adequate safeguards to prevent the discharge of untreated or inadequately treated wastes during electrical power failures by means of alternate power sources, standby generators, and/or retention of inadequately treated wastewater.
5. Unless otherwise specified, the permittee shall provide a readily accessible sampling point and, where applicable, an effluent flow measuring device or other acceptable means by which effluent flow may be determined.
6. The permittee shall remit an annual water quality fee to the Commission as required by 30 TAC Chapter 21. Failure to pay the fee may result in revocation of this permit under TWC § 7.302(b)(6).
7. Documentation

For all written notifications to the Commission required of the permittee by this permit, the permittee shall keep and make available a copy of each such notification under the same conditions as self-monitoring data are required to be kept and made available. Except for

information required for TPDES permit applications, effluent data, including effluent data in permits, draft permits and permit applications, and other information specified as not confidential in 30 TAC §§ 1.5(d), any information submitted pursuant to this permit may be claimed as confidential by the submitter. Any such claim must be asserted in the manner prescribed in the application form or by stamping the words confidential business information on each page containing such information. If no claim is made at the time of submission, information may be made available to the public without further notice. If the Commission or Executive Director agrees with the designation of confidentiality, the TCEQ will not provide the information for public inspection unless required by the Texas Attorney General or a court pursuant to an open records request. If the Executive Director does not agree with the designation of confidentiality, the person submitting the information will be notified.

8. Facilities that generate domestic wastewater shall comply with the following provisions; domestic wastewater treatment facilities at permitted industrial sites are excluded.
 - a. Whenever flow measurements for any domestic sewage treatment facility reach 75% of the permitted daily average or annual average flow for three consecutive months, the permittee must initiate engineering and financial planning for expansion and/or upgrading of the domestic wastewater treatment and/or collection facilities. Whenever the flow reaches 90% of the permitted daily average or annual average flow for three consecutive months, the permittee shall obtain necessary authorization from the Commission to commence construction of the necessary additional treatment and/or collection facilities. In the case of a domestic wastewater treatment facility which reaches 75% of the permitted daily average or annual average flow for three consecutive months, and the planned population to be served or the quantity of waste produced is not expected to exceed the design limitations of the treatment facility, the permittee shall submit an engineering report supporting this claim to the Executive Director of the Commission.

If in the judgment of the Executive Director the population to be served will not cause permit noncompliance, then the requirement of this section may be waived. To be effective, any waiver must be in writing and signed by the Director of the Enforcement Division (MC 219) of the Commission, and such waiver of these requirements will be reviewed upon expiration of the existing permit; however, any such waiver shall not be interpreted as condoning or excusing any violation of any permit parameter.

- b. The plans and specifications for domestic sewage collection and treatment works associated with any domestic permit must be approved by the Commission and failure to secure approval before commencing construction of such works or making a discharge is a violation of this permit and each day is an additional violation until approval has been secured.
 - c. Permits for domestic wastewater treatment plants are granted subject to the policy of the Commission to encourage the development of area-wide waste collection, treatment, and disposal systems. The Commission reserves the right to amend any domestic wastewater permit in accordance with applicable procedural requirements to require the system covered by this permit to be integrated into an area-wide system, should such be developed; to require the delivery of the wastes authorized to be collected in, treated by or discharged from said system, to such area-wide system; or to amend this permit in any other particular to effectuate the Commission's policy. Such amendments may be

made when the changes required are advisable for water quality control purposes and are feasible on the basis of waste treatment technology, engineering, financial, and related considerations existing at the time the changes are required, exclusive of the loss of investment in or revenues from any then existing or proposed waste collection, treatment or disposal system.

9. Domestic wastewater treatment plants shall be operated and maintained by sewage plant operators holding a valid certificate of competency at the required level as defined in 30 TAC Chapter 30.
10. For Publicly Owned Treatment Works (POTWs), the 30-day average (or monthly average) percent removal for BOD and TSS shall not be less than 85%, unless otherwise authorized by this permit.
11. Facilities that generate industrial solid waste as defined in 30 TAC § 335.1 shall comply with these provisions:
 - a. Any solid waste, as defined in 30 TAC § 335.1 (including but not limited to such wastes as garbage, refuse, sludge from a waste treatment, water supply treatment plant or air pollution control facility, discarded materials, discarded materials to be recycled, whether the waste is solid, liquid, or semisolid), generated by the permittee during the management and treatment of wastewater, must be managed in accordance with all applicable provisions of 30 TAC Chapter 335, relating to Industrial Solid Waste Management.
 - b. Industrial wastewater that is being collected, accumulated, stored, or processed before discharge through any final discharge outfall, specified by this permit, is considered to be industrial solid waste until the wastewater passes through the actual point source discharge and must be managed in accordance with all applicable provisions of 30 TAC Chapter 335.
 - c. The permittee shall provide written notification, pursuant to the requirements of 30 TAC § 335.8(b)(1), to the Corrective Action Section (MC 221) of the Remediation Division informing the Commission of any closure activity involving an Industrial Solid Waste Management Unit, at least 90 days prior to conducting such an activity.
 - d. Construction of any industrial solid waste management unit requires the prior written notification of the proposed activity to the Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division. No person shall dispose of industrial solid waste, including sludge or other solids from wastewater treatment processes, prior to fulfilling the deed recordation requirements of 30 TAC § 335.5.
 - e. The term "industrial solid waste management unit" means a landfill, surface impoundment, waste-pile, industrial furnace, incinerator, cement kiln, injection well, container, drum, salt dome waste containment cavern, or any other structure vessel, appurtenance, or other improvement on land used to manage industrial solid waste.
 - f. The permittee shall keep management records for all sludge (or other waste) removed from any wastewater treatment process. These records shall fulfill all applicable requirements of 30 TAC § 335 and must include the following, as it pertains to wastewater treatment and discharge:

- i. Volume of waste and date(s) generated from treatment process;
- ii. Volume of waste disposed of on-site or shipped off-site;
- iii. Date(s) of disposal;
- iv. Identity of hauler or transporter;
- v. Location of disposal site; and
- vi. Method of final disposal.

The above records shall be maintained on a monthly basis. The records shall be retained at the facility site, or shall be readily available for review by authorized representatives of the TCEQ for at least five years.

12. For industrial facilities to which the requirements of 30 TAC § 335 do not apply, sludge and solid wastes, including tank cleaning and contaminated solids for disposal, shall be disposed of in accordance with THSC § 361.

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SLUDGE PROVISIONS

The permittee is authorized to dispose of sludge only at a Texas Commission on Environmental Quality (TCEQ) authorized land application site, co-disposal landfill, wastewater treatment facility, or facility that further processes sludge. **The disposal of sludge by land application on property owned, leased or under the direct control of the permittee is a violation of the permit unless the site is authorized with the TCEQ. This provision does not authorize Distribution and Marketing of Class A or Class AB Sewage Sludge. This provision does not authorize the permittee to land apply sludge on property owned, leased or under the direct control of the permittee.**

SECTION I. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE LAND APPLICATION

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge in accordance with 30 TAC § 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.
2. In all cases, if the person (permit holder) who prepares the sewage sludge supplies the sewage sludge to another person for land application use or to the owner or lease holder of the land, the permit holder shall provide necessary information to the parties who receive the sludge to assure compliance with these regulations.

B. Testing Requirements

1. Sewage sludge shall be tested annually in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I [Toxicity Characteristic Leaching Procedure (TCLP)] or other method that receives the prior approval of the TCEQ for the contaminants listed in 40 CFR Part 261.24, Table 1. Sewage sludge failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal. Following failure of any TCLP test, the management or disposal of sewage sludge at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 13) within seven (7) days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P.O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 13) and the Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

2. Sewage sludge shall not be applied to the land if the concentration of the pollutants exceeds the pollutant concentration criteria in Table 1. The frequency of testing for pollutants in Table 1 is found in Section I.C. of this permit.

TABLE 1

<u>Pollutant</u>	<u>Ceiling Concentration</u> <u>(Milligrams per kilogram)*</u>
Arsenic	75
Cadmium	85
Chromium	3000
Copper	4300
Lead	840
Mercury	57
Molybdenum	75
Nickel	420
PCBs	49
Selenium	100
Zinc	7500

* Dry weight basis

3. Pathogen Control

All sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site must be treated by one of the following methods to ensure that the sludge meets either the Class A, Class AB or Class B pathogen requirements.

- a. For sewage sludge to be classified as Class A with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 most probable number (MPN) per gram of total solids (dry weight basis), or the density of Salmonella sp. bacteria in the sewage sludge must be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 1 - The temperature of the sewage sludge that is used or disposed shall be maintained at or above a specific value for a period of time. See 30 TAC § 312.82(a)(2)(A) for specific information;

Alternative 5 (PFRP) - Sewage sludge that is used or disposed of must be treated in one of the Processes to Further Reduce Pathogens (PFRP) described in 40 CFR Part 503, Appendix B. PFRP include composting, heat drying, heat treatment, and thermophilic aerobic digestion; or

Alternative 6 (PFRP Equivalent) - Sewage sludge that is used or disposed of must be treated in a process that has been approved by the U. S. Environmental Protection Agency as being equivalent to those in Alternative 5.

- b. For sewage sludge to be classified as Class AB with respect to pathogens, the density of fecal coliform in the sewage sludge must be less than 1,000 MPN per gram of total solids (dry weight basis), or the density of *Salmonella* sp. bacteria in the sewage sludge be less than three MPN per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. In addition, one of the alternatives listed below must be met:

Alternative 2 - The pH of the sewage sludge that is used or disposed shall be raised to above 12 std. units and shall remain above 12 std. units for 72 hours.

The temperature of the sewage sludge shall be above 52° Celsius for 12 hours or longer during the period that the pH of the sewage sludge is above 12 std. units.

At the end of the 72-hour period during which the pH of the sewage sludge is above 12 std. units, the sewage sludge shall be air dried to achieve a percent solids in the sewage sludge greater than 50%; or

Alternative 3 - The sewage sludge shall be analyzed for enteric viruses prior to pathogen treatment. The limit for enteric viruses is less than one Plaque-forming Unit per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(i-iii) for specific information. The sewage sludge shall be analyzed for viable helminth ova prior to pathogen treatment. The limit for viable helminth ova is less than one per four grams of total solids (dry weight basis) either before or following pathogen treatment. See 30 TAC § 312.82(a)(2)(C)(iv-vi) for specific information; or

Alternative 4 - The density of enteric viruses in the sewage sludge shall be less than one Plaque-forming Unit per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed. The density of viable helminth ova in the sewage sludge shall be less than one per four grams of total solids (dry weight basis) at the time the sewage sludge is used or disposed.

- c. Sewage sludge that meets the requirements of Class AB sewage sludge may be classified a Class A sewage sludge if a variance request is submitted in writing that is supported by substantial documentation demonstrating equivalent methods for reducing odors and written approval is granted by the executive director. The executive director may deny the variance request or revoke that approved variance if it is determined that the variance may potentially endanger human health or the environment, or create nuisance odor conditions.
- d. Three alternatives are available to demonstrate compliance with Class B criteria for

sewage sludge.

Alternative 1

- i. A minimum of seven random samples of the sewage sludge shall be collected within 48 hours of the time the sewage sludge is used or disposed of during each monitoring episode for the sewage sludge.
- ii. The geometric mean of the density of fecal coliform in the samples collected shall be less than either 2,000,000 MPN per gram of total solids (dry weight basis) or 2,000,000 Colony Forming Units per gram of total solids (dry weight basis).

Alternative 2 - Sewage sludge that is used or disposed of shall be treated in one of the Processes to Significantly Reduce Pathogens (PSRP) described in 40 CFR Part 503, Appendix B, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a single location, except as provided in paragraph v. below;
- ii. An independent Texas Licensed Professional Engineer must make a certification to the generator of a sewage sludge that the wastewater treatment facility generating the sewage sludge is designed to achieve one of the PSRP at the permitted design loading of the facility. The certification need only be repeated if the design loading of the facility is increased. The certification shall include a statement indicating the design meets all the applicable standards specified in Appendix B of 40 CFR Part 503;
- iii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iv. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review; and
- v. If the sewage sludge is generated from a mixture of sources, resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the PSRP, and shall meet the certification, operation, and record keeping requirements of this paragraph.

Alternative 3 - Sewage sludge shall be treated in an equivalent process that has been approved by the U.S. Environmental Protection Agency, so long as all of the following requirements are met by the generator of the sewage sludge.

- i. Prior to use or disposal, all the sewage sludge must have been generated from a

single location, except as provided in paragraph v. below;

- ii. Prior to any off-site transportation or on-site use or disposal of any sewage sludge generated at a wastewater treatment facility, the chief certified operator of the wastewater treatment facility or other responsible official who manages the processes to significantly reduce pathogens at the wastewater treatment facility for the permittee, shall certify that the sewage sludge underwent at least the minimum operational requirements necessary in order to meet one of the PSRP. The acceptable processes and the minimum operational and record keeping requirements shall be in accordance with established U.S. Environmental Protection Agency final guidance;
- iii. All certification records and operational records describing how the requirements of this paragraph were met shall be kept by the generator for a minimum of three years and be available for inspection by commission staff for review;
- iv. The Executive Director will accept from the U.S. Environmental Protection Agency a finding of equivalency to the defined PSRP; and
- v. If the sewage sludge is generated from a mixture of sources resulting from a person who prepares sewage sludge from more than one wastewater treatment facility, the resulting derived product shall meet one of the Processes to Significantly Reduce Pathogens, and shall meet the certification, operation, and record keeping requirements of this paragraph.

In addition to the Alternatives 1 – 3, the following site restrictions must be met if Class B sludge is land applied:

- i. Food crops with harvested parts that touch the sewage sludge/soil mixture and are totally above the land surface shall not be harvested for 14 months after application of sewage sludge.
- ii. Food crops with harvested parts below the surface of the land shall not be harvested for 20 months after application of sewage sludge when the sewage sludge remains on the land surface for 4 months or longer prior to incorporation into the soil.
- iii. Food crops with harvested parts below the surface of the land shall not be harvested for 38 months after application of sewage sludge when the sewage sludge remains on the land surface for less than 4 months prior to incorporation into the soil.
- iv. Food crops, feed crops, and fiber crops shall not be harvested for 30 days after application of sewage sludge.
- v. Animals shall not be allowed to graze on the land for 30 days after application of sewage sludge.
- vi. Turf grown on land where sewage sludge is applied shall not be harvested for 1 year after application of the sewage sludge when the harvested turf is placed on either land with a high potential for public exposure or a lawn.

- vii. Public access to land with a high potential for public exposure shall be restricted for 1 year after application of sewage sludge.
- viii. Public access to land with a low potential for public exposure shall be restricted for 30 days after application of sewage sludge.
- ix. Land application of sludge shall be in accordance with the buffer zone requirements found in 30 TAC § 312.44.

4. Vector Attraction Reduction Requirements

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, or a reclamation site shall be treated by one of the following Alternatives 1 through 10 for vector attraction reduction.

- Alternative 1 - The mass of volatile solids in the sewage sludge shall be reduced by a minimum of 38%.
- Alternative 2 - If Alternative 1 cannot be met for an anaerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge anaerobically in the laboratory in a bench-scale unit for 40 additional days at a temperature between 30° and 37° Celsius. Volatile solids must be reduced by less than 17% to demonstrate compliance.
- Alternative 3 - If Alternative 1 cannot be met for an aerobically digested sludge, demonstration can be made by digesting a portion of the previously digested sludge with percent solids of two percent or less aerobically in the laboratory in a bench-scale unit for 30 additional days at 20° Celsius. Volatile solids must be reduced by less than 15% to demonstrate compliance.
- Alternative 4 - The specific oxygen uptake rate (SOUR) for sewage sludge treated in an aerobic process shall be equal to or less than 1.5 milligrams of oxygen per hour per gram of total solids (dry weight basis) at a temperature of 20° Celsius.
- Alternative 5 - Sewage sludge shall be treated in an aerobic process for 14 days or longer. During that time, the temperature of the sewage sludge shall be higher than 40° Celsius and the average temperature of the sewage sludge shall be higher than 45° Celsius.
- Alternative 6 - The pH of sewage sludge shall be raised to 12 or higher by alkali addition and, without the addition of more alkali shall remain at 12 or higher for two hours and then remain at a pH of 11.5 or higher for an additional 22 hours at the time the sewage sludge is prepared for sale or given away in a bag or other container.
- Alternative 7 - The percent solids of sewage sludge that does not contain unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 75% based on the moisture content and total solids prior to mixing with other materials. Unstabilized solids are

defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

Alternative 8 - The percent solids of sewage sludge that contains unstabilized solids generated in a primary wastewater treatment process shall be equal to or greater than 90% based on the moisture content and total solids prior to mixing with other materials at the time the sludge is used. Unstabilized solids are defined as organic materials in sewage sludge that have not been treated in either an aerobic or anaerobic treatment process.

- Alternative 9 -
- i. Sewage sludge shall be injected below the surface of the land.
 - ii. No significant amount of the sewage sludge shall be present on the land surface within one hour after the sewage sludge is injected.
 - iii. When sewage sludge that is injected below the surface of the land is Class A or Class AB with respect to pathogens, the sewage sludge shall be injected below the land surface within eight hours after being discharged from the pathogen treatment process.

- Alternative 10-
- i. Sewage sludge applied to the land surface or placed on a surface disposal site shall be incorporated into the soil within six hours after application to or placement on the land.
 - ii. When sewage sludge that is incorporated into the soil is Class A or Class AB with respect to pathogens, the sewage sludge shall be applied to or placed on the land within eight hours after being discharged from the pathogen treatment process.

C. Monitoring Requirements

Toxicity Characteristic Leaching Procedure (TCLP) Test - annually
 PCBs - annually

All metal constituents and fecal coliform or *Salmonella* sp. bacteria shall be monitored at the appropriate frequency shown below, pursuant to 30 TAC § 312.46(a)(1):

<u>Amount of sewage sludge (*) metric tons per 365-day period</u>	<u>Monitoring Frequency</u>
0 to less than 290	Once/Year
290 to less than 1,500	Once/Quarter
1,500 to less than 15,000	Once/Two Months
15,000 or greater	Once/Month

(*) *The amount of bulk sewage sludge applied to the land (dry wt. basis).*

Representative samples of sewage sludge shall be collected and analyzed in accordance with the methods referenced in 30 TAC § 312.7

Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.

Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.

Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.

SECTION II. REQUIREMENTS SPECIFIC TO BULK SEWAGE SLUDGE FOR APPLICATION TO THE LAND MEETING CLASS A, CLASS AB or B PATHOGEN REDUCTION AND THE CUMULATIVE LOADING RATES IN TABLE 2, OR CLASS B PATHOGEN REDUCTION AND THE POLLUTANT CONCENTRATIONS IN TABLE 3

For those permittees meeting Class A, Class AB or B pathogen reduction requirements and that meet the cumulative loading rates in Table 2 below, or the Class B pathogen reduction requirements and contain concentrations of pollutants below listed in Table 3, the following conditions apply:

A. Pollutant Limits

Table 2

<u>Pollutant</u>	Cumulative Pollutant Loading Rate (pounds per acre)*
Arsenic	36
Cadmium	35
Chromium	2677
Copper	1339
Lead	268
Mercury	15
Molybdenum	Report Only
Nickel	375
Selenium	89
Zinc	2500

Table 3

<u>Pollutant</u>	Monthly Average Concentration (milligrams per kilogram)*
Arsenic	41
Cadmium	39
Chromium	1200
Copper	1500
Lead	300
Mercury	17
Molybdenum	Report Only
Nickel	420
Selenium	36
Zinc	2800

*Dry weight basis

B. Pathogen Control

All bulk sewage sludge that is applied to agricultural land, forest, a public contact site, a reclamation site, shall be treated by either Class A, Class AB or Class B pathogen reduction requirements as defined above in Section I.B.3.

C. Management Practices

1. Bulk sewage sludge shall not be applied to agricultural land, forest, a public contact site, or a reclamation site that is flooded, frozen, or snow-covered so that the bulk sewage sludge enters a wetland or other waters in the State.
2. Bulk sewage sludge not meeting Class A requirements shall be land applied in a manner which complies with Applicability in accordance with 30 TAC §312.41 and the Management Requirements in accordance with 30 TAC § 312.44.
3. Bulk sewage sludge shall be applied at or below the agronomic rate of the cover crop.
4. An information sheet shall be provided to the person who receives bulk sewage sludge sold or given away. The information sheet shall contain the following information:
 - a. The name and address of the person who prepared the sewage sludge that is sold or given away in a bag or other container for application to the land.
 - b. A statement that application of the sewage sludge to the land is prohibited except in accordance with the instruction on the label or information sheet.
 - c. The annual whole sludge application rate for the sewage sludge application rate for the sewage sludge that does not cause any of the cumulative pollutant loading rates in Table 2 above to be exceeded, unless the pollutant concentrations in Table 3 found in Section II above are met.

D. Notification Requirements

1. If bulk sewage sludge is applied to land in a State other than Texas, written notice shall be provided prior to the initial land application to the permitting authority for the State in which the bulk sewage sludge is proposed to be applied. The notice shall include:
 - a. The location, by street address, and specific latitude and longitude, of each land application site.
 - b. The approximate time period bulk sewage sludge will be applied to the site.
 - c. The name, address, telephone number, and National Pollutant Discharge Elimination System permit number (if appropriate) for the person who will apply the bulk sewage sludge.
2. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge disposal practice.

E. Record keeping Requirements

The sludge documents will be retained at the facility site and/or shall be readily available for review by a TCEQ representative. The person who prepares bulk sewage sludge or a sewage sludge material shall develop the following information and shall retain the information at

the facility site and/or shall be readily available for review by a TCEQ representative for a period of five years. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply.

1. The concentration (mg/kg) in the sludge of each pollutant listed in Table 3 above and the applicable pollutant concentration criteria (mg/kg), or the applicable cumulative pollutant loading rate and the applicable cumulative pollutant loading rate limit (lbs/ac) listed in Table 2 above.
2. A description of how the pathogen reduction requirements are met (including site restrictions for Class AB and Class B sludge, if applicable).
3. A description of how the vector attraction reduction requirements are met.
4. A description of how the management practices listed above in Section II.C are being met.
5. The following certification statement:

“I certify, under penalty of law, that the applicable pathogen requirements in 30 TAC § 312.82(a) or (b) and the vector attraction reduction requirements in 30 TAC § 312.83(b) have been met for each site on which bulk sewage sludge is applied. This determination has been made under my direction and supervision in accordance with the system designed to ensure that qualified personnel properly gather and evaluate the information used to determine that the management practices have been met. I am aware that there are significant penalties for false certification including fine and imprisonment.”
6. The recommended agronomic loading rate from the references listed in Section II.C.3. above, as well as the actual agronomic loading rate shall be retained. The person who applies bulk sewage sludge or a sewage sludge material shall develop the following information and shall retain the information at the facility site and/or shall be readily available for review by a TCEQ representative indefinitely. If the permittee supplies the sludge to another person who land applies the sludge, the permittee shall notify the land applier of the requirements for record keeping found in 30 TAC § 312.47 for persons who land apply:
 - a. A certification statement that all applicable requirements (specifically listed) have been met, and that the permittee understands that there are significant penalties for false certification including fine and imprisonment. See 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii), as applicable, and to the permittee’s specific sludge treatment activities.
 - b. The location, by street address, and specific latitude and longitude, of each site on which sludge is applied.
 - c. The number of acres in each site on which bulk sludge is applied.
 - d. The date and time sludge is applied to each site.

- e. The cumulative amount of each pollutant in pounds/acre listed in Table 2 applied to each site.
- f. The total amount of sludge applied to each site in dry tons.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

F. Reporting Requirements

The permittee shall report annually to the TCEQ Regional Office (MC Region 13) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year the following information. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Identify the nature of material generated by the facility (such as a biosolid for beneficial use or land-farming, or sewage sludge for disposal at a monofill) and whether the material is ultimately conveyed off-site in bulk or in bags.
3. Results of tests performed for pollutants found in either Table 2 or 3 as appropriate for the permittee's land application practices.
4. The frequency of monitoring listed in Section I.C. that applies to the permittee.
5. Toxicity Characteristic Leaching Procedure (TCLP) results.
6. PCB concentration in sludge in mg/kg.
7. Identity of hauler(s) and TCEQ transporter number.
8. Date(s) of transport.
9. Texas Commission on Environmental Quality registration number, if applicable.
10. Amount of sludge disposal dry weight (lbs/acre) at each disposal site.
11. The concentration (mg/kg) in the sludge of each pollutant listed in Table 1 (defined as a monthly average) as well as the applicable pollutant concentration criteria (mg/kg) listed in Table 3 above, or the applicable pollutant loading rate limit (lbs/acre) listed in Table 2 above if it exceeds 90% of the limit.
12. Level of pathogen reduction achieved (Class A, Class AB or Class B).
13. Alternative used as listed in Section I.B.3.(a. or b.). Alternatives describe how the pathogen reduction requirements are met. If Class B sludge, include information on how site restrictions were met.

14. Identify each of the analytic methods used by the facility to analyze enteric viruses, fecal coliforms, helminth ova, *Salmonella* sp., and other regulated parameters.
15. Vector attraction reduction alternative used as listed in Section I.B.4.
16. Amount of sludge transported in dry tons/year.
17. The certification statement listed in either 30 TAC § 312.47(a)(4)(A)(ii) or 30 TAC § 312.47(a)(5)(A)(ii) as applicable to the permittee's sludge treatment activities, shall be attached to the annual reporting form.
18. When the amount of any pollutant applied to the land exceeds 90% of the cumulative pollutant loading rate for that pollutant, as described in Table 2, the permittee shall report the following information as an attachment to the annual reporting form.
 - a. The location, by street address, and specific latitude and longitude.
 - b. The number of acres in each site on which bulk sewage sludge is applied.
 - c. The date and time bulk sewage sludge is applied to each site.
 - d. The cumulative amount of each pollutant (i.e., pounds/acre) listed in Table 2 in the bulk sewage sludge applied to each site.
 - e. The amount of sewage sludge (i.e., dry tons) applied to each site.

The above records shall be maintained on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

**SECTION III. REQUIREMENTS APPLYING TO ALL SEWAGE SLUDGE
DISPOSED IN A MUNICIPAL SOLID WASTE LANDFILL**

- A. The permittee shall handle and dispose of sewage sludge in accordance with 30 TAC § 330 and all other applicable state and federal regulations to protect public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present. The permittee shall ensure that the sewage sludge meets the requirements in 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
- B. If the permittee generates sewage sludge and supplies that sewage sludge to the owner or operator of a municipal solid waste landfill (MSWLF) for disposal, the permittee shall provide to the owner or operator of the MSWLF appropriate information needed to be in compliance with the provisions of this permit.
- C. The permittee shall give 180 days prior notice to the Executive Director in care of the Wastewater Permitting Section (MC 148) of the Water Quality Division of any change planned in the sewage sludge disposal practice.
- D. Sewage sludge shall be tested annually in accordance with the method specified in both 40 CFR Part 261, Appendix II and 40 CFR Part 268, Appendix I (Toxicity Characteristic Leaching Procedure) or other method, which receives the prior approval of the TCEQ for contaminants listed in Table 1 of 40 CFR § 261.24. Sewage sludge failing this test shall be managed according to RCRA standards for generators of hazardous waste, and the waste's disposition must be in accordance with all applicable requirements for hazardous waste processing, storage, or disposal.

Following failure of any TCLP test, the management or disposal of sewage sludge at a facility other than an authorized hazardous waste processing, storage, or disposal facility shall be prohibited until such time as the permittee can demonstrate the sewage sludge no longer exhibits the hazardous waste toxicity characteristics (as demonstrated by the results of the TCLP tests). A written report shall be provided to both the TCEQ Registration and Reporting Section (MC 129) of the Permitting and Registration Support Division and the Regional Director (MC Region 13) of the appropriate TCEQ field office within 7 days after failing the TCLP Test.

The report shall contain test results, certification that unauthorized waste management has stopped and a summary of alternative disposal plans that comply with RCRA standards for the management of hazardous waste. The report shall be addressed to: Director, Permitting and Registration Support Division (MC 129), Texas Commission on Environmental Quality, P. O. Box 13087, Austin, Texas 78711-3087. In addition, the permittee shall prepare an annual report on the results of all sludge toxicity testing. This annual report shall be submitted to the TCEQ Regional Office (MC Region 13) and the Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30 of each year.

- E. Sewage sludge shall be tested as needed, in accordance with the requirements of 30 TAC Chapter 330.
- F. Record keeping Requirements

The permittee shall develop the following information and shall retain the information for five years.

1. The description (including procedures followed and the results) of all liquid Paint Filter Tests performed.
2. The description (including procedures followed and results) of all TCLP tests performed.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

G. Reporting Requirements

The permittee shall report annually to the TCEQ Regional Office (MC Region 13) and Compliance Monitoring Team (MC 224) of the Enforcement Division by September 30th of each year the following information. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. Toxicity Characteristic Leaching Procedure (TCLP) results.
3. Annual sludge production in dry tons/year.
4. Amount of sludge disposed in a municipal solid waste landfill in dry tons/year.
5. Amount of sludge transported interstate in dry tons/year.
6. A certification that the sewage sludge meets the requirements of 30 TAC § 330 concerning the quality of the sludge disposed in a municipal solid waste landfill.
7. Identity of hauler(s) and transporter registration number.
8. Owner of disposal site(s).
9. Location of disposal site(s).
10. Date(s) of disposal.

The above records shall be maintained on-site on a monthly basis and shall be made available to the Texas Commission on Environmental Quality upon request.

SECTION IV. REQUIREMENTS APPLYING TO SLUDGE TRANSPORTED TO ANOTHER FACILITY FOR FURTHER PROCESSING

These provisions apply to sludge that is transported to another wastewater treatment facility or facility that further processes sludge. These provisions are intended to allow transport of sludge to facilities that have been authorized to accept sludge. These provisions do not limit the ability of the receiving facility to determine whether to accept the sludge, nor do they limit the ability of the receiving facility to request additional testing or documentation.

A. General Requirements

1. The permittee shall handle and dispose of sewage sludge in accordance with 30 TAC Chapter 312 and all other applicable state and federal regulations in a manner that protects public health and the environment from any reasonably anticipated adverse effects due to any toxic pollutants that may be present in the sludge.
2. Sludge may only be transported using a registered transporter or using an approved pipeline.

B. Record Keeping Requirements

1. For sludge transported by an approved pipeline, the permittee must maintain records of the following:
 - a. the amount of sludge transported;
 - b. the date of transport;
 - c. the name and TCEQ permit number of the receiving facility or facilities;
 - d. the location of the receiving facility or facilities;
 - e. the name and TCEQ permit number of the facility that generated the waste; and
 - f. copy of the written agreement between the permittee and the receiving facility to accept sludge.
2. For sludge transported by a registered transporter, the permittee must maintain records of the completed trip tickets in accordance with 30 TAC § 312.145(a)(1)-(7) and amount of sludge transported.
3. The above records shall be maintained on-site on a monthly basis and shall be made available to the TCEQ upon request. These records shall be retained for at least five years.

C. Reporting Requirements

The permittee shall report the following information annually to the TCEQ Regional Office (MC Region 13) and Compliance Monitoring Team (MC 224) of the Enforcement Division, by September 30th of each year. Effective September 1, 2020, the permittee must submit this annual report using the online electronic reporting system available through the TCEQ website unless the permittee requests and obtains an electronic reporting waiver.

1. Identify in the following categories (as applicable) the sewage sludge treatment process or processes at the facility: preliminary operations (e.g., sludge grinding and degritting), thickening (concentration), stabilization, anaerobic digestion, aerobic digestion, composting, conditioning, disinfection (e.g., beta ray irradiation, gamma ray irradiation, pasteurization), dewatering (e.g., centrifugation, sludge drying beds, sludge lagoons), heat drying, thermal reduction, and methane or biogas capture and recovery.
2. the annual sludge production;
3. the amount of sludge transported;
4. the owner of each receiving facility;
5. the location of each receiving facility; and
6. the date(s) of disposal at each receiving facility.

TCEQ Revision 10/2019

OTHER REQUIREMENTS

1. The permittee shall employ or contract with one or more licensed wastewater treatment facility operators or wastewater system operations companies holding a valid license or registration according to the requirements of 30 TAC Chapter 30, Occupational Licenses and Registrations, and in particular 30 TAC Chapter 30, Subchapter J, Wastewater Operators and Operations Companies.

This Category B facility must be operated by a chief operator or an operator holding a Category B license or higher. The facility must be operated a minimum of five days per week by the licensed chief operator or an operator holding the required level of license or higher. The licensed chief operator or operator holding the required level of license or higher must be available by telephone or pager seven days per week. Where shift operation of the wastewater treatment facility is necessary, each shift that does not have the on-site supervision of the licensed chief operator must be supervised by an operator in charge who is licensed not less than one level below the category for the facility.

2. The facility is not located in the Coastal Management Program boundary.
3. There is no mixing zone established for this discharge to an intermittent stream. Acute toxic criteria apply at the point of discharge.
4. Prior to construction of the Final phase, the permittee shall submit sufficient evidence of legal restrictions prohibiting residential structures within the part of the buffer zone not owned by the permittee according to 30 TAC § 309.13(e)(3). The evidence of legal restrictions shall be submitted to the Executive Director in care of the TCEQ Wastewater Permitting Section (MC 148). The permittee shall comply with the requirements of 30 TAC § 309.13(a) through (d). (See Attachment A.)
5. The permittee shall provide facilities for the protection of its wastewater treatment facility from a 100-year flood.
6. In accordance with 30 TAC § 319.9, a permittee that has at least twelve months of uninterrupted compliance with its bacteria limit may notify the commission in writing of its compliance and request a less frequent measurement schedule. To request a less frequent schedule, the permittee shall submit a written request to the TCEQ Wastewater Permitting Section (MC 148) for each phase that includes a different monitoring frequency. The request must contain all of the reported bacteria values (Daily Avg. and Daily Max/Single Grab) for the twelve consecutive months immediately prior to the request. If the Executive Director finds that a less frequent measurement schedule is protective of human health and the environment, the permittee may be given a less frequent measurement schedule. For this permit, daily may be reduced to 5/week in the Interim phase and Final phases. **A violation of any bacteria limit by a facility that has been granted a less frequent measurement schedule will require the permittee to return to the standard frequency schedule and submit written notice to the TCEQ Wastewater Permitting Section (MC 148).** The permittee may not apply for another reduction in measurement frequency for at least 24 months from the date of the last violation. The Executive Director may establish a more frequent measurement schedule if necessary, to protect human health or the environment.
7. Prior to construction of the Final phase of treatment facilities the permittee shall submit to

the TCEQ Wastewater Permitting Section (MC 148) a summary transmittal letter in accordance with the requirements in 30 TAC § 217.6(d). If requested by the Wastewater Permitting Section, the permittee shall submit plans, specifications, and a final engineering design report which comply with 30 TAC Chapter 217, Design Criteria for Domestic Wastewater Systems. The permittee shall clearly show how the treatment system will meet the effluent limitations required on Page 2a of this permit. A copy of the summary transmittal letter shall be available at the plant site for inspection by authorized representatives of the TCEQ.

8. The permittee shall notify the TCEQ Regional Office (MC Region 13) and the Applications Review and Processing Team (MC 148) of the Water Quality Division, in writing at least forty-five (45) days prior to the completion of the new facility on Notification of Completion Form 20007.

CONTRIBUTING INDUSTRIES AND PRETREATMENT REQUIREMENTS

1. The following pollutants may not be introduced into the treatment facility:
 - a. Pollutants which create a fire or explosion hazard in the publicly owned treatment works (POTW), including, but not limited to, waste streams with a closed-cup flash point of less than 140° Fahrenheit (60° Celsius) using the test methods specified in 40 CFR § 261.21;
 - b. Pollutants which will cause corrosive structural damage to the POTW, but in no case shall there be discharges with a pH lower than 5.0 standard units, unless the works are specifically designed to accommodate such discharges;
 - c. Solid or viscous pollutants in amounts which will cause obstruction to the flow in the POTW, resulting in Interference;
 - d. Any pollutant, including oxygen-demanding pollutants (e.g., biochemical oxygen demand), released in a discharge at a flow rate and/or pollutant concentration which will cause Interference with the POTW;
 - e. Heat in amounts which will inhibit biological activity in the POTW, resulting in Interference, but in no case shall there be heat in such quantities that the temperature at the POTW treatment plant exceeds 104° Fahrenheit (40° Celsius) unless the Executive Director, upon request of the POTW, approves alternate temperature limits;
 - f. Petroleum oil, nonbiodegradable cutting oil, or products of mineral oil origin in amounts that will cause Interference or Pass Through;
 - g. Pollutants which result in the presence of toxic gases, vapors, or fumes within the POTW in a quantity that may cause acute worker health and safety problems; and
 - h. Any trucked or hauled pollutants except at discharge points designated by the POTW.
2. The permittee shall require any indirect discharger to the treatment works to comply with the reporting requirements of Sections 204(b), 307, and 308 of the Clean Water Act, including any requirements established under 40 CFR Part 403 [*rev. Federal Register/ Vol. 70/ No. 198/ Friday, October 14, 2005/ Rules and Regulations, pages 60134-60798*].
3. The permittee shall provide adequate notification to the Executive Director, care of the Wastewater Permitting Section (MC 148) of the Water Quality Division, within 30 days subsequent to the permittee's knowledge of either of the following:
 - a. Any new introduction of pollutants into the treatment works from an indirect discharger which would be subject to Sections 301 and 306 of the Clean Water Act if it were directly discharging those pollutants; and
 - b. Any substantial change in the volume or character of pollutants being introduced into the treatment works by a source introducing pollutants into the treatment works at the time of issuance of the permit.

Any notice shall include information on the quality and quantity of effluent to be introduced into the treatment works and any anticipated impact of the change on the quality or quantity of effluent to be discharged from the POTW.

Revised July 2007

CHRONIC BIOMONITORING REQUIREMENTS:FRESHWATER

The provisions of this section apply to Outfall 001 for whole effluent toxicity (WET) testing.

1. Scope, Frequency, and Methodology

- a. The permittee shall test the effluent for toxicity in accordance with the provisions below. Such testing will determine if an appropriately dilute effluent sample adversely affects the survival, reproduction, or growth of the test organisms.
- b. The permittee shall conduct the following toxicity tests using the test organisms, procedures, and quality assurance requirements specified in this part of this permit and in accordance with "Short-Term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms," fourth edition (EPA-821-R-02-013) or its most recent update:
 - 1) Chronic static renewal survival and reproduction test using the water flea (*Ceriodaphnia dubia*) (Method 1002.0). This test should be terminated when 60% of the surviving adults in the control produce three broods or at the end of eight days, whichever occurs first. This test shall be conducted once per quarter.
 - 2) Chronic static renewal 7-day larval survival and growth test using the fathead minnow (*Pimephales promelas*) (Method 1000.0). A minimum of five replicates with eight organisms per replicate shall be used in the control and in each dilution. This test shall be conducted occurs per quarter.

The permittee must perform and report a valid test for each test species during the prescribed reporting period. An invalid test must be repeated during the same reporting period. An invalid test is defined as any test failing to satisfy the test acceptability criteria, procedures, and quality assurance requirements specified in the test methods and permit.

- c. The permittee shall use five effluent dilution concentrations and a control in each toxicity test. These effluent dilution concentrations are 6%, 8%, 11%, 15%, and 20% effluent. The critical dilution, defined as 15% effluent, is the effluent concentration representative of the proportion of effluent in the receiving water during critical low flow or critical mixing conditions.
- d. This permit may be amended to require a WET limit, chemical-specific effluent limits, a best management practice, or other appropriate actions to address toxicity. The permittee may be required to conduct a toxicity reduction evaluation (TRE) after multiple toxic events.
- e. Testing Frequency Reduction
 - 1) If none of the first four consecutive quarterly tests demonstrates significant toxicity, the permittee may submit this information in writing and, upon approval, reduce the testing frequency to once per six months for the invertebrate test species and once per year for the vertebrate test

species.

- 2) If one or more of the first four consecutive quarterly tests demonstrates significant toxicity, the permittee shall continue quarterly testing for that species until this permit is reissued. If a testing frequency reduction had been previously granted and a subsequent test demonstrates significant toxicity, the permittee will resume a quarterly testing frequency for that species until this permit is reissued.

2. Required Toxicity Testing Conditions

- a. Test Acceptance - The permittee shall repeat any toxicity test, including the control and all effluent dilutions, which fail to meet the following criteria:
 - 1) a control mean survival of 80% or greater;
 - 2) a control mean number of water flea neonates per surviving adult of 15 or greater;
 - 3) a control mean dry weight of surviving fathead minnow larvae of 0.25 mg or greater;
 - 4) a control coefficient of variation percent (CV%) of 40 or less between replicates for the young of surviving females in the water flea test; and the growth and survival endpoints in the fathead minnow test;
 - 5) a critical dilution CV% of 40 or less for the young of surviving females in the water flea test; and the growth and survival endpoints for the fathead minnow test. However, if statistically significant lethal or nonlethal effects are exhibited at the critical dilution, a CV% greater than 40 shall not invalidate the test;
 - 6) a percent minimum significant difference of 47 or less for water flea reproduction; and
 - 7) a percent minimum significant difference of 30 or less for fathead minnow growth.
- b. Statistical Interpretation
 - 1) For the water flea survival test, the statistical analyses used to determine if there is a significant difference between the control and an effluent dilution shall be the Fisher's exact test as described in the manual referenced in Part 1.b.
 - 2) For the water flea reproduction test and the fathead minnow larval survival and growth tests, the statistical analyses used to determine if there is a significant difference between the control and an effluent dilution shall be in accordance with the manual referenced in Part 1.b.
 - 3) The permittee is responsible for reviewing test concentration-response

relationships to ensure that calculated test-results are interpreted and reported correctly. The document entitled "Method Guidance and Recommendation for Whole Effluent Toxicity (WET) Testing (40 CFR Part 136)" (EPA 821-B-00-004) provides guidance on determining the validity of test results.

- 4) If significant lethality is demonstrated (that is, there is a statistically significant difference in survival at the critical dilution when compared to the survival in the control), the conditions of test acceptability are met, and the survival of the test organisms are equal to or greater than 80% in the critical dilution and all dilutions below that, then the permittee shall report a survival No Observed Effect Concentration (NOEC) of not less than the critical dilution for the reporting requirements.
 - 5) The NOEC is defined as the greatest effluent dilution at which no significant effect is demonstrated. The Lowest Observed Effect Concentration (LOEC) is defined as the lowest effluent dilution at which a significant effect is demonstrated. A significant effect is defined as a statistically significant difference between the survival, reproduction, or growth of the test organism in a specified effluent dilution compared to the survival, reproduction, or growth of the test organism in the control (0% effluent).
 - 6) The use of NOECs and LOECs assumes either a monotonic (continuous) concentration-response relationship or a threshold model of the concentration-response relationship. For any test result that demonstrates a non-monotonic (non-continuous) response, the NOEC should be determined based on the guidance manual referenced in Item 3.
 - 7) Pursuant to the responsibility assigned to the permittee in Part 2.b.3), test results that demonstrate a non-monotonic (non-continuous) concentration-response relationship may be submitted, prior to the due date, for technical review. The guidance manual referenced in Item 3 will be used when making a determination of test acceptability.
 - 8) TCEQ staff will review test results for consistency with rules, procedures, and permit requirements.
- c. Dilution Water
- 1) Dilution water used in the toxicity tests must be the receiving water collected as close as possible to the point of discharge into the lake but unaffected by the discharge.
 - 2) Where the receiving water proves unsatisfactory as a result of pre-existing instream toxicity (i.e. fails to fulfill the test acceptance criteria of Part 2.a.), the permittee may substitute synthetic dilution water for the receiving water in all subsequent tests provided the unacceptable receiving water test met the following stipulations:
 - a) a synthetic lab water control was performed (in addition to the

receiving water control) which fulfilled the test acceptance requirements of Part 2.a;

- b) the test indicating receiving water toxicity was carried out to completion (i.e., 7 days); and
 - c) the permittee submitted all test results indicating receiving water toxicity with the reports and information required in Part 3.
- 3) The synthetic dilution water shall consist of standard, moderately hard, reconstituted water. Upon approval, the permittee may substitute other appropriate dilution water with chemical and physical characteristics similar to that of the receiving water.

d. **Samples and Composites**

- 1) The permittee shall collect a minimum of three composite samples from Outfall 001. The second and third composite samples will be used for the renewal of the dilution concentrations for each toxicity test.
- 2) The permittee shall collect the composite samples such that the samples are representative of any periodic episode of chlorination, biocide usage, or other potentially toxic substance being discharged on an intermittent basis.
- 3) The permittee shall initiate the toxicity tests within 36 hours after collection of the last portion of the first composite sample. The holding time for any subsequent composite sample shall not exceed 72 hours. Samples shall be maintained at a temperature of 0-6 degrees Centigrade during collection, shipping, and storage.
- 4) If Outfall 001 ceases discharging during the collection of effluent samples, the requirements for the minimum number of effluent samples, the minimum number of effluent portions, and the sample holding time are waived during that sampling period. However, the permittee must have collected an effluent composite sample volume sufficient to complete the required toxicity tests with renewal of the effluent. When possible, the effluent samples used for the toxicity tests shall be collected on separate days if the discharge occurs over multiple days. The sample collection duration and the static renewal protocol associated with the abbreviated sample collection must be documented in the full report.
- 5) The effluent samples shall not be dechlorinated after sample collection.

3. **Reporting**

All reports, tables, plans, summaries, and related correspondence required in this section shall be submitted to the attention of the Standards Implementation Team (MC 150) of the Water Quality Division.

- a. The permittee shall prepare a full report of the results of all tests conducted in

accordance with the manual referenced in Part 1.b. for every valid and invalid toxicity test initiated whether carried to completion or not.

- b. The permittee shall routinely report the results of each biomonitoring test on the Table 1 forms provided with this permit.
- 1) Annual biomonitoring test results are due on or before January 20th for biomonitoring conducted during the previous 12-month period.
 - 2) Semiannual biomonitoring test results are due on or before July 20th and January 20th for biomonitoring conducted during the previous 6-month period.
 - 3) Quarterly biomonitoring test results are due on or before April 20th, July 20th, October 20th, and January 20th for biomonitoring conducted during the previous calendar quarter.
 - 4) Monthly biomonitoring test results are due on or before the 20th day of the month following sampling.
- c. Enter the following codes for the appropriate parameters for valid tests only:
- 1) For the water flea, Parameter TLP3B, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."
 - 2) For the water flea, Parameter TOP3B, report the NOEC for survival.
 - 3) For the water flea, Parameter TXP3B, report the LOEC for survival.
 - 4) For the water flea, Parameter TWP3B, enter a "1" if the NOEC for reproduction is less than the critical dilution; otherwise, enter a "0."
 - 5) For the water flea, Parameter TPP3B, report the NOEC for reproduction.
 - 6) For the water flea, Parameter TYP3B, report the LOEC for reproduction.
 - 7) For the fathead minnow, Parameter TLP6C, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."
 - 8) For the fathead minnow, Parameter TOP6C, report the NOEC for survival.
 - 9) For the fathead minnow, Parameter TXP6C, report the LOEC for survival.
 - 10) For the fathead minnow, Parameter TWP6C, enter a "1" if the NOEC for growth is less than the critical dilution; otherwise, enter a "0."
 - 11) For the fathead minnow, Parameter TPP6C, report the NOEC for growth.
 - 12) For the fathead minnow, Parameter TYP6C, report the LOEC for growth.
- d. Enter the following codes for retests only:

- 1) For retest number 1, Parameter 22415, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."
- 2) For retest number 2, Parameter 22416, enter a "1" if the NOEC for survival is less than the critical dilution; otherwise, enter a "0."

4. Persistent Toxicity

The requirements of this part apply only when a test demonstrates a significant effect at the critical dilution. Significant effect and significant lethality were defined in Part 2.b. Significant sublethality is defined as a statistically significant difference in growth/reproduction at the critical dilution when compared to the growth/reproduction of the test organism in the control.

- a. The permittee shall conduct a total of 2 additional tests (retests) for any species that demonstrates a significant effect (lethal or sublethal) at the critical dilution. The two retests shall be conducted monthly during the next two consecutive months. The permittee shall not substitute either of the two retests in lieu of routine toxicity testing. All reports shall be submitted within 20 days of test completion. Test completion is defined as the last day of the test.
- b. If the retests are performed due to a demonstration of significant lethality, and one or both of the two retests specified in Part 4.a. demonstrates significant lethality, the permittee shall initiate the TRE requirements as specified in Part 5. The provisions of Part 4.a. are suspended upon completion of the two retests and submittal of the TRE action plan and schedule defined in Part 5.

If neither test demonstrates significant lethality and the permittee is testing under the reduced testing frequency provision of Part 1.e., the permittee shall return to a quarterly testing frequency for that species.

- c. If the two retests are performed due to a demonstration of significant sublethality, and one or both of the two retests specified in Part 4.a. demonstrates significant lethality, the permittee shall again perform two retests as stipulated in Part 4.a.
- d. If the two retests are performed due to a demonstration of significant sublethality, and neither test demonstrates significant lethality, the permittee shall continue testing at the quarterly frequency.
- e. Regardless of whether retesting for lethal or sublethal effects, or a combination of the two, no more than one retest per month is required for a species.

5. Toxicity Reduction Evaluation

- a. Within 45 days of the retest that demonstrates significant lethality, or within 45 days of being so instructed due to multiple toxic events, the permittee shall submit a general outline for initiating a TRE. The outline shall include, but not be limited to, a description of project personnel, a schedule for obtaining consultants (if needed), a discussion of influent and effluent data available for

review, a sampling and analytical schedule, and a proposed TRE initiation date.

- b. Within 90 days of the retest that demonstrates significant lethality, or within 90 days of being so instructed due to multiple toxic events, the permittee shall submit a TRE action plan and schedule for conducting a TRE. The plan shall specify the approach and methodology to be used in performing the TRE. A TRE is a step-wise investigation combining toxicity testing with physical and chemical analysis to determine actions necessary to eliminate or reduce effluent toxicity to a level not effecting significant lethality at the critical dilution. The TRE action plan shall describe an approach for the reduction or elimination of lethality for both test species defined in Part 1.b. As a minimum, the TRE action plan shall include the following:
- 1) **Specific Activities** - The TRE action plan shall specify the approach the permittee intends to utilize in conducting the TRE, including toxicity characterizations, identifications, confirmations, source evaluations, treatability studies, and alternative approaches. When conducting characterization analyses, the permittee shall perform multiple characterizations and follow the procedures specified in the document entitled "Toxicity Identification Evaluation: Characterization of Chronically Toxic Effluents, Phase I" (EPA/600/6-91/005F) or alternate procedures. The permittee shall perform multiple identifications and follow the methods specified in the documents entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/080) and "Methods for Aquatic Toxicity Identification Evaluations: Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/081). All characterization, identification, and confirmation tests shall be conducted in an orderly and logical progression;
 - 2) **Sampling Plan** - The TRE action plan should describe sampling locations, methods, holding times, chain of custody, and preservation techniques. The effluent sample volume collected for all tests shall be adequate to perform the toxicity characterization/identification/confirmation procedures and chemical-specific analyses when the toxicity tests show significant lethality. Where the permittee has identified or suspects a specific pollutant and source of effluent toxicity, the permittee shall conduct, concurrent with toxicity testing, chemical-specific analyses for the identified and suspected pollutant and source of effluent toxicity;
 - 3) **Quality Assurance Plan** - The TRE action plan should address record keeping and data evaluation, calibration and standardization, baseline tests, system blanks, controls, duplicates, spikes, toxicity persistence in the samples, randomization, reference toxicant control charts, and mechanisms to detect artifactual toxicity; and
 - 4) **Project Organization** - The TRE action plan should describe the project staff, project manager, consulting engineering services (where applicable), consulting analytical and toxicological services, etc.

- c. Within 30 days of submittal of the TRE action plan and schedule, the permittee shall implement the TRE.
- d. The permittee shall submit quarterly TRE activities reports concerning the progress of the TRE. The quarterly reports are due on or before April 20th, July 20th, October 20th, and January 20th. The report shall detail information regarding the TRE activities including:
 - 1) results and interpretation of any chemical-specific analyses for the identified and suspected pollutant performed during the quarter;
 - 2) results and interpretation of any characterization, identification, and confirmation tests performed during the quarter;
 - 3) any data and substantiating documentation which identifies the pollutant(s) and source of effluent toxicity;
 - 4) results of any studies/evaluations concerning the treatability of the facility's effluent toxicity;
 - 5) any data that identifies effluent toxicity control mechanisms that will reduce effluent toxicity to the level necessary to meet no significant lethality at the critical dilution; and
 - 6) any changes to the initial TRE plan and schedule that are believed necessary as a result of the TRE findings.
- e. During the TRE, the permittee shall perform, at a minimum, quarterly testing using the more sensitive species. Testing for the less sensitive species shall continue at the frequency specified in Part 1.b.
- f. If the effluent ceases to effect significant lethality, i.e., there is a cessation of lethality, the permittee may end the TRE. A cessation of lethality is defined as no significant lethality for a period of 12 consecutive months with at least monthly testing. At the end of the 12 months, the permittee shall submit a statement of intent to cease the TRE and may then resume the testing frequency specified in Part 1.b.

This provision accommodates situations where operational errors and upsets, spills, or sampling errors triggered the TRE, in contrast to a situation where a single toxicant or group of toxicants cause lethality. This provision does not apply as a result of corrective actions taken by the permittee. Corrective actions are defined as proactive efforts that eliminate or reduce effluent toxicity. These include, but are not limited to, source reduction or elimination, improved housekeeping, changes in chemical usage, and modifications of influent streams and effluent treatment.

The permittee may only apply this cessation of lethality provision once. If the effluent again demonstrates significant lethality to the same species, the permit will be amended to add a WET limit with a compliance period, if appropriate. However, prior to the effective date of the WET limit, the permittee may apply for

a permit amendment removing and replacing the WET limit with an alternate toxicity control measure by identifying and confirming the toxicant and an appropriate control measure.

- g. The permittee shall complete the TRE and submit a final report on the TRE activities no later than 28 months from the last test day of the retest that confirmed significant lethal effects at the critical dilution. The permittee may petition the Executive Director (in writing) for an extension of the 28-month limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE. The report shall provide information pertaining to the specific control mechanism selected that will, when implemented, result in the reduction of effluent toxicity to no significant lethality at the critical dilution. The report shall also provide a specific corrective action schedule for implementing the selected control mechanism.
- h. Based on the results of the TRE and proposed corrective actions, this permit may be amended to modify the biomonitoring requirements, where necessary, to require a compliance schedule for implementation of corrective actions, specify a WET limit, specify a best management practice, and a specify chemical-specific limit.
- i. Copies of any and all required TRE plans and reports shall also be submitted to the U.S. EPA Region 6 office, 6WQ-PO.

TABLE 1 (SHEET 1 OF 4)

BIOMONITORING REPORTING

CERIODAPHNIA DUBIA SURVIVAL AND REPRODUCTION

Dates and Times Collected
 Composites
 No. 1 FROM: _____ Date Time TO: _____ Date Time
 No. 2 FROM: _____ Date Time TO: _____ Date Time
 No. 3 FROM: _____ Date Time TO: _____ Date Time

Test initiated: _____ am/pm _____ date

Dilution water used: _____ Receiving Water _____ Synthetic Dilution Water

NUMBER OF YOUNG PRODUCED PER ADULT AT END OF TEST

REP	Percent effluent (%)					
	0%	6%	8%	11%	15%	20%
A						
B						
C						
D						
E						
F						
G						
H						
I						
J						
Survival Mean						
Total Mean						
CV%**						
PMSD						

*Coefficient of Variation = standard deviation x 100/mean (calculation based on young of the surviving adults) Designate males (M), and dead females (D), along with number of neonates (x) released prior to death.

TABLE 1 (SHEET 2 OF 4)

CERIODAPHNIA DUBIA SURVIVAL AND REPRODUCTION TEST

1. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

Is the mean number of young produced per adult significantly less than the number of young per adult in the control for the % effluent corresponding to significant nonlethal effects?

CRITICAL DILUTION (15%): _____ YES _____ NO

PERCENT SURVIVAL

Time of Reading	Percent effluent					
	0%	6%	8%	11%	15%	20%
24h						
48h						
End of Test						

2. Fisher's Exact Test:

Is the mean survival at test end significantly less than the control survival for the % effluent corresponding to lethality?

CRITICAL DILUTION (15%): _____ YES _____ NO

3. Enter percent effluent corresponding to each NOEC/LOEC below:

a.) NOEC survival = _____ % effluent

b.) LOEC survival = _____ % effluent

c.) NOEC reproduction = _____ % effluent

d.) LOEC reproduction = _____ % effluent

TABLE 1 (SHEET 3 OF 4)

BIOMONITORING REPORTING

FATHEAD MINNOW LARVAE GROWTH AND SURVIVAL

Dates and Times Composites Collected

No. 1 FROM: _____ Date Time _____ TO: _____ Date Time _____

No. 2 FROM: _____ Date Time _____ TO: _____ Date Time _____

No. 3 FROM: _____ Date Time _____ TO: _____ Date Time _____

Test initiated: _____ am/pm _____ date

Dilution water used: _____ Receiving Water _____ Synthetic Dilution Water

FATHEAD MINNOW GROWTH DATA

Effluent Concentration	Average Dry Weight in milligrams in replicate chambers					Mean Dry Weight	CV%*
	A	B	C	D	E		
0%							
6%							
8%							
11%							
15%							
20%							
PMSD							

* Coefficient of Variation = standard deviation x 100/mean

- Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

Is the mean dry weight (growth) at 7 days significantly less than the control's dry weight (growth) for the % effluent corresponding to significant nonlethal effects?

CRITICAL DILUTION (15%): _____ YES _____ NO

TABLE 1 (SHEET 4 OF 4)
 BIOMONITORING REPORTING
 FATHEAD MINNOW GROWTH AND SURVIVAL TEST
 FATHEAD MINNOW SURVIVAL DATA

Effluent Concentration	Percent Survival in replicate chambers					Mean percent survival			CV%*
	A	B	C	D	E	24h	48h	7 day	
0%									
6%									
8%									
11%									
15%									
20%									

* Coefficient of Variation = standard deviation x 100/mean

2. Dunnett's Procedure or Steel's Many-One Rank Test or Wilcoxon Rank Sum Test (with Bonferroni adjustment) or t-test (with Bonferroni adjustment) as appropriate:

Is the mean survival at 7 days significantly less ($p=0.05$) than the control survival for the % effluent corresponding to lethality?

CRITICAL DILUTION (15%): _____ YES _____ NO

3. Enter percent effluent corresponding to each NOEC/LOEC below:

a.) NOEC survival = _____% effluent

b.) LOEC survival = _____% effluent

c.) NOEC growth = _____% effluent

d.) LOEC growth = _____% effluent

24-HOUR ACUTE BIOMONITORING REQUIREMENTS: FRESHWATER

The provisions of this section apply to Outfall 001 for whole effluent toxicity (WET) testing.

1. Scope, Frequency, and Methodology

- a. The permittee shall test the effluent for lethality in accordance with the provisions in this section. Such testing will determine compliance with Texas Surface Water Quality Standard 30 TAC § 307.6(e)(2)(B), which requires greater than 50% survival of the appropriate test organisms in 100% effluent for a 24-hour period.
- b. The toxicity tests specified shall be conducted once per six months. The permittee shall conduct the following toxicity tests using the test organisms, procedures, and quality assurance requirements specified in this section of the permit and in accordance with "Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters to Freshwater and Marine Organisms," fifth edition (EPA-821-R-02-012) or its most recent update:
 - 1) Acute 24-hour static toxicity test using the water flea (*Daphnia pulex* or *Ceriodaphnia dubia*). A minimum of five replicates with eight organisms per replicate shall be used in the control and each dilution.
 - 2) Acute 24-hour static toxicity test using the fathead minnow (*Pimephales promelas*). A minimum of five replicates with eight organisms per replicate shall be used in the control and each dilution.

The permittee must perform and report a valid test for each test species during the prescribed reporting period. An invalid test must be repeated during the same reporting period. An invalid test is defined as any test failing to satisfy the test acceptability criteria, procedures, and quality assurance requirements specified in the test methods and permit. All test results, valid or invalid, must be submitted as described below.

- c. In addition to an appropriate control, a 100% effluent concentration shall be used in the toxicity tests. The control and dilution water shall consist of standard, synthetic, moderately hard, reconstituted water.
 - d. This permit may be amended to require a WET limit, a best management practice, a chemical-specific limit, or other appropriate actions to address toxicity. The permittee may be required to conduct a toxicity reduction evaluation (TRE) after multiple toxic events.
2. Required Toxicity Testing Conditions
- a. Test Acceptance – The permittee shall repeat any toxicity test, including the control, if the control fails to meet a mean survival equal to or greater than 90%.
 - b. Dilution Water - In accordance with Part 1.c., the control and dilution water shall consist of standard, synthetic, moderately hard, reconstituted water.

c. Samples and Composites

- 1) The permittee shall collect one composite sample from Outfall 001.
- 2) The permittee shall collect the composite sample such that the sample is representative of any periodic episode of chlorination, biocide usage, or other potentially toxic substance being discharged on an intermittent basis.
- 3) The permittee shall initiate the toxicity tests within 36 hours after collection of the last portion of the composite sample. Samples shall be maintained at a temperature of 0-6 degrees Centigrade during collection, shipping, and storage.
- 4) If Outfall 001 ceases discharging during the collection of the effluent composite sample, the requirements for the minimum number of effluent portions are waived. However, the permittee must have collected a composite sample volume sufficient for completion of the required test. The abbreviated sample collection, duration, and methodology must be documented in the full report.
- 5) The effluent sample shall not be dechlorinated after sample collection.

3. Reporting

All reports, tables, plans, summaries, and related correspondence required in this section shall be submitted to the attention of the Standards Implementation Team (MC 150) of the Water Quality Division.

- a. The permittee shall prepare a full report of the results of all tests conducted pursuant to this permit in accordance with the manual referenced in Part 1.b. for every valid and invalid toxicity test initiated.
- b. The permittee shall routinely report the results of each biomonitoring test on the Table 2 forms provided with this permit.
 - 1) Semiannual biomonitoring test results are due on or before July 20th and January 20th for biomonitoring conducted during the previous 6-month period.
 - 2) Quarterly biomonitoring test results are due on or before April 20th, July 20th, and October 20th, and January 20th for biomonitoring conducted during the previous calendar quarter.
- c. Enter the following codes for the appropriate parameters for valid tests only:
 - 1) For the water flea, Parameter TIE3D, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."
 - 2) For the fathead minnow, Parameter TIE6C, enter a "0" if the mean

survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

- d. Enter the following codes for retests only:
- 1) For retest number 1, Parameter 22415, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."
 - 2) For retest number 2, Parameter 22416, enter a "0" if the mean survival at 24 hours is greater than 50% in the 100% effluent dilution; if the mean survival is less than or equal to 50%, enter "1."

4. Persistent Mortality

The requirements of this part apply when a toxicity test demonstrates significant lethality, which is defined as a mean mortality of 50% or greater of organisms exposed to the 100% effluent concentration after 24 hours.

- a. The permittee shall conduct 2 additional tests (retests) for each species that demonstrates significant lethality. The two retests shall be conducted once per week for 2 weeks. Five effluent dilution concentrations in addition to an appropriate control shall be used in the retests. These effluent concentrations are 6%, 13%, 25%, 50% and 100% effluent. The first retest shall be conducted within 15 days of the laboratory determination of significant lethality. All test results shall be submitted within 20 days of test completion of the second retest. Test completion is defined as the 24th hour.
- b. If one or both of the two retests specified in Part 4.a. demonstrates significant lethality, the permittee shall initiate the TRE requirements as specified in Part 5.

5. Toxicity Reduction Evaluation

- a. Within 45 days of the retest that demonstrates significant lethality, the permittee shall submit a general outline for initiating a TRE. The outline shall include, but not be limited to, a description of project personnel, a schedule for obtaining consultants (if needed), a discussion of influent and effluent data available for review, a sampling and analytical schedule, and a proposed TRE initiation date.
- b. Within 90 days of the retest that demonstrates significant lethality, the permittee shall submit a TRE action plan and schedule for conducting a TRE. The plan shall specify the approach and methodology to be used in performing the TRE. A TRE is a step-wise investigation combining toxicity testing with physical and chemical analyses to determine actions necessary to eliminate or reduce effluent toxicity to a level not effecting significant lethality at the critical dilution. The TRE action plan shall lead to the successful elimination of significant lethality for both test species defined in item 1.b. As a minimum, the TRE action plan shall include the following:
 - 1) Specific Activities - The TRE action plan shall specify the approach the permittee intends to utilize in conducting the TRE, including toxicity

- characterizations, identifications, confirmations, source evaluations, treatability studies, and alternative approaches. When conducting characterization analyses, the permittee shall perform multiple characterizations and follow the procedures specified in the document entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase I Toxicity Characterization Procedures" (EPA/600/6-91/003) or alternate procedures. The permittee shall perform multiple identifications and follow the methods specified in the documents entitled "Methods for Aquatic Toxicity Identification Evaluations: Phase II Toxicity Identification Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/080) and "Methods for Aquatic Toxicity Identification Evaluations: Phase III Toxicity Confirmation Procedures for Samples Exhibiting Acute and Chronic Toxicity" (EPA/600/R-92/081). All characterization, identification, and confirmation tests shall be conducted in an orderly and logical progression;
- 2) Sampling Plan - The TRE action plan should describe sampling locations, methods, holding times, chain of custody, and preservation techniques. The effluent sample volume collected for all tests shall be adequate to perform the toxicity characterization/identification/confirmation procedures, and chemical-specific analyses when the toxicity tests show significant lethality. Where the permittee has identified or suspects specific pollutant and source of effluent toxicity, the permittee shall conduct, concurrent with toxicity testing, chemical-specific analyses for the identified and suspected pollutant and source of effluent toxicity;
 - 3) Quality Assurance Plan - The TRE action plan should address record keeping and data evaluation, calibration and standardization, baseline tests, system blanks, controls, duplicates, spikes, toxicity persistence in the samples, randomization, reference toxicant control charts, and mechanisms to detect artifactual toxicity; and
 - 4) Project Organization - The TRE action plan should describe the project staff, manager, consulting engineering services (where applicable), consulting analytical and toxicological services, etc.
- c. Within 30 days of submittal of the TRE action plan and schedule, the permittee shall implement the TRE.
- d. The permittee shall submit quarterly TRE activities reports concerning the progress of the TRE. The quarterly TRE Activities Reports are due on or before April 20th, July 20th, October 20th, and January 20th. The report shall detail information regarding the TRE activities including:
- 1) results and interpretation of any chemical-specific analyses for the identified and suspected pollutant performed during the quarter;
 - 2) results and interpretation of any characterization, identification, and confirmation tests performed during the quarter;
 - 3) any data and substantiating documentation that identifies the pollutant

- and source of effluent toxicity;
- 4) results of any studies/evaluations concerning the treatability of the facility's effluent toxicity;
 - 5) any data that identifies effluent toxicity control mechanisms that will reduce effluent toxicity to the level necessary to eliminate significant lethality; and
 - 6) any changes to the initial TRE plan and schedule that are believed necessary as a result of the TRE findings.
- e. During the TRE, the permittee shall perform, at a minimum, quarterly testing using the more sensitive species. Testing for the less sensitive species shall continue at the frequency specified in Part 1.b.
- f. If the effluent ceases to effect significant lethality, i.e., there is a cessation of lethality, the permittee may end the TRE. A cessation of lethality is defined as no significant lethality for a period of 12 consecutive weeks with at least weekly testing. At the end of the 12 weeks, the permittee shall submit a statement of intent to cease the TRE and may then resume the testing frequency specified in Part 1.b.

This provision accommodates situations where operational errors and upsets, spills, or sampling errors triggered the TRE, in contrast to a situation where a single toxicant or group of toxicants cause lethality. This provision does not apply as a result of corrective actions taken by the permittee. Corrective actions are defined as proactive efforts that eliminate or reduce effluent toxicity. These include, but are not limited to, source reduction or elimination, improved housekeeping, changes in chemical usage, and modifications of influent streams and effluent treatment.

The permittee may only apply this cessation of lethality provision once. If the effluent again demonstrates significant lethality to the same species, the permit will be amended to add a WET limit with a compliance period, if appropriate. However, prior to the effective date of the WET limit, the permittee may apply for a permit amendment removing and replacing the WET limit with an alternate toxicity control measure by identifying and confirming the toxicant and an appropriate control measure.

- g. The permittee shall complete the TRE and submit a final report on the TRE activities no later than 18 months from the last test day of the retest that demonstrates significant lethality. The permittee may petition the Executive Director (in writing) for an extension of the 18-month limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE. The report shall specify the control mechanism that will, when implemented, reduce effluent toxicity as specified in Part 5.h. The report shall also specify a corrective action schedule for implementing the selected control mechanism.

- h. Within 3 years of the last day of the test confirming toxicity, the permittee shall comply with 30 TAC § 307.6(e)(2)(B), which requires greater than 50% survival of the test organism in 100% effluent at the end of 24-hours. The permittee may petition the Executive Director (in writing) for an extension of the 3-year limit. However, to warrant an extension the permittee must have demonstrated due diligence in its pursuit of the toxicity identification evaluation/TRE and must prove that circumstances beyond its control stalled the toxicity identification evaluation/TRE.

The permittee may be exempted from complying with 30 TAC § 307.6(e)(2)(B) upon proving that toxicity is caused by an excess, imbalance, or deficiency of dissolved salts. This exemption excludes instances where individually toxic components (e.g., metals) form a salt compound. Following the exemption, this permit may be amended to include an ion-adjustment protocol, alternate species testing, or single species testing.

- i. Based upon the results of the TRE and proposed corrective actions, this permit may be amended to modify the biomonitoring requirements where necessary, require a compliance schedule for implementing corrective actions, specify a WET limit, specify a best management practice, and specify a chemical-specific limit.
- j. Copies of any and all required TRE plans and reports shall also be submitted to the U.S. EPA Region 6 office, 6WQ-PO.

TABLE 2 (SHEET 1 OF 2)

WATER FLEA SURVIVAL

GENERAL INFORMATION

	Time	Date
Composite Sample Collected		
Test Initiated		

PERCENT SURVIVAL

Time	Rep	Percent effluent					
		0%	6%	13%	25%	50%	100%
24h	A						
	B						
	C						
	D						
	E						
	MEAN*						

Enter percent effluent corresponding to the LC50 below:

24 hour LC50 = _____% effluent

TABLE 2 (SHEET 2 OF 2)
 FATHEAD MINNOW SURVIVAL

GENERAL INFORMATION

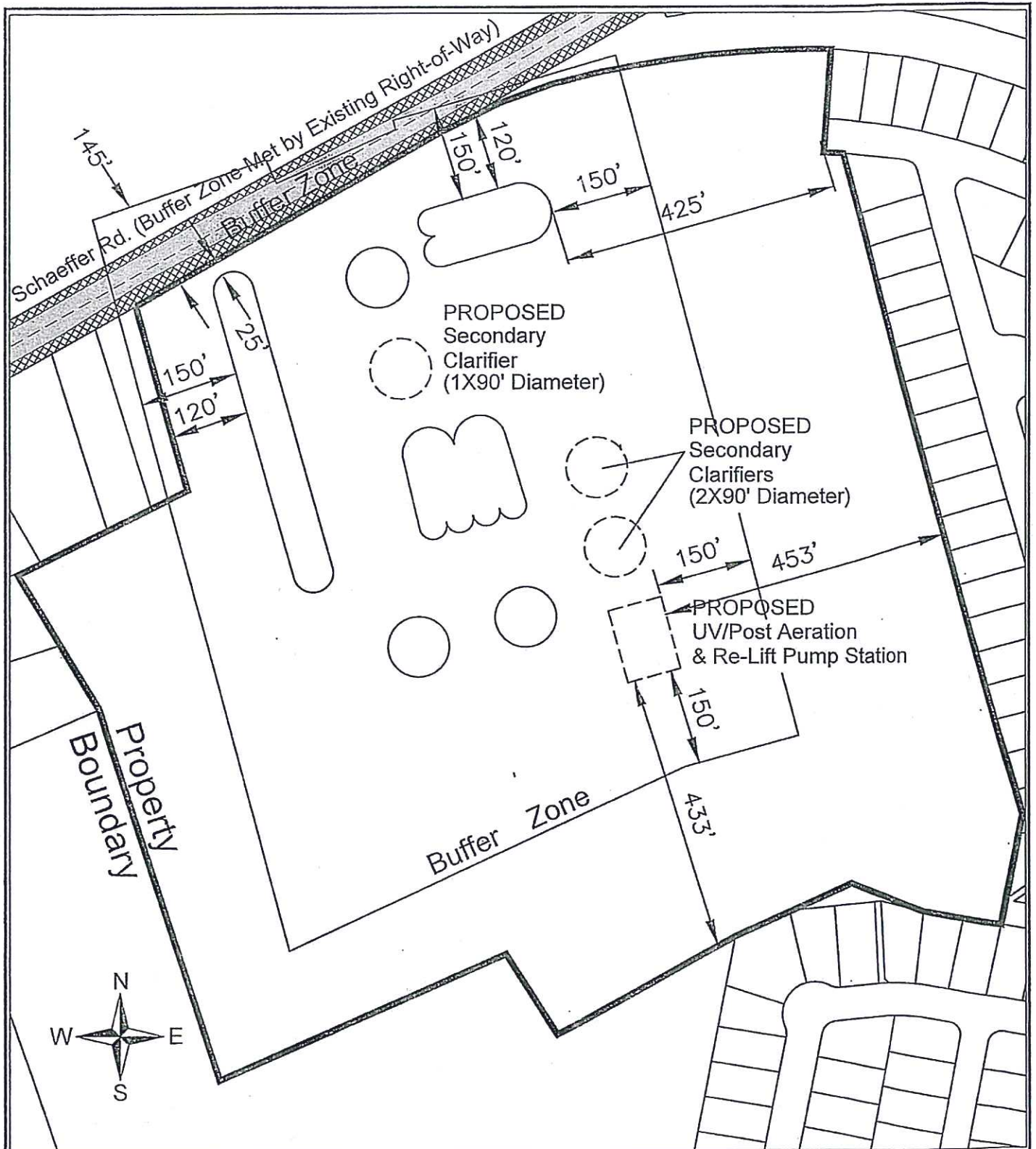
	Time	Date
Composite Sample Collected		
Test Initiated		

PERCENT SURVIVAL

Time	Rep	Percent effluent					
		0%	6%	13%	25%	50%	100%
24h	A						
	B						
	C						
	D						
	E						
	MEAN						

Enter percent effluent corresponding to the LC50 below:

24 hour LC50 = _____% effluent



Scale: 1" = 200'

SALATRILLO WWTP Buffer Zone Map



Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

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

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

Section 1. Preliminary Screening

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

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

Section 2. Secondary Screening

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

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

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

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

We believe this application does not require a public involvement plan because it will not generate sig

Section 3. Application Information

Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V

Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire
 Radioactive Material Licensing Underground Injection Control

Water Quality

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

Water Rights New Permit

- New Appropriation of Water
- New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)

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

City

County

Census Tract

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

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

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

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

(e) Languages commonly spoken in area by percentage

(f) Community and/or Stakeholder Groups

(g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

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

Yes No

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

Yes No

If Yes, please describe.

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

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

Yes No

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

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

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

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

Yes No

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

Yes No

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

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

Section 7. Voluntary Submittal

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

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

Yes No

What types of notice will be provided?

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

San Antonio River Authority WRPERM No. 13959

December 7, 2023

Salitrillo Wastewater Treatment Plant Accounting Plan
and
Salitrillo Wastewater Treatment Plant Discharge Data and DMR's

Contact

Mr. Chris Kozlowski

(512) 239-1801