Law Offices
of
GLENN JARVIS

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McAllen, Texas 78503
www.GlennJarvis.com

July 23, 2025

Mr. Joshua Schauer, Proj. Manager MC-160
Water Rights Permitting Team
Water Rights Permitting & Availability Section
Texas Comm. On Environmental Quality
P. O. Box 13087, Capitol Station
Austin, TX 78711-3087

Via Electronic Transmission
and
Via Regular U. S. Mail

RE: Application for Severance of Water Rights from Certificate of Adjudication No. 23-599 and Combining in Amendment to Certificate of Adjudication No. 2-3997

Dear Mr. Schauer,

On behalf of the City of Laredo, I am enclosing original executed copy of TCEQ Water Rights Permitting Application pertaining to the severance of agricultural use water rights from Certificate of Adjudication No. 23-599, and combining said water rights in Certificate of adjudication No. 23-3997 of Applicant, which includes the Administrative Information Report (including the Administrative Checklist) of the Technical Information Report and Attachments A-E.

Enclosed is my office check no. 7759 in the amount of $212.50 made payable to the Cashier representing the filing and recording fees.

Thank you for your attention and assistance in this matter. Should you need further information regarding the enclosed Application, please contact me.

Very truly yours,

Glenn Jarvis

GJ:llc
Encl.
xc: Mr. Gerardo "Jerry" Garza
[redacted]
Mr. Wes Kittleman
[redacted]

Received
Date: 07/23/2025
By: Water Availability Division

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): The City of Laredo, Texas

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

X_____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."

See Summary of Request, Attachment A

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?

The City of Laredo, Texas

(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 : 600131908 (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: Joseph W. Neeb

Title: City Manager

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

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: The City of Laredo, Texas

Mailing Address: 5816 Daugherty Avenue

City: Laredo State: TX ZIP Code: 78041

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	X 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: Glenn Jarvis

Title: Attorney

Organization Name: Law Offices of Glenn Jarvis

Mailing Address: 1801 S. 2nd St., Ste. 550

City: McAllen State: TX ZIP Code: 78503

Phone Number: 956-682-2660

Fax Number: 956-618-2660

E-mail Address: [redacted]

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: N/A

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** N/A

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** YES

6. SIGNATURE PAGE (Instructions, Page. 11)

Applicant:

I, Joseph W. Neeb City Manager - The City of Laredo, Texas
(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: 7/14/25
(Use blue ink) Joseph W. Neeb

JM

Subscribed and Sworn to before me by the said Joseph W. Neeb

on this 14th day of July, 20 25.

My commission expires on the 2nd day of June, 20 29.

_____
Notary Public

[SEAL]

Webb
County, Texas

ALEXIS ANN GONZALEZ
Notary ID #135517992
My Commission Expires
June 2, 2029

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

CITY OF LAREDO

Attest: _____
Mario L. Maldonado Jr.
City Secretary

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: July 2, 2025

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** NO

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** NO (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/A

c. Applicant requests to extend an existing Term authorization or to make the right permanent? **Y / N** NO (If yes, indicate the Term Certificate or Permit number: N/A)

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: 23-3997

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
Certificate 23-599	Certificate 23-3997

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** NO

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** NO

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** YES
If yes, submit:

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

d. Applicant requests to change: diversion point(s); or reach(es); or diversion rate? **Y / N** YES
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) N/A. Applicant has existing diversion point(s) on Rio Grande which are the requested diversion point(s) in this Application.

e. Applicant requests amendment to add or modify an impoundment, reservoir, or dam? **Y / N** NO

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

f. Other - Applicant requests to change any provision of an authorization not mentioned above? **Y / N** NO *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** Attached
- **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** 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.

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":

Applicant is located within Region M Planning Group. This Application is consistent with the State and Region M Regional Water Plan, which supports the transfer of municipal use rights where needed to meet current and future needs.

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

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** N/A

NOT APPLICABLE

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-feet) (*Include losses for Bed and Banks*)	**State Water Source (River Basin) or Alternate Source** *each *alternate source* (*and new appropriation based on return flows of others*) *also requires completion of Worksheet 4.0*	**Purpose(s) of Use**	**Place(s) of Use** **requests to move state water out of basin also require completion of Worksheet 1.1 Interbasin Transfer*

_____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**
392.837	agricultural	municipal	Starr County	Webb County

**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.

NOT APPLICABLE

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 irrespectiveof 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), andthe lands to be inundated. See instructions Page. 15. **Y / N**___

SEE SUMMARY REQUEST ATTACHMENT A

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. ____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**_____cfs (cubic feet per second) or_____gpm (gallons per minute)

c. Does this point share a diversion rate with other points? **Y / N**_____
*If yes, submit Maximum **Combined** Rate of Diversion for all points/reaches*_____cfs or_____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
☑	Directly from stream	*Existing
☐	From an on-channel reservoir	
☐	From a stream to an on-channel reservoir	
☐	Other method (explain fully, use additional sheets if necessary)	

*See Attachment C (Maps of Diversion Points)

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**_____

If yes, the drainage area is_____sq. miles.
(*If assistance is needed, call the Surface Water Availability Team at (512) 239-4600, prior to submitting application*)

NOT APPLICABLE

2. Diversion Location (Instructions, Page 25)

a. On watercourse (USGS name): _____

b. Zip Code: _____

c. Location of point: 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 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_____°N, Longitude_____°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):_____

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.

NOT APPLICABLE

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_____.

b. Provide the amount of water that will be lost to transportation, evaporation, seepage, channel or other associated carriage losses_____(% or amount) and explain the method of calculation:_____

c. Is the source of the discharged water return flows? **Y / N**_____If yes, provide the following information:

1. The TPDES Permit Number(s)._____(attach a copy of the **current** TPDES permit(s))
2. Applicant is the owner/holder of each TPDES permit listed above? **Y / N**_____

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

1. Source aquifer(s) from which water will be pumped:_____
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/gwdbrpt.asp. Additionally, provide well numbers or identifiers_____.
3. Indicate how the groundwater will be conveyed to the stream or reservoir.

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**____
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_____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_____cfs or_____gpm.

c. Name of Watercourse as shown on Official USGS maps: _____

d. Zip Code _____

e. Location of point: In the_____Original Survey No._____, Abstract No._____,_____County, Texas.

f. Point is at:

Latitude_____°N, Longitude_____°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):_____

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.**

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: _____

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 mapsubmitted 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.

NOT APPLICABLE

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:

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_____

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_____.

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. YES
   **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. YES
   **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. _X_ 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 YES Authorization, plus See Attachment D

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** N/A

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. X 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** Y See Attachment D.

See also Attachment E (Utility Profile for Retail Water Supplier).

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 ($)
Filing Fee	Circle fee correlating to the total amount of water* requested for any new appropriation and/or impoundment. Amount should match total on Worksheet 1, Section 1. Enter corresponding fee under **Amount ($).** In Acre-Feet 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		$
Agriculture Use Fee	*Only for those with an Irrigation Use.* Multiply 50¢ x_____Number of acres that will be irrigated with State Water. **	
Use Fee	*Required for all Use Types, **excluding Irrigation Use**.* Multiply $1.00 x_____Maximum annual diversion of State Water in acre-feet. **	
Recreational Storage Fee	*Only for those with Recreational Storage.* Multiply $1.00 x_____acre-feet of in-place Recreational Use State Water to be stored at normal max operating level.	
Storage Fee	*Only for those with Storage, **excluding Recreational Storage.*** 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 2 of water rights to combine	200.00
Recording Fee		$12.50
Mailed Notice	Additional notice fee to be determined once application is submitted.	
	TOTAL INCLUDED	$ 212.50

3. BED AND BANKS

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

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.

NOT APPLICABLE

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

NOT APPLICABLE

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

NOT APPLICABLE

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 N/A

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)

ATTACHMENT A

SUMMARY OF REQUEST

RE: APPLICATION TO SEVER RIGHTS FROM CERTIFICATE OF ADJUDICATION NO. 23-599 AND TO COMBINE THESE RIGHTS WITH CERTIFICATE OF ADJUDICATION NO. 23-3997, AS AMENDED, RIO GRANDE

---

1. **THE CITY OF LAREDO,** a municipal corporation of Webb County, Texas, (hereafter called **APPLICANT**), hereby requests the Commission to change the point of diversion and place and purpose of use of the right to divert up to a maximum of **392.837 acre feet** of water per annum from the Rio Grande for irrigation (agricultural) use purposes allocated on a Class A irrigation use priority basis being water rights evidenced by **Certificate of Adjudication No. 23-599** (the "Certificate"), and as grounds for this Application, Applicant would state as follows:

2. **E & S RIVER FARM, LTD.,** has conveyed to Applicant the right to divert a maximum of up to **392.837 acre feet** per annum for agricultural (irrigation) use purposes on a Class A irrigation use priority basis from the Rio Grande evidenced by the Certificate (the "Water Rights").

3. The existing purpose of use of the Water Rights is for agricultural (irrigation) use purposes. Applicant will utilize the allocated water under the Water Rights for municipal use purposes with a municipal use priority of allocation and therefore, a change in purpose of use to municipal use is hereby requested, and pursuant to Commission Rules, the change of purpose of use will result in a reduction of the diversion rights to a maximum of 196.419 acre feet per annum allocated on a municipal use priority of allocation by the Rio Grande Watermaster.

4. The existing place of use of the Water Rights of Applicant is in Starr County, Texas. The proposed new place of use of the Water Rights of Applicant is within the service area of Applicant in Webb County, Texas, as it presently exists, or as it is hereafter changed.

5. The diversion point of the Water Rights is requested to be changed to the diversion points of Applicant associated with and described in Certificate of Adjudication No. 23-3997, as amended, and are well known to the Rio Grande Watermaster and shown in the Commission's records, and described as follows:

A. Laredo/Columbia Water Treatment Plant located on the left, or north, bank of the Rio Grande at Latitude 27.702979° N, Longitude 99.748102° W, approximately 20 miles northwest of Laredo in Webb County, Texas with a maximum diversion rate of 1.56 cfs (700 gpm).

B. Del Mar Raw Water Intake located on the left, or east bank of the Rio Grande at Latitude 27.564431° N, Longitude 99.511006° W, also bearing N 39° E, 400 feet from the southwest corner of the Toribio Rodrigues Porcion No. 24, Abstract No. 268, approximately 4 miles northwest of the Webb County Courthouse in Laredo, Texas with a maximum diversion rate of 8.24 cfs (3700 gpm).

C. Jefferson Water Plant located on the left, or east bank of the Rio Grande at Latitude 27.523414° N. Longitude 99.524233° W, also bearing S 07° 45' W, 12,700 feet from the northwest corner of the Laredo Town Tract Survey, Abstract No. 239, approximately 1 ¾ miles northwest of the Webb County Courthouse in Laredo, Texas with a maximum diversion rate of 81.33 cfs (36,500 gpm).

D. El Pico Water Treatment Plant located at Latitude 27.635573° N, Longitude 99.592214° W, also bearing N 15° 12' 19" W 155.14 feet from the southwest corner of the El Pico Water Treatment Plant Plat - Lot 2, block 1, situated in Porcion No. 13, volume 155, pages 428-484, Abstract No. 51, approximately 11.7 miles northwest of Laredo in Webb County, Texas with a maximum diversion rate of 30.947 cfs (13,889 gpm).

6. Applicant requests that the Commission issue an Order severing the Water Rights, evidenced by the Certificate and combine the Water Rights with Applicant's other water rights under Certificate

of Adjudication No. 23-3997, as amended, and that such Order be made a part of the Commission files pertaining to the Certificate.

7. Applicant states that the change of point of diversion, and place and purpose of use, as requested herein, does not contemplate an increased appropriation of water or rate of diversion which would harm any other existing water right holders on the Rio Grande below Amistad and Falcon Reservoirs; and will not prejudice any other water right holder on the Rio Grande below Amistad Reservoir.

8. Applicant's Tax Identification No. is: **Tax I.D.: 74-6001573**

9. Applicant requests that the Commission approve this Application and issue an Order severing the Water Rights from the Certificate and an Amendment to Certificate of Adjudication No. 23-3997 and such other appropriate orders as are necessary changing the points of diversion and place and purpose of use of the Water Rights as above requested, and to combine the Water Rights as requested with other water rights of Applicant under Certificate of Adjudication No. 23-3997, as amended, and for such other relief to which Applicant is entitled.

ATTACHMENT B

RESOLUTION 2024 – R- 357

Authorizing the City Manager to sign a water rights sales agreement, a copy of which is attached hereto as exhibit a, between the City of Laredo and E & S River Farm, Ltd., a Texas limited partnership, in which the City is agreeing to purchase the right to divert and use 400 acre feet per annum of class "a" irrigation water rights to the Rio Grande, which after conversion from irrigation rights to municipal use rights amounts to 200 acre feet of municipal use rights per annum at $3,200.00 per municipal use ac./ft., for a purchase price of $640,000.00; and further authorizing the City Manager to sign and file necessary application(s) with the Texas Commission on Environmental Quality on behalf of the City requesting that said water rights be severed from certificate of adjudication no. 23-599, of the seller and combined with certificate of adjudication no. 23-3997, as amended, of the City and that the point(s) of diversion, purpose and place of use of said water rights be changed as required by the City. Funding is available in the Water Availability Fund.

WHEREAS, the City is in need of additional water rights to the Rio Grande to meet the City's water requirements; and

WHEREAS, the City Council finds that the purchase and acquisition of these water rights is in the best interest of the City.

NOW, THEREFORE, BE IT RESOLVED, that the City of Laredo City Council does hereby authorize the City Manager to sign the Water Rights Sales Agreement, attached hereto as Exhibit A, between the City of Laredo and E & S River Farm, Ltd., in which the City is agreeing to purchase the right to divert and use 400 acre feet per annum of Class "A" irrigation priority use water rights to the Rio Grande which after conversion from irrigation rights to municipal use rights amounts to 200 acre feet of municipal use rights per annum at $3200.00 per ac./ft., for a purchase price of $640,000.00; and further authorizing the City Manager, upon consummation of the said Water Rights Sales Agreement, to sign and file necessary application(s) with the Texas Commission on Environmental Quality on behalf of the City requesting that said water rights be severed from Certificate of Adjudication No. 23- 599, of the Seller and combined with Certificate of Adjudication No. 23-3997, as amended, of the City and that the points of diversion, purpose and place of use of said water rights be changed as required by the City.

PASSED AND APPROVED THIS 2 DAY OF December, 2024.

Dr. Victor D. Treviño, Mayor

ATTEST:

Mario I. Maldonado
City Secretary

APPROVED AS TO FORM:
Doanh T. Nguyen, City Attorney

By:

City Attorney

ATTACHMENT B

STATE OF TEXAS	§	***AMENDMENT***
		TO
COUNTY OF HIDALGO	§	***WATER RIGHTS SALES AGREEMENT***

WHEREAS, an AGREEMENT was entered into by and between **E & S RIVER FARM, LTD.**, a Texas limited partnership, 2611 Bristol Lane, San Joaquin County, Lodi, California 95242 (hereinafter called "**SELLER**"), and the **CITY OF LAREDO**, 5816 Daugherty Avenue, a municipality of the State of Texas, Webb County, Laredo, Texas 78041 (hereinafter called "**BUYER**") for the purpose of setting forth the Agreement between the parties, whereby **SELLER** agreed to sell and transfer to **BUYER**, and **BUYER** agreed to purchase from **SELLER**, the right to divert and use from the Rio Grande, up to a maximum of not to exceed **400 acre feet** per annum a portion of which may be used for agricultural and/or mining use purposes, and the remainder for agricultural use, having a Class "A" irrigation priority of allocation, being those water rights evidenced by Certificate of Adjudication No. 23-599, as amended (the "Certificate"), hereinafter referred to as the "Water Rights." and

WHEREAS, the agreed upon purchase price for the Water Rights was $640,000.00 (the "Purchase Price") to be paid by **BUYER** to **SELLER** subject to necessary proceedings before the Texas Commission on Environmental Quality, (hereinafter referred to as "TCEQ") based upon $1600.00 per acre foot of the Water Rights, and is payable in cash to **SELLER** upon the closing of this transaction in accordance with the terms of the AGREEMENT when the TCEQ approves the transfer of the Water Rights as provided for in the AGREEMENT; and

WHEREAS, an initial part of the necessary proceedings before the TCEQ is changing the ownership of the Water Rights from the SELLER to the BUYER by the TCEQ prior to filing an Application for an Amendment to the Water Rights with the TCEQ requesting the change of the place and purpose of use and point(s) of diversion designated by the BUYER; and

WHEREAS, in accordance with the AGREEMENT a Change of Ownership has been filed with the TCEQ, and the TCEQ has determined that SELLER is authorized to transfer and sell to BUYER the right to divert a maximum of up to 392.837 acre feet per annum from the Rio Grande in accordance with the records of the TCEQ instead of the amount of 400.00 as provided for in the AGREEMENT; which requires an amendment to the AGREEMENT with respect to the amount of Water Rights conveyed and purchase price of the Water Rights as currently provided for in the AGREEMENT; and

WHEREAS, the parties desire to amend the AGREEMENT only as to the amount of Water Rights covered in the AGREEMENT and the reduced purchase price based upon the $1600.00 per acre feet of Water Rights of the amended amount of Water Rights to be conveyed as herein provided.

NOW THEREFORE, in consideration of the premises and the interest of the parties to proceed with the necessary proceedings at the TCEQ so as to consummate their agreements in the existing AGREEMENT agreed as follows:

1. The amount of Water Rights covered by the AGREEMENT shall be changed from 400.00 acre feet as provided in the existing AGREEMENT to 392.837 acre feet.

2. The Purchase Price shall be changed based upon the agreed upon $1600.00 per acre foot in the AGREEMENT from $640,000.00 to $628,539.20.

3. In order to reduce the amount of Water Rights as a matter of record, **SELLER** and **BUYER** agree to execute and file of record a Correction Water Rights Conveyance conveying the right to divert a maximum of up to 392.837 acre feet per annum from the Rio Grande in lieu of the 400 acre feet conveyed in the existing Water Rights Conveyance.

4. All other provisions of the AGREEMENT shall remain the same and remain in full force and effect.

5. The effective Date of this Amendment to the AGREEMENT shall be deemed to be the last date signed by BUYER and SELLER as shown below.

EXECUTED by the parties in Duplicate Originals on the dates indicated below.

SELLER:

E & S RIVER FARM, LTD.,
a Texas limited partnership

BY: E & S RIVER FARM GP, LLC
A Texas limited liability company,
its General Partner

Date: 4/11/25

By: _____
Robert Fowler, Manager

BUYER:

CITY OF LAREDO

Date: 4/25/25

By: _____ JAR
For Joseph W. Reeb
Its: City Manager

ATTEST:

Mario I. Maldonado Jr.

Mario I. Maldonado, Jr.
City Secretary

Receipt of the above Amendment to Water Rights Sales Agreement is hereby acknowledged, and the Undersigned acknowledges the changes as agreed upon by BUYER and SELLER above.

Glenn Jarvis

GLENN JARVIS
ATTORNEY AT LAW

DATE: 4/25/25

llc\\c & s farms\laredo 2024 . \amdmnt - wtr rts sales agmt docx

VG-144-2025-389109

Starr
Humberto "Bert"
Gonzalez Jr
Starr County Clerk

Instrument Number: 389109

Real Property Recordings

CORRECTION

Recorded On: May 12, 2025 02:35 PM

Number of Pages: 11

" Examined and Charged as Follows: "

Total Recording: $61.00

********** THIS PAGE IS PART OF THE INSTRUMENT **********
Any provision herein which restricts the Sale, Rental or use of the described REAL PROPERTY because of color or race is invalid and unenforceable under federal law.

File Information:

Document Number:	389109
Receipt Number:	20250512000039
Recorded Date/Time:	May 12, 2025 02:35 PM
User:	Yamilet E
Station:	CCLERK-06

Record and Return To:

LAW OFFICES OF GLENN JARVIS

STATE OF TEXAS
COUNTY OF STARR

I hereby certify that this Instrument was FILED In the File Number sequence on the date/time printed hereon, and was duly RECORDED in the Official Records of Starr County, Texas.

Humberto "Bert" Gonzalez Jr
Starr County Clerk
Starr, TX

CHAPTER 11, SEC. 11.008, TEXAS PROPERTY CODE, NOTICE OF CONFIDENTIALITY RIGHTS: IF YOU ARE A NATURAL PERSON, YOU MAY REMOVE OR STRIKE ANY OF THE FOLLOWING INFORMATION FROM THIS INSTRUMENT BEFORE IT IS FILED FOR RECORD IN THE PUBLIC RECORDS: YOUR SOCIAL SECURITY NUMBER OR YOUR DRIVER'S LICENSE NUMBER.

STATE OF TEXAS §

COUNTY OF STARR §

CORRECTION WATER RIGHTS CONVEYANCE

WHEREAS, **E & S RIVER FARM, LTD.,** 2611 Bristol Lane, Lodi, California 95242 (hereinafter referred to as "GRANTOR"), owns water rights to the Rio Grande pursuant to Certificate of Adjudication No. 23-599; and

WHEREAS, **GRANTOR** has agreed to sell, convey, transfer, and assign to **CITY OF LAREDO,** 5816 Daugherty Avenue, Webb County, Texas, 78041water rights amounting to the right to divert and use a maximum of up to **392.837 acre feet** of water per annum to irrigate land in Starr County, Texas, on a Class "A" irrigation priority basis evidenced by **Certificate of Adjudication No. 23-599, as amended**, to irrigate land in Starr County, Texas, owned by GRANTOR.

NOW, THEREFORE, KNOW ALL MEN BY THESE PRESENTS: That **GRANTOR,** in consideration of the sum of TEN ($10.00) DOLLARS to it in hand paid by **CITY OF LAREDO** hereinafter referred to as **"GRANTEE",** together with other valuable consideration, receipt of which is hereby acknowledged, does hereby SELL, ASSIGN, TRANSFER AND CONVEY to GRANTEE the right to divert and use a maximum of up to **392.837 acre feet** of water per annum from the Rio Grande for irrigation purposes on a Class "A" irrigation priority basis evidenced by **Certificate of Adjudication No. 23-599, as amended,** owned by GRANTOR, hereinafter referred to as the "Water Rights."

GRANTOR does hereby expressly sever the Water Rights here conveyed from the real property to which the Water Rights were heretofore attached or considered appurtenant, being three

(3) tracts of land containing 252.87 acres, more or less, in Starr County, Texas, more particularly described on Exhibit "A" attached hereto and made a part hereof for all purposes.

No other rights of GRANTOR are hereby conveyed except the Water Rights and GRANTOR does hereby expressly authorize the Texas Commission on Environmental Quality ("TCEQ"), or its successor, or such agency or governmental body or authority having jurisdiction over the subject matter hereof, to make such changes in the records as are necessary to accomplish the conveyance and transfer of the Water Rights; and GRANTOR does hereby agree to execute such other instruments as shall be necessary and required by the TCEQ or other applicable authority in regard hereto.

TO HAVE AND TO HOLD the Water Rights together with all and singular the rights and appurtenances thereto, in any way belonging unto GRANTEE, its successors and assigns forever, and GRANTOR does hereby bind itself, its agents, representatives, successors and assigns, to warrant and forever defend all and singular the Water Rights unto the said GRANTEE, and its successors and assigns, against every person whomsoever lawfully claiming or to claim the Water Rights.

DATED and effective this 11th day of April, 2025.

THIS CORRECTION WATER RIGHTS CONVEYANCE IS GIVEN IN CORRECTION AND REPLACEMENT OF THAT CERTAIN WATER RIGHTS CONVEYANCE DATED JANUARY 16, 2025 AND RECORDED IN THE OFFICIAL RECORDS OF STARR COUNTY, TEXAS, UNDER DOCUMENT NUMBER 387240, WHEREIN BY ERROR OR MISTAKE THE WATER RIGHTS CONVEYANCE STATED IT CONVEYED 400 ACRE FEET OF WATER PER ANNUM TO IRRIGATE LAND IN STARR COUNTY, TEXAS ON A CLASS "A" IRRIGATION PRIORITY BASIS EVIDENCED BY CERTIFICATE OF ADJUDICATION NO. 23-599, AS AMENDED, WHEN IN FACT THE WATER RIGHTS CONVEYANCE SHOULD HAVE STATED 392.837 ACRE FEET, AND THIS INSTRUMENT IS MADE IN ORDER TO CORRECT SAID MISTAKE, AND IN ALL OTHER RESPECTS CONFIRMING SAID PRIOR WATER RIGHTS CONVEYANCE.

GRANTOR:

E & S RIVER FARM, LTD.,
a Texas limited partnership

BY: E & S RIVER FARM GP, LLC
a Texas limited liability company,
its General Partner

By: _____
Robert Fowler, Manager

STATE OF CALIFORNIA §
COUNTY OF San Joaquin §

This instrument was acknowledged before me on this 11th day of April, 2025, by Robert Fowler, in the capacity as stated, to certify which witness my hand and seal of office.

LISA ENGELHARDT
Notary Public - California
San Joaquin County
Commission # 2494587
My Comm. Expires Aug 11, 2028

_____
Notary Public in and for the State of

ACCEPTED AND AGREED TO:

GRANTEE:

CITY OF LAREDO

By: _____
Joseph W. Neeb
Its: City Manager

ATTEST:

_____
Mario I. Maldonado, Jr.
City Secretary

STATE OF TEXAS §
COUNTY OF Webb §

This instrument was acknowledged before me on this 25th day of April, 2025, by Joseph W. Neeb, in the capacity as stated, to certify which witness my hand and seal of office.

MARTHA A NAVARRO
Notary ID #133578494
My Commission Expires
February 8, 2026

_____
Notary Public in and for the State of Texas

RIO DELTA SURVEYING
FIRM #10013900
24593 FM 88, MONTE ALTO, TX 78538
(TEL) 956-380-5154 (FAX) 956-380-5156

NOT A BOUNDARY SURVEY

SURVEY EXHIBIT

TRACT 1

APPROXIMATELY 182.35 ACRES OUT OF LOTS 84, 85, 86, 90 THRU 98, AND 105 THRU 114, OUT OF UNIT 3, VALLE RICO DE RIO GRANDE LITTLE FARMS, PORCION 75 AND 76, ANCIENT JURISDICTION OF CAMARGO, MEXICO, NOW, STARR COUNTY, TEXAS. SAID 182.35 ACRES BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS;

BEGINNING AT A #4 IRON ROD SET ALONG THE EXISTING NORTH R.O.W. LINE OF U.S. HIGHWAY 83 AND THE WEST LINE OF LOT 110, UNIT 3, VALLE RICO DE RIO GRANDE LITTLE FARMS, OUT OF PORCIONES 75 AND 76, ANCIENT JURISDICTION OF CAMARGO, MEXICO, NOW, STARR COUNTY, TEXAS, FOR THE SOUTHWEST CORNER AND POINT OF BEGINNING OF THIS TRACT. SAID IRON ROD BEARS N 6° 42' 17" E, A DISTANCE OF 121.34 FEET FROM A #4 IRON ROD FOUND AT THE NORTHWEST CORNER OF LOT 1, THE BUD SUBDIVISION, RECORDED IN VOLUME 3, PAGE 443, S.C.M.R., STARR COUNTY, TEXAS;

1. THENCE, N 9° 42' 03" E ALONG THE WEST BOUNDARY LINE OF LOT 11 A, A DISTANCE OF 267.49 FEET TO A #4 IRON ROD FOUND, FOR AN ANGLE POINT OF THIS TRACT;

2. THENCE, N 06° 37' 52" E ALONG THE WEST BOUNDARY LINE OF SAID LOT 110, A DISTANCE OF 37.95 FEET TO A #4 IRON ROD FOUND, FOR AN ANGLE POINT OF THIS TRACT;

3. THENCE, N 09° 32' 41" E ALONG THE WEST BOUNDARY LINE OF LOTS 110 AND 109, A DISTANCE OF 579.38 FEET TO A 2" IRON PIPE FOUND, FOR AN ANGLE POINT OF THIS TRACT;

4. THENCE, N 09° 37' 04" E ALONG THE WEST BOUNDARY LINE OF LOTS 109, 94 AND 93, A DISTANCE OF 1,231.14 FEET TO A SQUARED PIPE FOUND UNDER A FENCE, FOR AN ANGLE POINT OF THIS TRACT;

5. THENCE, N 09° 50' 48" E FOLLOWING A FENCE ALONG THE WEST BOUNDARY LINE OF LOTS 93 AND 84, A DISTANCE OF 1,043.39 FEET TO A #4 IRON ROD SET AT A FENCE CORNER, FOR THE NORTHWEST CORNER OF THIS TRACT;

6. THENCE, S 80° 40' 00"E ALONG THE NORTH LINE OF LOTS 84, 85 AND 86, A DISTANCE OF 1,430.99 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

7. THENCE, S 71° 56' 11" E ACROSS LOT 86, A DISTANCE OF 202.66 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

8. THENCE, S 49° 34' 29" E ACROSS SAID LOT 86, A DISTANCE OF 297.84 FEET TO A #4 IRON ROD SET, FOR THE NORTHEAST CORNER OF THIS TRACT;

9. THENCE, S 05° 28' 35" E ACROSS LOTS 86 AND 91, A DISTANCE OF 748.15 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

10. THENCE, S 10° 57' 58" E ACROSS LOTS 91 AND 90, A DISTANCE OF 175.36 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

11. THENCE, S 13° 08' 21" E ACROSS LOTS 9A AND 97, A DISTANCE OF 491.39 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

12. THENCE, S 28° 53' 29" E ACROSS LOT 97, A DISTANCE OF 566.81 FEET TO A #4 IRON ROD SET, FOR AN INSIDE CORNER OF THIS TRACT;

BEARING BASIS
NAD83 TEXAS STATE PLANES,
SOUTH ZONE, US FOOT

11-26-24

EXHIBIT A

RIO DELTA SURVEYING
FIRM #10013900
24593 FM 88, MONTE ALTO, TX 78538
(TEL) 956-380-5154 (FAX) 956-380-5156

NOT A BOUNDARY SURVEY

SURVEY EXHIBIT

TRACT 1

13. THENCE, S 80° 22' 20" E ACROSS LOTS 97 AND 98, A DISTANCE OF 698.09 FEET TO A #4 IRON ROD FOUND ALONG THE EXISTING WEST R.O.W. LINE OF F. M. ROAD 3167, FOR THE EASTERNMOST NORTHEAST CORNER OF THIS TRACT;

14. THENCE, S 09°14' 50" W ALONG THE EXISTING WEST R.O.W. LINE OF F. M. ROAD 3167 AND ACROSS LOTS 98, 105 AND 114, A DISTANCE OF 894.87 FEET TO A #4 IRON ROD SET, FOR THE NORTHERNMOST SOUTHEAST CORNER OF THIS TRACT;

15. THENCE, S 52° 31' 14" W ALONG THE EXISTING WEST R.O.W. LINE OF F. M. ROAD 3167 AND ACROSS LOT 114, A DISTANCE OF 145.60 FEET TO A #4 IRON ROD SET ALONG THE EXISTING NORTH R.O.W. LINE OF U.S. HIGHWAY 83, FOR THE SOUTHEAST CORNER OF THIS TRACT;

16. THENCE, N 83° 50' 43" W ALONG THE EXISTING NORTH R.O.W. LINE OF U. S. HIGHWAY 83 AND ACROSS LOTS 114, 113, 112, 111 AND 110, A DISTANCE OF 3,299.35 FEET TO THE POINT OF BEGINNING AND CONTAINING 182.35 ACRES OF LAND, MORE OR LESS.

BEARING BASIS
NAD83 TEXAS STATE PLANES,
SOUTH ZONE, US FOOT

11-26-24

STATE OF TEXAS
REGISTERED
JOSE MARIO GONZALEZ
5571
PROFESSIONAL
LAND SURVEYOR

EXHIBIT A

RIO DELTA SURVEYING
FIRM #10013900
24593 FM 88, MONTE ALTO, TX 78538
(TEL) 956-380-5154 (FAX) 956-380-5156

NOT A BOUNDARY SURVEY

SURVEY EXHIBIT

TRACT II

APPROXIMATELY 48.82 ACRES OUT OF TRACT 78, SHARE 44, OUT OF THE ANNA K. BASS TRACT IN PORCION 75 AND OUT OF THE UNDIVIDED PORCION 76, ALL OUT OF THE ELMORE AND STAHL TRACT ANCIENT JURISDICTION OF CAMARGO, MEXICO, NOW, STARR COUNTY, TEXAS, CRISTOVAL GARCIA, ORIGINAL GRANTEE, ABSTRACT 87. SAID 48.82 ACRES BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A #4 IRON ROD FOUND ALONG THE EXISTING SOUTH R.O.W. LINE OF U. S. HIGHWAY 83 AND AT THE NORTHWEST CORNER OF LOT 1, HERITAGE COMMERCIAL CENTER PHASE I, (VOLUME 2, PAGE 363, S.C.M.R.), FOR THE NORTHEAST CORNER AND POINT OF BEGINNING OF THIS TRACT;

1. THENCE, S 09° 42' 35" W ALONG THE WEST LINE OF SAID LOT 1, HERITAGE COMMERCIAL CENTER PHASE I, VOLUME 2, PAGE 363, AND ACROSS THE ELMORE AND STAHL TRACT, VOLUME 186, PAGE 43, A DISTANCE OF 260.50 FEET TO A #4 IRON ROD FOUND AT THE SOUTH WEST CORNER OF SAID HERITAGE COMMERCIAL CENTER PHASE I (ALONG THE NORTH LINE OF LOT 1, U.S. ARMY RESERVE CENTER – VOLUME 3, PAGE 534, S.C.M.R.), AND OUTSIDE CORNER OF THIS TRACT;

2. THENCE, N 83° 50' 43" ALONG THE NORTH LINE OF LOT 1, U.S. ARMY RESERVE CENTER – VOLUME 3, PAGE 534, S.C.M.R., A DISTANCE OF 528.61 FEET TO A FOUND BRASS MONUMENT AT THE NORTH WEST CORNER OF SAID LOT 1, FOR AN INSIDE CORNER OF THIS TRACT;

3. THENCE, S 6° 09' 17" W ALONG THE WEST LINE OF LOT 1, U.S. ARMY RESERVE CENTER – VOLUME 3, PAGE 534, S.C.M.R., A DISTANCE OF 543.00 FEET TO A FOUND BRASS MONUMENT AT THE SOUTH WEST CORNER OF SAID LOT 1, FOR AN OUTSIDE CORNER OF THIS TRACT;

4. THENCE, N 83° 50' 43" W ALONG THE NORTH LINE OF TRACT OWNED BY JORGE & MARIA B FALCON – INSTRUMENT # 375243 S.C.D.R., A DISTANCE OF 2,881.68 FEET TO A #4 IRON ROD FOUND FOR AN OUTSIDE AND SOUTH WEST CORNER OF THIS TRACT;

5. THENCE, N 8° 27' 49" E ALONG THE DIVIDING LINE BETWEEN TRACT 80, SHARE 25 AND TRACT 79, SHARE 44, A DISTANCE OF 161.34 FEET TO A #4 IRON ROD FOUND, FOR AN OUTSIDE CORNER OF THIS TRACT;

6. THENCE, S 80° 16' 41" E ALONG THE DIVIDING LINE BETWEEN TRACT 78, SHARE 39 AND SAID TRACT 79, SHARE 44, A DISTANCE OF 134.20 FEET TO A #4 IRON ROD FOUND, FOR AN INSIDE CORNER OF THIS TRACT;

7. THENCE, N 10° 13' 16" E ALONG THE EAST LINE OF SAID TRACT 78, SHARE 39 AND THE WEST BOUNDARY LINE OF THE MRS. ANNA K. BASS TRACT, A DISTANCE OF 69.72 FEET TO A #4 IRON ROD FOUND, FOR AN ANGLE POINT OF THIS TRACT;

8. THENCE, N 09° 31' 07" E ALONG THE EAST LINE OF SAID TRACT 78, SHARE 39 AND THE WEST BOUNDARY LINE OF THE MRS. ANNA K. BASS TRACT, A DISTANCE OF 53.67 FEET TO A #4 IRON ROD FOUND AT THE SOUTHWEST CORNER OF THE BUD SUBDIVISION, (VOL. 3, PG. 443, S.C.M.R.), FOR AN OUTSIDE CORNER OF THIS TRACT;

BEARING BASIS
NAD83 TEXAS STATE PLANES,
SOUTH ZONE, US FOOT

11-26-24

EXHIBIT A

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24593 FM 88, MONTE ALTO, TX 78538
(TEL) 956-380-5154 (FAX) 956-380-5156

NOT A BOUNDARY SURVEY

SURVEY EXHIBIT

TRACT II

9. THENCE, S 83° 52' 14" E ALONG THE SOUTH BOUNDARY LINE OF THE BUD SUBDIVISION, AND ACROSS SAID ELMORE AND STAHL TRACT, A DISTANCE OF 431.13 FEET TO A #4 IRON ROD FOUND AT THE SOUTHEAST CORNER OF SAID BUD SUBDIVISION, FOR AN INSIDE CORNER OF THIS TRACT;

10. THENCE, N 06° 07' 46" E ALONG THE EAST BOUNDARY LINE OF THE BUD SUBDIVISION, AND ACROSS SAID ELMORE AND STAHL TRACT, A DISTANCE OF 524.11 FEET TO A #4 IRON ROD FOUND ALONG THE SOUTH R.O.W. LINE OF U.S. HIGHWAY 83 AND AT THE NORTH EAST CORNER OF SAID BUD SUBDIVISION, FOR THE NORTH WEST CORNER OF THIS TRACT;

11. THENCE, S 83° 50' 43" E ALONG THE EXISTING SOUTH R.O.W. LINE OF U. S. HIGHWAY 83, A DISTANCE OF 2,846.84 FEET TO THE POINT OF BEGINNING AND CONTAINING 48.82 ACRES OF LAND, MORE OR LESS.

11-26-24

STATE OF TEXAS
REGISTERED
JOSE MARIO GONZALEZ
5571
PROFESSIONAL
LAND SURVEYOR

BEARING BASIS
NAD83 TEXAS STATE PLANES,
SOUTH ZONE, US FOOT

EXHIBIT A

RIO DELTA SURVEYING
FIRM #10013900
24593 FM 88, MONTE ALTO, TX 78538
(TEL) 956-380-5154 (FAX) 956-380-5156

NOT A BOUNDARY SURVEY

SURVEY EXHIBIT

TRACT III

APPROXIMATELY 21.70 ACRES OUT OF THE UNDIVIDED PORCION 76 OUT OF THE ELMORE AND STAHL TRACT ANCIENT JURISDICTION OF CAMARGO, MEXICO, NOW, STARR COUNTY, TEXAS, CRISTOVAL GARCIA, ORIGINAL GRANTEE, ABSTRACT 87. SAID 21.70 ACRES BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT A #4 IRON ROD FOUND ALONG THE EXISTING SOUTH R.O.W. LINE OF U.S. HIGHWAY 83 AND AT THE NORTH EAST CORNER OF A McDONALD'S REAL ESTATE COMPANY TRACT OF LAND, AS RECORDED BY INSTRUMENT # 385584 S.C.D.R., FOR THE NORTHWEST CORNER AND POINT OF BEGINNING OF THIS TRACT;

1. THENCE, S 83° 54' 55" E ALONG THE EXISTING SOUTH R.O.W. LINE OF U.S. HIGHWAY 83 AND ACROSS THE ELMORE AND STAHL TRACT, AT A DISTANCE OF 209.08 FEET PASS A #4 IRON ROD SET AT THE SOUTH WEST R.O.W. LINE OF A 150.00-FOOT STARR COUNTY DRAINAGE EASEMENT (VOL. 204, PAGE 496, S.C.D.R.) AND CONTINUING A TOTAL DISTANCE OF 774.50 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

2. THENCE, S 83° 54' 08" E ALONG THE EXISTING SOUTH R.O.W. LINE OF U.S. HIGHWAY 83 AND ACROSS THE ELMORE AND STAHL TRACT, A DISTANCE OF 100.08 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

3. THENCE, S 84° 51' 26" E ALONG THE EXISTING SOUTH R.O.W. LINE OF U.S. HIGHWAY 83 AND ACROSS THE ELMORE AND STAHL TRACT, A DISTANCE OF 99.90 FEET TO A #4 IRON ROD SET, FOR AN ANGLE POINT OF THIS TRACT;

4. THENCE, S 83° 43' 49" E ALONG THE EXISTING SOUTH R.O.W. LINE OF U.S. HIGHWAY 83 AND ACROSS THE ELMORE AND STAHL TRACT, A DISTANCE OF 100.05 FEET TO A #4 IRON ROD FOUND, FOR THE NORTH EAST CORNER OF THIS TRACT;

5. THENCE, S 09° 02' 55" W ACROSS THE ELMORE AND STAHL TRACT, AT A DISTANCE OF 525.52 FEET PASS A #4 IRON ROD SET AT THE SOUTH R.O.W. LINE OF SAID 150.00-FOOT STARR COUNTY DRAINAGE EASEMENT AND CONTINUING A TOTAL DISTANCE OF 806.61 FEET TO A #4 IRON ROD FOUND ALONG THE NORTH LINE OF TRACT OWNED BY JORGE & MARIA B FALCON - INSTRUMENT # 375243 S.C.D.R., FOR THE SOUTH EAST CORNER OF THIS TRACT;

6. THENCE, N 83° 50' 43" W ALONG THE NORTH LINE OF TRACT OWNED BY JORGE & MARIA B FALCON - INSTRUMENT # 375243 S.C.D.R., AND ACROSS THE ELMORE AND STAHL TRACT, A DISTANCE OF 1,263.85 FEET TO A #4 IRON ROD FOUND ALONG THE EAST LINE OF LOT 2 E & S FARMS SUBDIVISION, VOLUME 3, PAGE 473 S.C.M.R., ALSO BEING THE SOUTH WEST CORNER OF THIS TRACT;

7. THENCE, N 09° 41' 53" E ALONG THE EAST BOUNDARY LINE OF E & S FARMS SUBDIVISION, VOLUME 3, PAGE 473 S.C.M.R., A DISTANCE OF 433.97 FEET TO A #4 IRON ROD FOUND ALONG THE EAST LINE OF SAID E & S FARMS SUBDIVISION (LOT 1), ALSO BEING THE SOUTH WEST CORNER OF A McDONALD'S REAL ESTATE COMPANY TRACT OF LAND, AS RECORDED BY INSTRUMENT # 385584 S.C.D.R., FOR AN OUTSIDE CORNER OF THIS TRACT;

BEARING BASIS
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11-26-24

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NOT A BOUNDARY SURVEY

SURVEY EXHIBIT

TRACT III

8. THENCE, S 83° 52' 09" E ALONG THE SOUTH LINE OF SAID McDONALD'S REAL ESTATE COMPANY TRACT, A DISTANCE OF 180.35 FEET TO A #4 IRON ROD FOUND, FOR THE SOUTH EAST CORNER OF SAID TRACT AND THIS TRACT;

9. THENCE, N 9° 41' 53" E ALONG THE EAST LINE OF SAID McDONALD'S REAL ESTATE COMPANY TRACT, A DISTANCE OF 370.47 FEET TO A #4 IRON ROD FOUND ALONG THE EXISTING SOUTH R.O.W. LINE OF U. S. HIGHWAY 83, FOR THE NORTH EAST CORNER OF SAID TRACT AND THE POINT OF BEGINNING CONTAINING 21.70 ACRES OF LAND, MORE OR LESS.

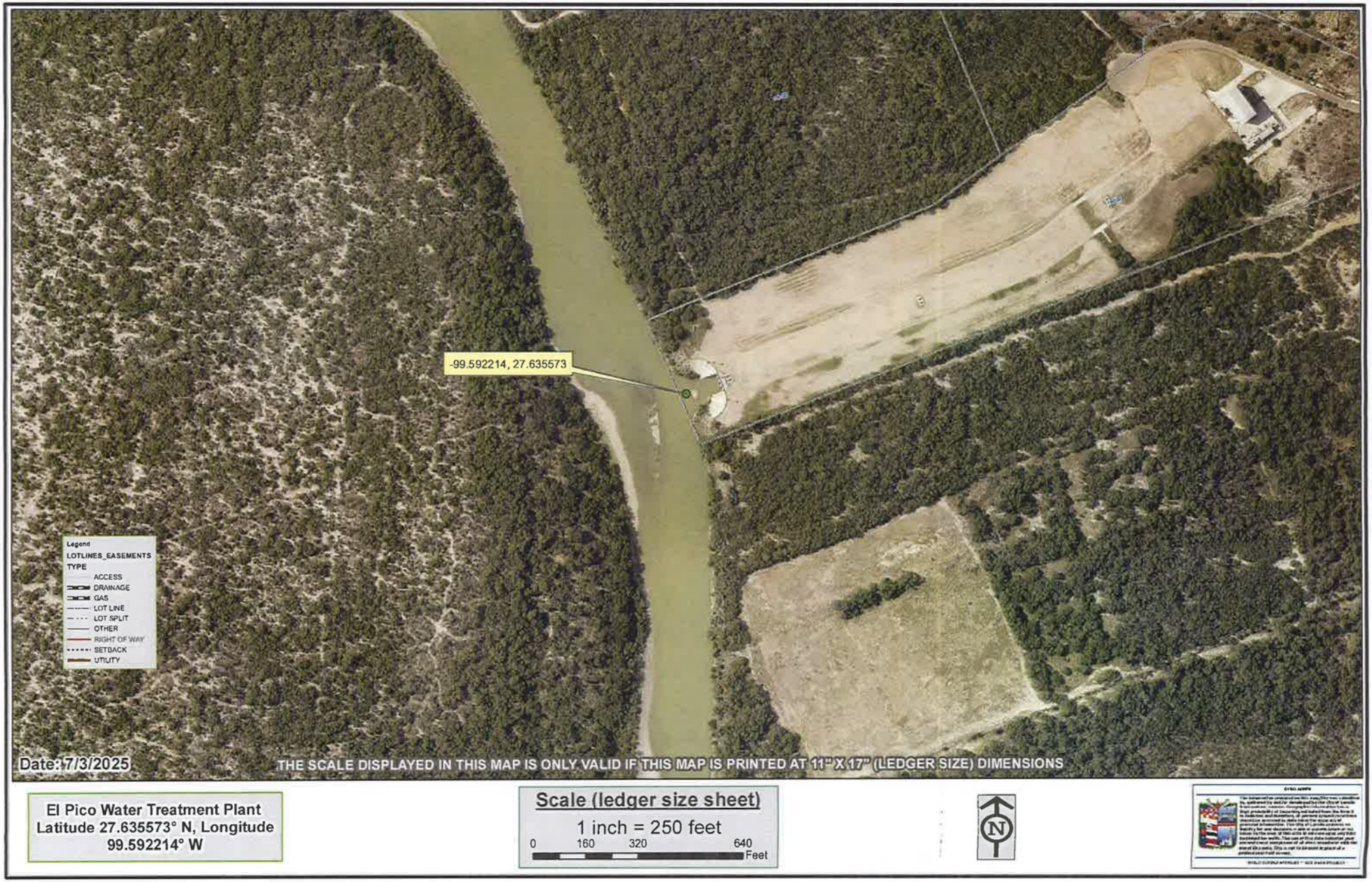
BEARING BASIS
NAD83 TEXAS STATE PLANES,
SOUTH ZONE, US FOOT

11-26-24

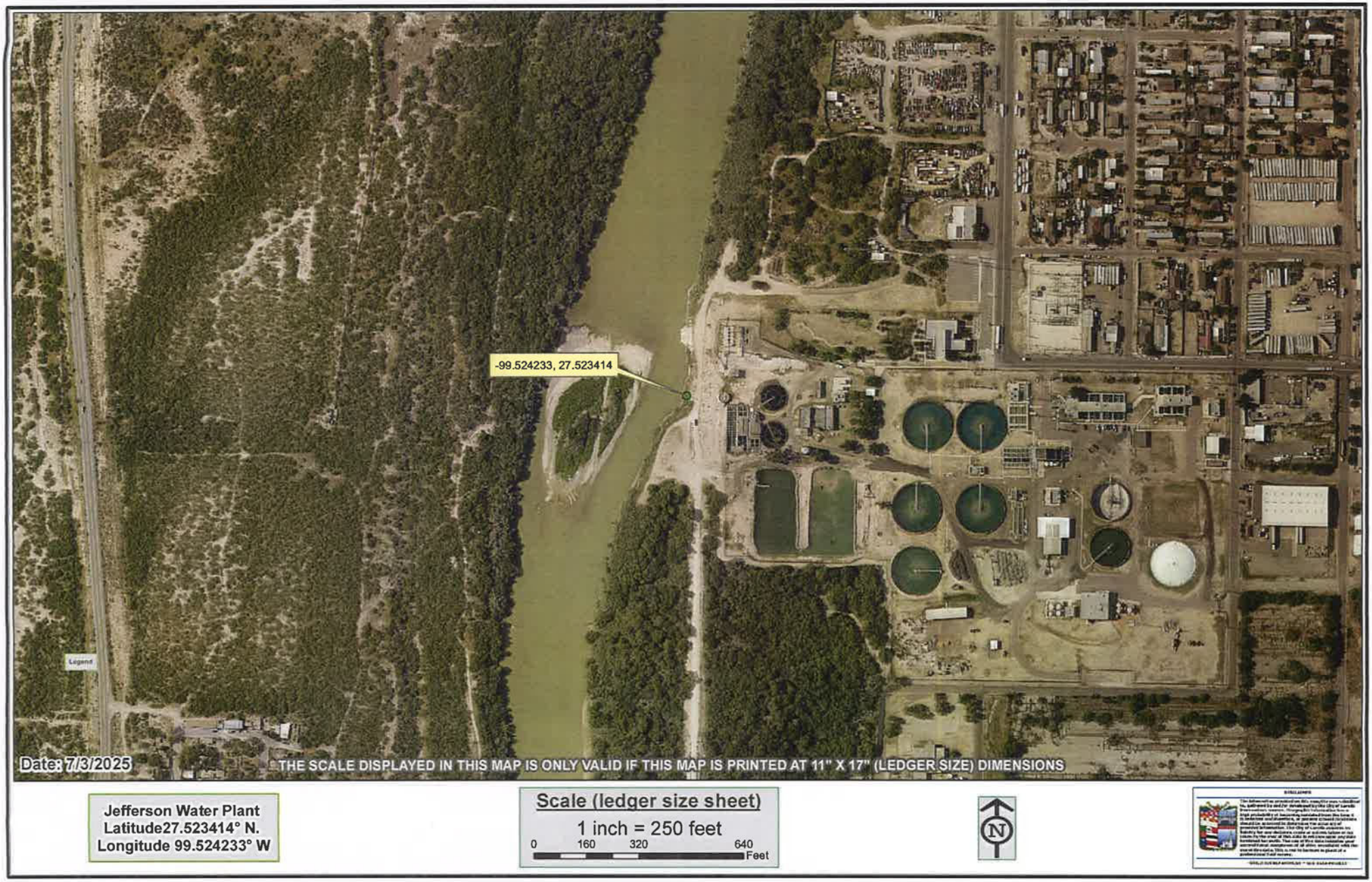
STATE OF TEXAS
REGISTERED
JOSE MARIO GONZALEZ
5571
PROFESSIONAL
LAND SURVEYOR

EXHIBIT A

ATTACHMENT C



ATTACHMENT C



Jefferson Water Plant
Latitude27.523414° N.
Longitude 99.524233° W

Scale (ledger size sheet)

1 inch = 250 feet

0 160 320 640 Feet

N

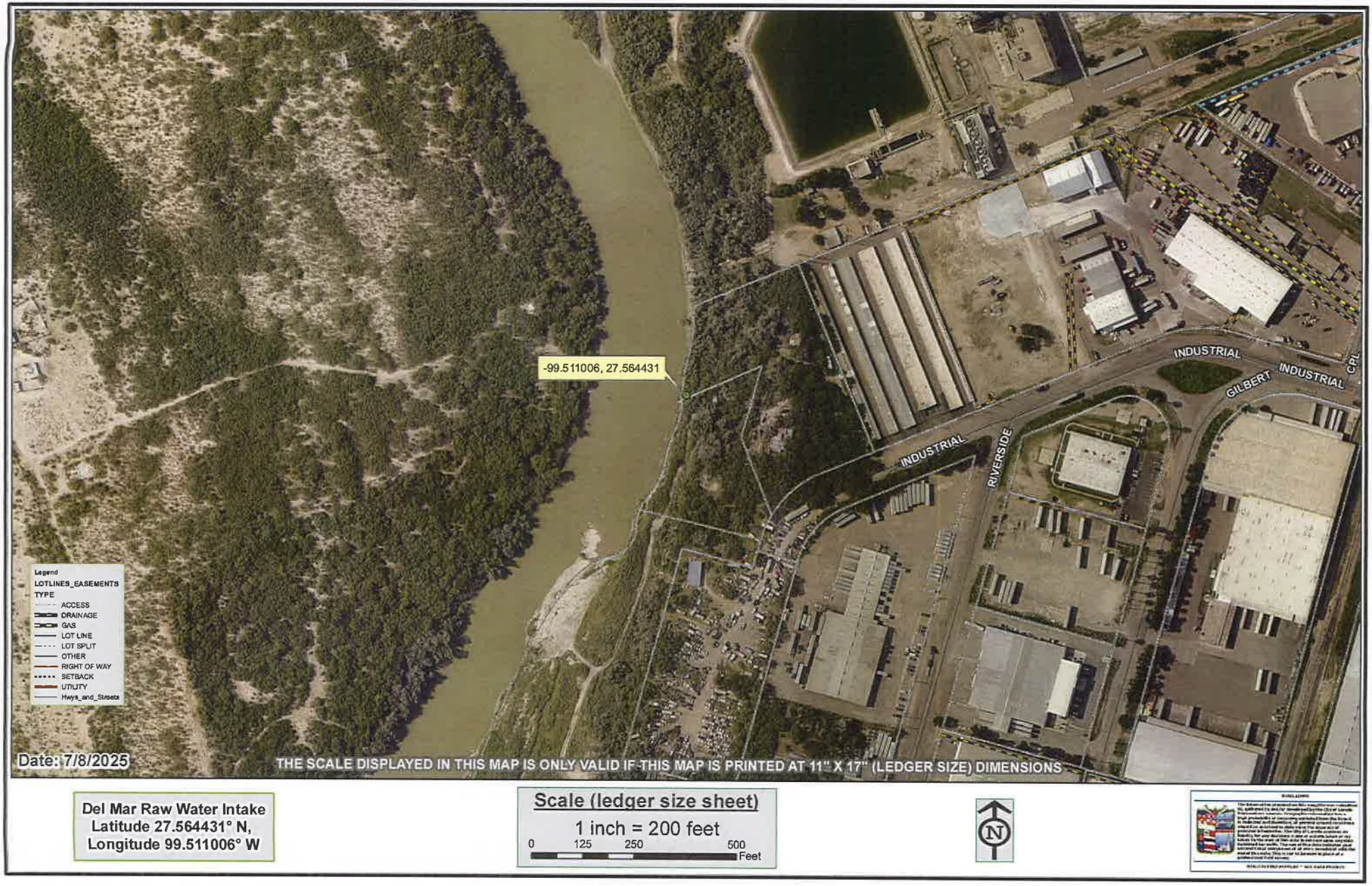
Laredo/Columbia Water Treatment Plant
Latitude 27.702979° N,
Longitude 99.748102° W

Scale (ledger size sheet)

1 inch = 200 feet

0 125 250 500 Feet

N



Del Mar Raw Water Intake
Latitude 27.564431° N,
Longitude 99.511006° W

Scale (ledger size sheet)

1 inch = 200 feet

0 125 250 500 Feet

N

ATTACHMENT D

ORDINANCE NO. 2024-O-095

AMENDING CITY OF LAREDO CODE OF ORDINANCES, CHAPTER 31, ARTICLE III, DIVISION 4, WATER CONSERVATION IN MULTIPLE SECTIONS TO INCLUDE A REDUCTION IN THE GALLONS PER CAPITA PER DAY CONSUMPTION (GPCD) FROM 140 GPCD TO 130 GPCD BY YEAR 2029 AND 120 GPCD BY YEAR 2034, CHANGES IN CRITERIA FOR INITIATION AND TERMINATION OF DROUGHT RESPONSE STAGES, CHANGES TO LANDSCAPE REGULATIONS APPLICABLE ON AND AFTER JANUARY 1, 2025, CHANGES TO OUTDOOR WATER MANAGEMENT, CHANGES TO WASTING WATER DEFINITIONS, CHANGES TO ALL DROUGHT STAGE IRRIGATION SCHEDULES, MANDATORY RESTRICTIONS FOR EACH DROUGHT STAGE; PROVIDING FOR PUBLICATION, SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the City of Laredo is committed to protecting the Rio Grande River as a unique natural resource and a primary source of water; and

WHEREAS, the welfare of the citizens of Laredo is dependent upon the quality and quantity of the water from the Rio Grande River; and

WHEREAS, Section 11.1271 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality, as amended, requires the surface water right applicants and holders of an existing permit, certified filing, or certificate of adjudication for the appropriation of surface water in the amount of 1,000 acre-feet per year or more for municipal, industrial, and other uses, and 10,000 acre-feet a year or more for irrigation uses use to prepare a water conservation and drought contingency plan; and

WHEREAS, the Texas Commission on Environmental Quality requires an update to all municipal water conservation and drought contingency plans every five years, in which this amendment is due by May 1, 2024; and

WHEREAS, the Texas Water Development Board requires a copy of all municipal water conservation and drought contingency plans in order to qualify for further funding; and

WHEREAS, Chapter 288, "Water Conservation Plans, Drought Contingency Plans, Guidelines, and Requirements" from the Texas Administrative Code outlines the criteria that must be included in a city's water conservation plan and this amendment keeps the City of Laredo in compliance with state laws.

WHEREAS, the City of Laredo understands that the demand for water may significantly increase during the foreseeable future due to population growth; and

WHEREAS, the City of Laredo is committed to maximizing its water resources and recognizes that prolonged periods of drought, extreme heat and urban heat island effect significantly impact water availability from the Rio Grande River; and

WHEREAS, the City of Laredo wants to promote a culture among its citizens that values efficient water utilization and conservation of our water resources; and

WHEREAS, the City of Laredo Utilities Department's Water Master Plan and the Region M Plan include advanced water conservation strategies when projecting water demand for Laredo's future water needs; and

WHEREAS, to achieve and sustain an overall gallons per capita per day consumption as indicated in the Water Conservation and Drought Contingency Plan, different water conservation strategies become
necessary; and

WHEREAS, the City of Laredo developed a Water Conservation and Drought Contingency plan to be adopted as a combined ordinance officially named the Water Conservation Ordinance; and

WHEREAS, the implementation of the water conservation plan on a year-round basis will result in a reduction of water use per capita without significantly impacting the quality of life for Laredo citizens; and

WHEREAS, the implementation of the drought contingency stages based on the triggering conditions described on the plan establishes procedures for identifying and responding to a water supply emergency minimizing any risks to public health and safety, preserving essential public services, and minimizing any adverse impacts of a water supply emergency on the residents and economic well-being of the city; and

WHEREAS, the City of Laredo Utilities Department has drafted language from the Water Conservation and Drought Contingency plan that would increase water conservation standards with input from the general public; and

WHEREAS, the recommended provisions address a variety of water uses and center around specific methods, equipment, and behaviors that will result in significant water savings upon implementation; and

WHEREAS, the City of Laredo is required by the Texas Commission on Environmental Quality and the Texas Water Development Board to update the current Water Conservation and Drought Contingency Plans to help reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water, and increase the recycling and reuse of water for the ultimate purpose of making a water supply available for future or alternative uses.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF LAREDO, TEXAS:

Section 1: That the City of Laredo's Water Conservation and Drought Contingency Plan attached hereto as Exhibit "A" and made part hereof for all purposes be, and the same is hereby, adopted as the official policy of the City.

Section 2: That all ordinances that are in conflict with the provisions of this ordinance be, and the same are hereby, repealed and all other ordinances of the City not in conflict with the provisions of this ordinance shall remain in full force and effect.

Section 3: *Severability:* Should any paragraph, sentence, subdivision, clause, phrase, or section of this ordinance be adjudged or held to be unconstitutional, illegal or invalid, the same shall not affect the validity of this ordinance as a whole or any provision thereof, other than the part so declared to be invalid, illegal or unconstitutional.

Section 4: *Effective Date:* This Ordinance shall become effective not less than sixty (60) days from the date of the public hearing on this Ordinance, in accordance with the City Charter.

Section 5: *Publication:* After its passage by City Council, this Ordinance shall be published one (1) time in accordance with the provisions set forth in Section 2.09 (D) of the City Charter.

PASSED BY THE CITY COUNCIL AND APPROVED BY THE MAYOR

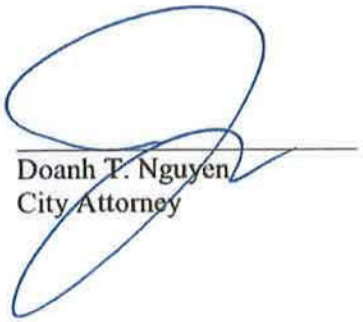
ON THE 20th DAY OF May, 2024.

Dr. Victor Trevino
Mayor

ATTEST:

Mario I. Maldonado, Jr.
City Secretary

APPROVED AS TO FORM:



Doanh T. Nguyen
City Attorney

CITY OF LAREDO

WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN

REVISED APRIL 2024

CITY OF LAREDO UTILITIES DEPARTMENT

ATTACHMENT C

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1.0 Declaration of Policy, Purpose, and Intent

This document combines the City of Laredo's Water Conservation Plan and Drought Contingency Plan. In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the City of Laredo hereby adopts the following regulations and restrictions on the delivery and consumption of water.

The Water Conservation and Drought Contingency Plan has been prepared in accordance with Texas Administrative Code Title 30 Chapter 288 Subchapter B Rule §288.20 for Municipal Uses by Public Water Suppliers.

2.0 Introduction and Objectives

The City of Laredo is located on the South Texas Border and has a semi-arid climate with currently one main water source, the Rio Grande river.

In an effort to reduce long-term capital expenditures and ensure water availability for all customers, the City of Laredo instituted a water conservation program in February 2006 to implement water conservation regulations citywide in accordance with the rules of the Texas Water Development Board and the Texas Commission on Environmental Quality. With the help of the Water Conservation and Drought Contingency Plan, the city will continue to implement additional activities and programs, as deemed necessary, in order to meet or exceed specific and quantified water conservation goals.

2.1 The objectives of the Water Conservation Plan are to:

1. Reduce water consumption;
2. Reduce the loss and waste of water;
3. Educate our community on the importance and value of water;
4. Promote water conservation and the efficient use of water through public outreach and education;
5. Promote native landscapes;
6. Provide customers and new comers with water conservation strategies;
7. Improve efficiency in the use of water; and
8. Extend the life of our current water supply by reducing the rate of growth of per capita demand.

2.2 The objectives of the Drought Contingency Plan are to:

1. Conserve the available water supply in times of drought and emergency;
2. Maintain supplies for domestic water use, sanitation, and fire protection;

3. Protect and preserve public health, welfare and safety;
4. Minimize the adverse impacts of water supply shortages; and
5. Minimize the adverse impacts of emergency water conditions.

3.0 Authorization

The City Manager, or designee is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The City Manager or designee shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

4.0 Application

The provisions of this Plan shall apply to all persons, customers, and property utilizing water provided by the City of Laredo. The terms "person" and "customer" as used in the Plan include individuals, corporations, partnerships, associations, and all other legal entities.

5.0 Definitions

For the purposes of this Plan**,** the following definitions shall apply:

Aesthetic water use: Water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.

Athletic Field: A field used for playing sports made up of turf grass and primarily used for organized sports practice, competitions or school events.

City manager: The City Manager for the City of Laredo, Texas or designee.

Commercial and institutional water use: Water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.

Conservation: Those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.

Customer: Any person, company, or organization using water supplied by the City of Laredo.

Designated outdoor water use day: The day prescribed by the City of Laredo irrigation schedule on which a person or business is permitted to water outdoors.

Drip irrigation: The method of low volume, low pressure water application for landscapes from a series of valves, pipes, tubes and emitters delivering water at a rate of 0.16 up to 4 gallons an hour.

Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.

Even number address: Street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.

Foundation watering: An application of water to the soils directly abutting (within 2 feet) the foundation of a building, structure.

Hose-end sprinkler: An above ground water distribution device that attaches to a garden hose.

Industrial water use: The use of water in processes designed to convert materials of lower value into forms having greater usability and value.

Institutional use: The use of water by an establishment dedicated to public service, such as a school, university, church, hospital, nursing home, prison, or government facility. All facilities dedicated to public service are considered institutional regardless of ownership.

Irrigation system: A system with fixed pipes and emitter or heads used for the irrigation of grass, turf, crops, trees, and pastureland.

Large water users: Customers who consume for than 4,000 gallons per day

Landscape irrigation use: Water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.

Municipal use: The use of potable water provided by a public water supplier as well as the use of sewage effluent for residential, commercial, industrial, agricultural, institutional, and wholesale uses.

Non-essential water use: Water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

(a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
(b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
(c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
(d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
(e) flushing gutters or permitting water to run or accumulate in any gutter or street;
(f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
(g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
(h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
(i) use of water from hydrants for construction purposes or any other purposes other than firefighting.

Odd numbered address: Street addresses, box numbers, or rural postal route numbers ending in 1, 3, 5, 7, or 9.

Ornamental fountain: A fountain with water feature that utilizes a jet, stream or flow of water and is not used for the preservation of aquatic life.

Residential customer: Customer who uses water that is billed to single and multi-family residences, which applies to indoor and outdoor uses.

Reclaimed water: Domestic or municipal wastewater which has been treated to a quality suitable for a beneficial use.

Residential use: The use of water that is billed to single and multi-family residences, which applies to indoor and outdoor uses.

Retail public water supplier: An individual or entity that for compensation supplies water to the public for human consumption. The term does not include an individual or entity that supplies water to itself or its employees or tenants when that water is not resold to or used by others.

Total gallons per capita per day (GPCD): The total amount of water diverted and/or pumped for potable use divided by the total permanent population divided by the days of the year. Diversion volumes of reuse as defined in this

chapter shall be credited against total diversion volumes for the purposes of calculating GPCD for targets and goals.
Water conservation coordinator: The person designated by a retail public water supplier that is responsible for implementing a water conservation plan.

Xeriscape: A style of landscape design requiring little or no irrigation or other maintenance, used in arid regions.

6.0 Texas Commission on Environmental Quality Rules

Under Title 30 Texas Administrative Code, Part 1, Chapter 288, Subchapter A, Rule 288.2, surface water rights holder with 1,000 acre-feet or more for municipal, industrial, and other non-irrigation uses, such as the City of Laredo, are required to develop, implement, and submit updated Water Conservation Plans and Water Conservation Implementation Reports to the TCEQ every five years.

Under Title 30 Texas Administrative Code, Part 1, Chapter 288, Subchapter B, Rule 288.20, retail public water suppliers with 3,300 or more connections, such as the City of Laredo, are required to develop, implement, and submit updated Drought Contingency Plans to the TCEQ every five years.

7.0 Water Conservation Coordinator

The designation of a conservation coordinator is required by House Bill 1648, effective September 1, 2017, for all retail public water utilities with 3,300 service connections or more. As of February 2024, Mrs. Sheila Serna serves as the conservation coordinator and manages water conservation staff, data from various departments, and other resources as necessary for the purpose of developing, implementing, and evaluating the effectiveness of the utility's water conservation plan.

8.0 Coordination with Regional Water Planning Groups

The service area of the City of Laredo is located within the Rio Grande planning area. The Water Conservation Planner will provide a copy of the updated Water Conservation and Drought Contingency Plan as required by the Texas Water Development Board and the Texas Commission on Environmental Quality.

9.0 Public Involvement

A public hearing to receive comments on the Water Conservation and Drought Contingency was held on April 2, 2024, and May 6, 2024 during city council meetings. A public survey was also distributed via social media in order to collect public feedback (See Attachment 1 for results).

All citizens are required to participate in water conservation and encouraged to report any violation of this division to the City of Laredo Utilities Department—Water Conservation Program at (956) 721-2020, or the 311 Call Center at 3-1-1.

10.0 Public Education

Public education is a key component of the Water Conservation Program which allows our community to understand the value of water and become aware of our water conservation needs.

The Water Conservation Program will continue to provide the public with information in English and Spanish about the Water Conservation and Drought Contingency, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. Information promoting water conservation and the drought contingency plan will be provided by means of social media campaigns, public events, press release, and utility bill inserts.

The Water Conservation Program currently disseminates information such as:

- Presentations at schools, events and workshops
- Publications of flyers, door hangers and other promotional materials
- Promotion and tours of the Laredo Water Museum
- Reminders of day/time irrigation schedule
- Promotion of the city's conservation measures
- Promotion of the city's rain barrel program
- HET rebate program
- World Water Day
- Fix a leak week

Additionally, a copy of the official Plan will be continuously provided on the City of Laredo Utilities website, https://laredoutilities.com/.

11.0 Water Conservation Plan

On April 15, 2024, the Texas Commission on Environmental Quality Rio Grande Watermaster Program sent out a letter to inform surface water right holders that the Amistad/Falcon reservoir system is at historically low levels. The TCEQ advised that without significant reductions in demand through water conservation, critical water shortages could further develop. As a result, an aggressive water conservation program is needed in Laredo to substantially reduce the average per capita day consumption and prolong the life of the Rio Grande River.

The City of Laredo Utilities Department did not meet the goals outlined in the 2019 Water Conservation Plan which included maintaining the per capita water consumption at 130 GPCD in 2024. In order to meet our 5-year (2029) and 10-year (2039) goals, more stringent restrictions have been put in place as outlined Section 12.0.

The City of Laredo's water conservation goals include the following:

- Reduce seasonal peak demands;
- Reduce water loss, unmetered water, and water waste;
- Decrease outdoor use by implementing a landscape irrigation schedule;
- Reach 5-year and 10-year goals for water loss in the system;
- Increase the use of effluent from wastewater treatment facilities;
- Educate and raise public awareness of water conservation and encourage all citizens to participate in responsible public behavior; and
- Establish a meter replacement program within the next 5 years.

These goals are consistent with commonly accepted water industry standards as required by the 30 Texas Administrative Code §288.2, entitled "Water Conservation Plans for Municipal Uses by Public Water Suppliers" and the Texas Water Development Board.

11.1 Water Utility Profile Summary

Below is a summary of the City of Laredo's water utility system:

Water Service Area	95.74 square miles
Utility's length of main lines	1,108 miles
Water Supply Source	Rio Grande River
Population	2023- 255,205 2030- 267,373 (estimated) 2040- 277,989 (estimated)
Connections	90,633 in 2023 (Single Family, Multi-family, Commercial, Industrial)

<u>Water Treatment and Distribution System</u>

Design daily capacity of system (MGD): **93 MGD**

Storage Capacity:

a. Elevated: **13 MGD**
b. Ground: **27.2 MGD**

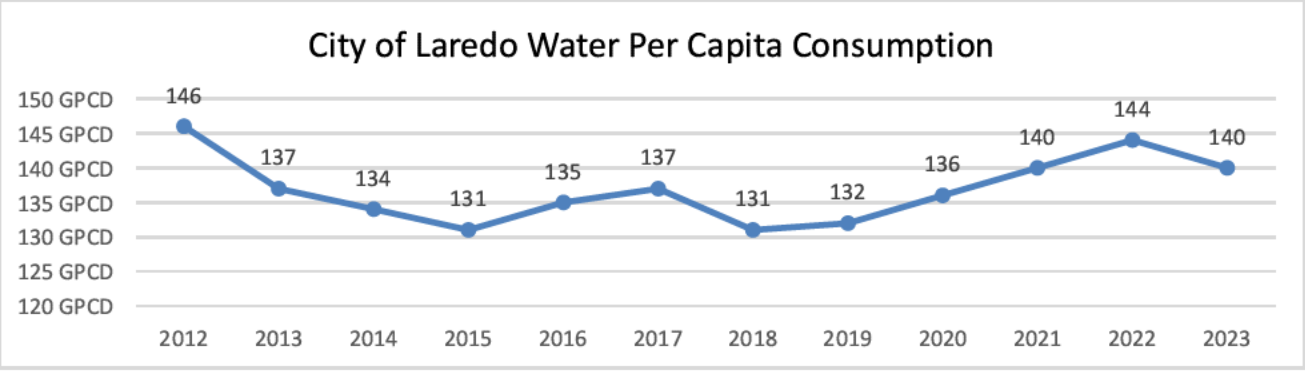
Water Use Data

Year	Water use (gallons)	Estimated Population	Water Loss Percentage	Peak Day in MGD
2023	1,633,461,517	255,153	12.54%	44.99
2022	1,252,012,147	256,153	9.28%	44.11
2021	1,447,724,867	255,205	11.08%	38.63
2020	1,588,262,276	262,491	12.23%	40.42
2019	990,484,586	261,639	7.89%	42.58

Historical Total and Residential Per Capita Use

Year	Total Per Capita Use	Residential Per Capita Use
2023	140	79
2022	144	78
2021	140	77
2020	136	74
2019	132	73

The following graph depicts the City of Laredo's water per capita consumption through the years.



11.2 Quantified 5-year and 10-year Water Conservation Goals

5-year target and goals:

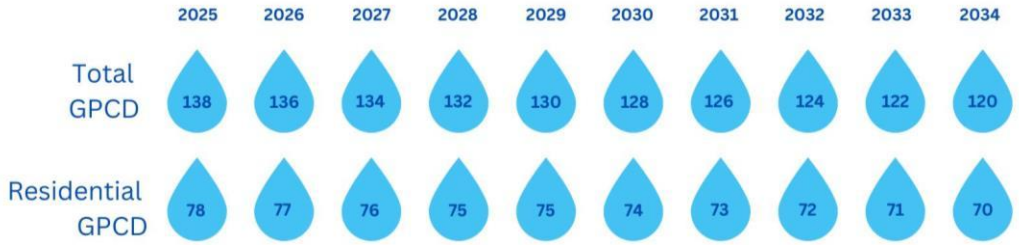
- Per capita reduction goal- The City of Laredo's goal is to reduce per capita water consumption from 140 GPCD (2023) to 130 GPCD by 2029.
- Residential per capita reduction goal- The City of Laredo's goal is to reduce residential per capita water consumption from 79 GPCD (2023) to 75 GPCD by 2029.
- Water loss goal- The water loss goal for 2029 is to operate at a system water loss of 13 GPCD, which is equal to 10% of GPCD.

10-year target and goals:

- Per capita reduction goal- The City of Laredo's goal is to reduce per capita water consumption from 140 GPCD (2023) to 120 GPCD by 2034.
- Residential per capita reduction goal- The City of Laredo's goal is to reduce residential per capita water consumption from 79 GPCD (2023) to 70 GPCD by 2034.
- Water loss goal- The water loss goal for 2034 is to operate at a system water loss of 10 GPCD, which is equal to 8% of GPCD.

Description	Historic 5-year Average	Baseline (2023)	5-year goal (2029)	10-year goal (2034)
Total GPCD	138	140	130	120
Residential GPCD	76	79	75	70
Water Loss GPCD	23	18	13	10
Water Loss Percentage	11%	12.54%	10%	8%

GPCD Targets by year:



11.3 Measuring and Accounting for Diversions

- Diversion and Production Meters
  Raw water diverted from the Rio Grande is metered, as well as the treated water that is sent to the booster pumping stations for distribution throughout the city. Each meter has an accuracy within the range of plus or minus 5.0 percent. The meters must be calibrated at least annually by qualified personnel in order to maintain the required meter accuracy. Meters must be replaced or repaired, as deemed necessary.

- Delivery Meters
  Metering all water services is an effective way of improving and maintaining control of the water system operations and for providing the basis of an efficient and equitable cost recovery. Metering provides a database for system performance monitoring, for planning future facilities, and for assessing the effects of water conservation measures. Metering also improves accountability for both water deliveries and unaccounted-for water losses.

  A standard universal metering system is used to monitor the quantity of water that is delivered to each residential and commercial customers as well as public facilities. Water that is used for public services such as street cleaning/sweeping, graffiti removal, or firefighting training will need to use a temporary fire hydrant meter when using water from a fire hydrant to account for the total amount of water that is utilized. The water meters are read by the utility's meter readers and recorded on the city's system once per month, with billings made monthly to residential and commercial customers.

  Effective August 2013, the City of Laredo Utilities Department began replacing or retrofitting current water meters with automated meters in addition to installing advanced metering infrastructure (AMI) in an effort to create efficiency, reliability, and use the latest technology. The meter replacement project was completed in 2016.

11.4 Record management system

The utility owns and operates two (2) water treatment plants. Staff maintain daily reports which document the total plant flows and daily average water demands measured in million gallons of water per day.

Water sales are reported by the utility's customer service division on a daily basis as new water customers pay for the connection of a new regular or irrigation meter. A customer information system is used to control the water delivered to each customer on a monthly basis according to the meter reading dates. The customer service division is responsible for maintaining the

customer billing accounts current. In addition, the customer service division processes applications for temporary fire hydrant meters and installs temporary meters for contractors who need to use water from a fire hydrant for construction purposes. The temporary meter registers the amount of water released through the fire hydrant, and the water used is then paid for by the contractor.

Water sales are also reported by the utility's engineering division as it bills contractors or developers for the total amount of water used to flush the water lines, conduct pressure tests, and conduct bacteriological tests for their development.

This record management system used by the utility records the water diverted from the Rio Grande, water distributed, water sales, estimated water losses and the tracking of water usage by census tract or zip code for all water customers at all times.

11.5 Measures to Determine and Control Water Loss

Unaccounted for water is the difference between treated water delivered to the City of Laredo from the water treatments facilities and metered water sales to customer in addition to authorized but unmetered uses. Unaccounted water can include several categories which include but are not limited to:

(a) Inaccuracies in customer meters;
(b) Losses due to water main breaks in the distribution system;
(c) Losses due to the waterline leaks in the distribution system;
(d) Losses due to illegal connections and theft of water;
(e) Losses due to firefighting.

The City of Laredo Utilities Department has implemented various measures to improve the accounting for unmetered water losses resulting from the flushing of water mains, firefighting, and main waterline breaks. Utilities Department staff has received and will continue to receive training in how to properly open and close valves and fire hydrants, which is essential in the repairing or replacement of waterlines. In addition, the utility will continue to use its sonic water leak detection equipment, as often as possible, when conducting periodic visual inspections along the distribution lines to detect water leaks.

Fire hydrant meters can only be installed, repaired, replaced, or removed by Utilities Department staff. No person shall be allowed to open or close a fire hydrant or fire hydrant meter without having a training and certificate from the Utilities Department. The fire hydrant meter and associated water sales are only intended for use by the person and/or business who signed the Service

Agreement. Failure to abide by said requirements will lead to an automatic citation and removal of the fire hydrant meter.

Water from a fire hydrant shall not be used by any city department without a fire hydrant meter to maintain the streets of Laredo, such as: sweeping, removal of vectors, removal of graffiti, and other. Utilities staff are also prohibited from using water from a fire hydrant for any water-related operation without a fire hydrant meter installed.

When an illegal connection is identified, Water Conservation Inspectors take pictures, remove the illegal connection and confiscate the illegal device used as a connection, send correspondence to the property owner, document the file, and impose an illegal connection fee. Water conservation inspectors will then issue a citation for theft of water services and/or having an illegal connection. The water conservation inspectors notify the Police Department and are assigned a case number for each event. This case number is accompanied by the citation and taken to the municipal court for processing.

In order to determine the amount and source(s) of water loss, the City of Laredo Utilities Department will continue conducting water loss audits every year as required by the Texas Water Development Board.

11.6 Leak Detection and Repair Program

Meter readers, water conservation inspectors, distribution crews, and other utility staff assist with detecting leaks caused by irrigation systems, meters, backflow devices, fire hydrants, waterlines, fire protection lines, and wastewater lines. When leaks or breaks are identified, the utility dispatches servicemen from the responsible division to the location of the leak. The responsible division will do the necessary repairs to eliminate the leak or replace the faulty meter, fire hydrant, water line, or wastewater line, if necessary.

If a meter, an irrigation system, or backflow device is found to be leaking on the private side, the property owner will be notified and issued a written warning for failure to repair a controllable leak within 5 days of notice. Failure to repair the private leak, after the second warning, will constitute a citation and incur the penalties established in this ordinance plan.

The Utilities Department uses a sonic water leak detection device to locate water leaks. The Utilities Department plans to implement a long-term water main replacement and upgrade program in an effort to reduce the number of waterline leaks and breaks.

Water loss accounting to control water loss from water waste and unaccounted-for water are part of the Utilities Department's routine operations. The standard universal metering system, used by the Utilities Department, helps reduce the amount of unaccounted for water. Meter readers, water conservation inspectors, and other utility Utilities Department staff assist by identifying and reporting any signs of illegal connections so that they are addressed as promptly as possible by the responsible division.

12.0 Drought Contingency Plan

The Drought Contingency Plan is meant to set regulations and restrictions on the delivery and consumption of water under drought or emergency conditions. It outlines measures to ensure the sustainable use of water resources, preventing depletion and ensuring sufficient supply for essential needs.

Water uses regulated or prohibited under this Drought Contingency Plan are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section 13 of this Plan.

Utilization of alternative water sources and/or alternative delivery mechanisms:

The City of Laredo has no alternative water source.

12.1 Criteria for Initiation and Termination of Drought Response Stages

The City Manager or designee shall monitor water supply and/or demand conditions on a weekly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specific "triggers" are reached. Public notification of the initiation or termination of drought response stages shall be by means of publication in a newspaper, public service announcement, and social media.

The triggering criteria described below are based on the average Amistad Reservoir capacity, Amistad/Falcon combined Reservoir capacity, and/or water treatment plant capacity.

Stage 1 Triggers -- MILD Water Shortage Conditions

Criteria for initiation	1. Water treatment plant capacity has reached or exceeded 85% of delivery capacity for 4 consecutive days;

	2. The Amistad Reservoir is at 51% storage capacity or higher; or 3. The combined capacity of the Amistad/Falcon reservoirs is 70% or higher capacity.
Management measures	Customers shall adhere to mandatory conservation measure and adhere to the prescribed restrictions on certain water uses as provided in Section 11.2 of this Plan.
Criteria for termination	Stage 1 of the DCP may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days.

Stage 2 Triggers – MODERATE Water Shortage Conditions

Criteria for initiation	1. Water treatment plant capacity has reached or exceeded 90% of delivery capacity for 3 consecutive days; 2. The Amistad Reservoir between 25% and 50% storage capacity; or 3. The combined capacity of the Amistad/Falcon reservoirs is between 21% and 69% capacity.
Management measures	Customers shall adhere to mandatory conservation measure and adhere to the prescribed restrictions on certain water uses as provided in Section 11.2 of this Plan.
Criteria for termination	Stage 2 of the DCP may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 2, Stage 1, or the applicable drought response stage based on the triggering criteria, becomes operative.

Stage 3 Triggers – CRITICAL Water Shortage Conditions

Criteria for initiation	1. Water treatment plant capacity has reached or exceeded 95% of delivery capacity for 2 consecutive days;

	2. The Amistad Reservoir is lower than 25% storage capacity; 3. The combined capacity of the Amistad/Falcon reservoirs is lower than 20% capacity; or 4. The Rio Grande's water levels are not high enough for collection through the intake.
Management measures	Customers shall adhere to mandatory conservation measure and adhere to the prescribed restrictions on certain water uses as provided in Section 11.2 of this Plan.
Criteria for termination	Stage 2 of the DCP may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 3 consecutive days. Upon termination of Stage 2, Stage 1, or the applicable drought response stage based on the triggering criteria, becomes operative.

Stage 4 Triggers –EXTREME DROUGHT OR EMERGENCY Water Shortage Conditions

Criteria for initiation **(EXTREME DROUGHT)**	1. Water treatment plant capacity has reached or exceeded 95% of delivery capacity for 5 consecutive days; 2. The Amistad Reservoir is lower than 20% storage capacity; 3. The combined capacity of the Amistad/Falcon reservoirs is lower than 15% capacity; or 4. The Rio Grande's water levels are not high enough for collection through the intake.
Criteria for initiation (EMERGENCY WATER SHORTAGE)	1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; 2. Natural or man-made contamination of the water supply source(s); or

	3. Water from the Rio Grande is unable to be pumped into water treatment plant system due to extreme drought conditions and depletion of the Rio Grande.
Management measures	Customers shall adhere to mandatory conservation measure and adhere to the prescribed restrictions on certain water uses as provided in Section 11.2 of this Plan.
Criteria for termination	The emergency water shortage condition may be rescinded when the City Manager, or designee, deems appropriate.

12.2 Drought Response Stages

A summary of the water use reduction targets for each stage is presented in the following table. During stages 2, 3, and 4, requests for exceptions may be presented to the City Manager or designee.

Stage Response	**Amistad Reservoir Level Trigger**	**Amistad/Falcon Combined Reservoir Level Trigger**	**Plant Capacity Trigger**	**Target Demand Reduction Levels**
Stage 1-Mild	51% or higher	70% or higher	Reached or exceeded 85% for 4 consecutive days	15%
Stage 2-Moderate	Between 25% and 50%	Between 21% and 69%	Reached or exceeded 90% for 3 consecutive days	20%
Stage 3-Critical	Lower than 25%	Lower than 20%	Reached or exceeded 95% for 2 consecutive days	25%
Stage 4-Extreme Drought or Emergency	Lower than 20%	Lower than 15%	Reached or exceeded 95% for 1 consecutive days	To be determined by the City of Laredo to protect human health, safety.

12.3 Drought Mitigation Strategies

The following strategies are put into place to ensure the success of the water conservation and drought contingency plans.

Landscape regulations applicable on and after January 1, 2025

Except as specifically provided with alternative effective dates, persons affected by the regulations set out herein below shall comply on or after January 1, 2025. A violation of this section and subsections shall be subject to the enforcement provisions set out in section 31-208. It shall be and is hereby declared unlawful for any person to violate, refuse, prohibit or fail to implement the requirements of this division, including but not limited to homeowners' associations (HOAs), renters, and property owners.

(a) *Xeriscaping option.*

1. Effective January 1, 2025, homebuilders and/or developers subdividing lots and/or constructing new single-family homes will be required to offer a xeriscape option. An approved low water plant list for Laredo which lists all plants, shrubs, vines, groundcovers, perennials, ornamental grasses, trees, and turf grasses suitable for Laredo is available through the water conservation program on the City of Laredo Utilities Department website.

2. Xeriscaping for existing public facilities. It will be required that landscaping on existing municipal, county, state, and federal buildings, including public libraries, industrial parks, and commercial developments be converted to Xeriscape within ten (10) years from the effective date of this division.

(b) *Model homes.* Effective January 1, 2025, homebuilders and/or developers who construct model homes for a designated subdivision shall have at least on model home per subdivision landscaped according to xeriscape design.

(c) *Zonal system.* In-ground irrigation systems installed on and after January 1, 2006, shall be zonal irrigation system.

(d) *Pop-up sprays.* Pop-up sprays and irrigation rotor heads must be directed away from any impervious surfaces and shall not be placed less than 4 inches from an impervious surface.

Outdoor Water Management

The following are outdoor water management requirements under all stages:

(a) *Hose bibb.* Every outdoor faucet in residential, commercial, or public facility shall have a hose bibb vacuum breaker installed in order to prevent water contamination to the facility and the city's water system. Effective January 2014, all hose bibb vacuum breakers shall be lead free.

(b) *Fountains.*

(1) All residential fountains and indoor commercial fountains can operate at any stage of drought if they have a water recycling system installed.

(2) Outdoor commercial fountains must have a City of Laredo variance in order to operate during drought stages 3 through 4.

(c) *Swimming pools.*

(1) All non-public swimming pools must have a minimum of 25 percent of the surface area covered with evaporation screens when not in use.

(2) Splash parks and all other water parks shall be equipped with filtration and recirculation system and must be maintained in good working conditions.

(3) Pool companies offering installation and/or maintenance services under this code must give each customer written information on maintenance requirements, emphasizing preventive measures to maintain high water quality and alternatives to draining pools for water quality issues, unless draining is necessary for physical repairs.

(4) Draining a swimming pool into an alley, street, storm drain, or drainage ditch is prohibited.

(5) Draining of pools must not create a hazard, nuisance, unsanitary condition, or cause infrastructure issues such as street potholes.

(6) Every attempt must be made by the property owner to keep the drained water on the owner’s property.

(7) Every attempt must be made by the property owner to use drained pool water to irrigate lawn or the landscaping of the property involved.

(8) In no case shall the water from the pool drain onto an adjacent property without the property owner's consent.

(d) *Irrigation for parks, golf courses, and athletic fields.* City of Laredo Parks may irrigate more than three times a week (except during Stage 4) provided, an Annual Water Conservation Plan is submitted to the Water Conservation Program. Effective January 1, 2025, operators of golf courses, athletic fields, and parks that do not use effluent water must submit an Annual Water Conservation Plan no later than August 1, 2025. The water conservation plan shall include conservation goals and targets, conservation improvements from the year prior and improvements for the year ahead, and techniques and technologies that will reduce the loss of water, or increase the recycling and reuse of water. A revised plan should be submitted every year by August 1.

(e) *Mobile Vehicle Washing*.

(1) Mobile vehicle washing businesses, which provides on-site services, will not be permitted, unless a permit is obtained from the City of Laredo. In addition, mobile vehicle washing businesses will not be permitted to operate unless all run-off water is captured and properly disposed of. Discharge of wastewater from cleaning activities to the street, gutter or storm drain is strictly prohibited. Businesses must use an eco-friendly vehicle washing system that features a super fine mist of 1.6 gallons of water per minute or less.

(2) Vehicle washing for fundraising or promotion of business will no longer be permitted unless conducted at a commercial car wash.

Stage 1 Response – MILD Water Shortage Conditions

Target: Achieve a voluntary 15% reduction in daily water demand.

Best Management Practices for Supply Management:

- A public announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water;
- Reduce landscape water consumption at all City of Laredo facilities by 10%;
- Increase targeted outreach to high consumption customers to urge water use reductions;
- Implement mandatory restrictions on certain non-essential water use (i.e. lawn irrigation, vehicle washing at home, golf courses).

Water Use Restrictions for Demand Reduction:
Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

(1) *Triggering level.* Amistad conservation level is above fifty-one (51) percent, Amistad/Falcon combined reservoir storage is seventy (70) percent or higher, or WTP capacity is less than eighty-five (85) percent for five (4) consecutive days.

(2) *Wasting water.* The following uses of water are defined as wasting water and are prohibited:

(a) Allowing water to run off into a gutter, ditch or drain including the street or adjacent property;

(b) Failure to repair a controllable leak from a faucet, hose, sprinkler, backflow preventer, or meter within 5 days;

(c) Operating an irrigation system with a broken head, head that is out of adjustment or a head that is misting due to high water pressure;

(d) Allowing overspray and runoff during irrigation that runs, flows, or streams in a way that extends into streets, driveways, or other impervious surfaces for a distance of 30 feet or greater or that causes water to pond at a depth of 0.25 inches or greater;

(e) Washing sidewalks, streets, driveways, parking area, tennis courts, buildings and structures or other paved areas, except to alleviate immediate fire hazards;

(f) Watering during precipitation.

(3) *Irrigation schedule.*

(a) Landscape watering with an irrigation system, sprinkler or soaker hose is allowed only three times a week before 8 a.m. and after 7 p.m. on your designated watering day, as determined by the last digit of your address. Customers with an address ending in an even number (0, 2, 4, 6, 8) are only allowed to water between designated hours on Mondays, Wednesdays, and Fridays. Customers with an address ending in an odd number (1, 3, 5, 7, 9) are only allowed to water between designated hours on Tuesdays, Thursdays, and Saturdays.

(b) Landscape irrigation using a handheld hose with a positive shut-off nozzle, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system shall be permitted any day at any time.

(c) Leaving a water hose unattended is strictly prohibited.

(4) *Mandatory Restrictions.* During Stage 1, the following restrictions shall apply to all persons, commercial, and industrial users. Notice of such order shall be given by the city manager and/or mayor through appropriate circular, television, radio, newspaper and social media and include the following restrictions:

(a) Washing of automobiles, trucks, trailers, boats, airplanes, and other mobile equipment with hand-held hoses that are equipped with a positive shut-off nozzle or buckets is permitted on designated days and times only. Washing may be done at any time on the immediate premises of a commercial carwash or commercial service station;

(b) Vehicle washing may be exempted from this division if the health, safety and welfare of the public are contingent upon frequent vehicle cleaning, such as garbage trucks and vehicles used to transport food and perishables;

(c) Use of commercially operated cosmetic power/pressure washing equipment is not permitted unless it is fitted with a water recycling unit and a spray nozzle using no more than 3.5 gallons of water per minute and is equipped with a positive shut-off nozzle with a protective weep mechanism;

(d) Draining of swimming pools, hot tubs, and similar facilities is prohibited, except onto pervious surfaces;

(e) Filling and makeup of existing swimming pools, hot tubs, and similar facilities is permitted on designated days and times only;

(f) The irrigation of golf course fairway is absolutely prohibited. Utilizing wastewater effluent or well water is exempted from the provisions of this division.

(5) *Essential use:*

(a) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for

construction purposes may be allowed under special permit from the City of Laredo.

(b) Medical use by health care facilities. No restrictions.

(6) *Water utility use:*

(a) Reduction of average system pressure to fifty (50) psi is recommended;

(b) Leak detection and system repairs are recommended;

(c) Stabilizing and equalizing system pressure is recommended;

(d) Sewer line flushing: reduction is recommended;

(e) Fire hydrant flushing: reduction is recommended;

(f) Power production use: reduction of water use for power production is recommended.

Stage 2 Response – MODERATE Water Shortage Conditions

Target: Achieve a 20% reduction in daily water demand.

Best Management Practices for Supply Management:

- A public announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water;
- Reduce landscape water consumption at all City of Laredo facilities by 20%;
- Increase targeted outreach to high consumption customers to urge water use reductions;
- Implement mandatory restrictions on certain non-essential water use (i.e. lawn irrigation, vehicle washing at home, golf courses);
- Reduce routine line flushing;
- Reduce routine fire hydrant flushing.

Water Use Restrictions for Demand Reduction:
Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

(1) *Triggering level.* Amistad conservation level between twenty-five (25) and fifty (50) percent, Amistad/Falcon combined reservoir capacity is between twenty-one (21) and sixty-nine (69) percent, or WTP capacity is ninety (90) percent for three (3) consecutive days.

(2) *Wasting water.* The following uses of water are defined as wasting water and are prohibited:

(a) Allowing water to run off into a gutter, ditch or drain including the street or adjacent property;

(b) Failure to repair a controllable leak from a faucet, hose, sprinkler, backflow preventer, or meter within 5 days;

(c) Operating an irrigation system with a broken head, head that if out of adjustment or a head that is misting due to high water pressure;

(d) Allowing overspray and runoff during irrigation that runs, flows, or streams in a way that extends into streets, driveways, or other impervious surfaces for a distance of 30 feet or greater or that causes water to pond at a depth of 0.25 inches or greater;

(e) Washing sidewalks, streets, driveways, parking area, tennis courts, building and structures, or other paved areas, except to alleviate immediate fire hazards; and

(f) Watering during precipitation.

(3) *Irrigation schedule.*

(a) Landscape watering with an irrigation system, sprinkler or soaker hose is allowed only twice a week before 8 a.m. and after 7 p.m. on your designated watering day, as determined by the last digit of your address. Customers with an address ending in an even number (0, 2, 4, 6, and 8) are only allowed to water between designated hours on Mondays and Wednesdays only. Customers with an address ending in an odd number (1, 3, 5, 7, and 9) are only allowed to water between designated hours on Tuesdays and Thursdays only;

(b) Landscape irrigation using a handheld hose with a positive shut-off nozzle or drip irrigation shall be permitted any day at any time; and

(c) Leaving a water hose unattended is strictly prohibited.

(4) *Mandatory restrictions.* During Stage 2, the following restrictions shall apply to all persons, commercial, and industrial users. Notice of such

order shall be given by the city manager and/or mayor through appropriate circular, television, radio, newspaper and social media and include the following restrictions:

(a) Commercial nurseries, commercial sod farms, and other similar establishments are prohibited from watering between the hours of 11:00 a.m. and 6:00 a.m.;

(b) Washing of automobiles, trucks, trailers, boats, airplanes, and other mobile equipment with hand-held hoses that are equipped with a positive shut-off nozzle or buckets is permitted on designated days and times only. Washing may be done at any time on the immediate premises of a commercial carwash or commercial service station;

(c) Vehicle washing may be exempted from this division if the health, safety and welfare of the public are contingent upon frequent vehicle cleaning, such as garbage trucks and vehicles used to transport food and perishables;

(d) Use of commercially operated cosmetic power/pressure washing equipment is not permitted unless it is fitted with a water recycling unit and a spray nozzle using no more than 3.5 gallons of water per minute and is equipped with a positive shut-off nozzle with a protective weep mechanism;

(e) Draining of swimming pools, hot tubs, and similar facilities is prohibited, except onto pervious surfaces;

(f) Filling and makeup of existing swimming pools, hot tubs, and similar facilities is permitted on designated days and times only;

(g) The irrigation of golf course fairway is absolutely prohibited. Utilizing wastewater effluent or well water is exempted from the provisions of this division.

(5) *Essential use:*

(a) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City of Laredo;

(b) Medical use by health care facilities. No restrictions.

(6) *Water utility use:*

(a) Reduction of average system pressure to fifty (50) psi is recommended;

(b) Leak detection and system repairs are recommended;

(c) Stabilizing and equalizing system pressure is recommended;

(d) Sewer line flushing reduction is recommended;

(e) Fire hydrant flushing reduction is recommended; and

(f) Power production use: reduction of water use for power production is recommended.

Stage 3 Response – SEVERE Water Shortage Conditions

Target: Achieve a 25% reduction in daily water demand.

Best Management Practices for Supply Management:

- A public announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water;
- Landscape irrigation shall be limited to once every other week;
- Increase targeted outreach to high consumption customers to urge water use reductions;
- Implement mandatory restrictions on certain non-essential water use (i.e. lawn irrigation, vehicle washing at home, golf courses);
- Reduce routine line flushing;
- Reduce routine fire hydrant flushing.

Water Use Restrictions for Demand Reduction:
Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

(1) *Triggering level.* Amistad conservation level lower than twenty-five (25) percent, Amistad/Falcon combined reservoir capacity is below twenty (20), or WTP capacity is ninety-five (95) percent for two (2) consecutive days.

(2) *Wasting water.* The following uses of water are defined as wasting water and are prohibited:

(a) Allowing water to run off into a gutter, ditch or drain including the street or adjacent property;

(b) Failure to repair a controllable leak from a faucet, hose, sprinkler, backflow preventer, or meter within 5 days;

(c) Operating an irrigation system with a broken head, head that if out of adjustment or a head that is misting due to high water pressure;

(d) Allowing overspray and runoff during irrigation that runs, flows, or streams in a way that extends into streets, driveways, or other impervious surfaces for a distance of 30 feet or greater or that causes water to pond at a depth of 0.25 inches or greater;

(e) Washing sidewalks, streets, driveways, parking area, tennis courts, building and structures, or other paved areas, except to alleviate immediate fire hazards; and

(f) Watering during precipitation.

(3) *Irrigation schedule.*

(a) Landscape watering with an irrigation system, sprinkler or soaker hose is allowed only twice a week before 8 a.m. and after 7 p.m. on your designated watering day, as determined by the last digit of your address. Customers with an address ending in an even number (0, 2, 4, 6, and 8) are only allowed to water between designated hours on Mondays only. Customers with an address ending in an odd number (1, 3, 5, 7, and 9) are only allowed to water between designated hours on Thursdays only.

(b) Landscape irrigation using a handheld hose with a positive shut-off nozzle or drip irrigation shall be permitted any day at any time.

(c) Leaving a water hose unattended is strictly prohibited.

(4) *Mandatory restrictions.* During Stage 2, the following restrictions shall apply to all persons, commercial, and industrial users. Notice of such order shall be given by the city manager and/or mayor through appropriate circular, television, radio, newspaper and social media and include the following restrictions:

(a) Washing of automobiles, trucks, trailers, boats, airplanes, and other mobile equipment with hand-held hoses that are equipped with a positive shut-off nozzle or buckets is permitted on designated days and

times only. Washing may be done at any time on the immediate premises of a commercial carwash or commercial service station;

(b) The maximum monthly water use allocation for residential customers will be set to 20,000 gallons and 15,000 gallons for commercial irrigation. Multifamily thresholds will be determined by multiplying the number of units by 20,000 gallons;

(c) Vehicle washing may be exempted from this division if the health, safety and welfare of the public are contingent upon frequent vehicle cleaning, such as garbage trucks and vehicles used to transport food and perishables;

(d) Use of commercially operated cosmetic power/pressure washing equipment is not permitted unless it is fitted with a water recycling unit and a spray nozzle using no more than 3.5 gallons of water per minute and is equipped with a positive shut-off nozzle with a protective weep mechanism;

(e) Draining of swimming pools, hot tubs, and similar facilities is prohibited, except onto pervious surfaces;

(f) The makeup of new swimming pools, hot tubs are prohibited. The filling or refilling of residential swimming and/or wading pools is prohibited;

(g) The irrigation of golf course fairway is absolutely prohibited. Utilizing wastewater effluent or well water is exempted from the provisions of this division;

(h) No bulk water sales shall be made from the city or water points for any purpose when such water will be transported by any tanker truck or similar type vehicle outside the City of Laredo except for domestic or residential use or for livestock as approved by the utilities director;

(i) Fire hydrant water sales shall cease. Users shall be directed to obtain effluent from the wastewater treatment plants as available. Potable water shall only be made available for direct human consumption, to maintain sanitary conditions and for livestock only with written approval from the utilities director;

(j) A water use surcharge of ten dollars ($10.00) per thousand gallons shall be levied against residential single family and multi-family customers that use over twenty thousand (20,000) gallons per month and

commercial irrigators that use over fifteen thousand (15,000) gallons per month.

(5) *Essential use:*

(a) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City of Laredo;

(b) Medical use by health care facilities. No restrictions.

(6) *Water utility use:*

(a) Reduction of average system pressure to fifty (50) psi is recommended;

(b) Leak detection and system repairs are recommended;

(c) Stabilizing and equalizing system pressure is recommended;

(d) Sewer line flushing: reduction is recommended;

(e) Fire hydrant flushing: reduction is recommended;

(f) Power production use: reduction of water use for power production is recommended.

Stage 4 Response – EXTREME DROUGHT OR EMERGENCY Water Shortage Conditions

Target: Achieve a reduction goal to be determined by City of Laredo based on the nature of the emergency.

Best Management Practices for Supply Management:

- A public announcement will be designed to increase customer awareness of water conservation and encourage the most efficient use of water;
- Increase targeted outreach to high consumption customers to urge water use reductions;
- Implement mandatory restrictions on certain non-essential water use (i.e. lawn irrigation, vehicle washing at home, golf courses);

- Flushing is prohibited except for dead end mains and only between the hours of 9 p.m. and 3 p.m. Emergency interconnects or alternative supply arrangements shall be initiated. All meter shall be read as often as necessary to insure compliance with this program for the benefit of all customers.

Water Use Restrictions for Reducing Demand:
Under threat of penalty for violation, the following water use restrictions shall apply to all persons:

(1) *Triggering level,* Amistad conservation level is less than twenty (20) percent, Amistad/Falcon combined reservoir storage is lower than fifteen (15) percent, or WTP capacity is ninety-five (95) percent for one (1) day.

(2) *Cumulative reduction goal.* To be determined by the Water Conservation Program to protect human health, safety.

(3) *Mandatory restrictions—Water shortage emergency.* During Stage 4, the following restrictions shall apply to all persons, commercial, and industrial users. Notice of such order shall be given by the city manager and/or mayor through appropriate circular, television, radio, newspaper and social media and include the following restrictions:

(a) No applications for new, additional, either expanded or increased in-size water service connections, meters, service lines, pipeline extensions, mains, or other water service facilities of any kind shall be allowed, approved or installed except as approved by the city utilities director;

(b) All locations of water use to nonessential industrial and commercial customers shall be reduced to amounts as established by the city utilities director;

(c) The maximum monthly water use allocation for residential customers will be set to 15,000 gallons and 10,000 gallons for commercial irrigation. Multifamily thresholds will be determined by multiplying the number of units by 15,000 gallons. Other thresholds may be established by the city council upon recommendation by the city utilities director;

(d) Irrigation utilizing hose-end sprinklers or automatic sprinkler systems for lawns, gardens, landscaped areas, trees, shrubs and

other plants is prohibited. Irrigation of lawns, gardens, landscaped areas, trees, shrubs or other plants is not permitted at any time. Commercial nurseries, commercial sod farmers, and similarly situated establishments are not exempt from Stage 4 irrigation restrictions. During Stage 4, the use of hand-held hoses or drip irrigation systems is not allowed. Zero tolerance in outdoor water usage;

(e) The washing of automobiles, trucks, trailers, boats, airplanes and other types of mobile equipment is prohibited;

Exception: Washing may be exempted from this division if the health, safety and welfare of the public are contingent upon frequent vehicle cleaning, such as garbage trucks and vehicles used to transport food and perishables;

(f) No bulk water sales shall be made from the city or water points for any purpose when such water will be transported by any tanker truck or similar type vehicle outside the City of Laredo except for domestic or residential use or for livestock as approved by the utilities director;

(g) Fire hydrant water sales shall cease. Users shall be directed to obtain effluent from the wastewater treatment plants as available. Potable water shall only be made available for direct human consumption, to maintain sanitary conditions and for livestock only with written approval from the utilities director;

(h) The makeup of new swimming pools and hot tubs is prohibited. The filling of water to residential swimming and/or wading pools is prohibited;

(i) The operation of any ornamental fountain or other structure making similar use of water is prohibited;

(j) The use of water for irrigation for parks, plazas, and squares is prohibited. The irrigation of golf course fairway is absolutely prohibited;

(k) Irrigation for athletic fields is prohibited;

(l) A water use surcharge of ten dollars ($10.00) per thousand gallons shall be levied against residential single family and multi-family

customers that use over fifteen thousand (15,000) gallons per month and commercial irrigators that use over ten thousand (10,000) gallons per month;

(m) Any irrigation system found irrigating at any time during a Stage 4 will result in the irrigation meter to be cut off temporarily until Stage 4 is lifted or reversed to a Stage 3, Stage 2, or a Stage 1.

(4) *Wasting water.* The following uses of water are defined as wasting water and are prohibited:

(a) Allowing water to run off into a gutter, ditch or drain including the street or adjacent property;

(b) Failure to repair a controllable leak from a faucet, hose, sprinkler, backflow preventer, or meter within 5 days.

(c) Operating an irrigation system with a broken head, head that if out of adjustment or a head that is misting due to high water pressure;

(d) Allowing overspray and runoff during irrigation that runs, flows, or streams in a way that extends into streets, driveways, or other impervious surfaces for a distance of 30 feet or greater or that causes water to pond at a depth of 0.25 inches or greater;

(e) Washing sidewalks, streets, driveways, parking area, tennis courts, buildings and structures or other paved areas, except to alleviate immediate fire hazards.

(f) Watering during precipitation.

(5) *Essential use:*

(a) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the City of Laredo;

(b) Medical use by health care facilities. No restrictions.

(6) *Water utility use:*

(a) Reduction of average system pressure to fifty (50) psi is recommended;

(b) Leak detection and system repairs are recommended;

(c) Stabilizing and equalizing system pressure is recommended;

(d) Sewer line flushing: prohibited unless required for decontamination and/or public safety;

(e) Fire hydrant flushing: prohibited unless required for decontamination and/or public safety;

(f) Power production use: reduction of water use for power production is recommended.

12.3 Notification

The City Manager or designee, shall monitor water supply and/or demand conditions on a daily basis and, in accordance with the triggering criteria set forth in Section 11.1 of this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall implement the following notification procedures:

Notification of the Public:

The City Manager, or designee shall notify the public by means of:

- City of Laredo website,
- City of Laredo Utilities website (https://laredoutilities.com/),
- Public service announcements,
- Social media announcements, and
- Notice on monthly billing.

Additional Notification:

The City Manager or designee shall notify directly, or cause to be notified directly, the following individuals and entities:

- Mayor and members of the City Council
- Fire Chief
- City and/or County Emergency Management Coordinator

- County Judge and Commissioner(s)
- Major water users (such as industries)
- Critical water users (such as hospitals)
- Parks/street superintendents and public facilities managers
- Texas Commission on Environmental Quality (TCEQ) – note TCEQ executive director MUST be informed within five (5) business days of mandatory water use restrictions being imposed.

13.0 Non-Proportional Water Rate Structure

With the intent of encouraging water conservation and discouraging waste and excessive use of water, the City of Laredo has adopted a water usage rate structure where the unit price of water increases with increasing water use.

The utilities department instituted an increasing water block rate schedule in April 2006, for a period of thirty-one (31) years, as approved by city council, categorizing a water rate structure for each of the following block tiers: residential, multi-family, residential irrigation, commercial, commercial irrigation, and commercial hydrant. As the water consumption increases, the water rate also increases, thereby, discouraging the use of excessive water use serving as an indirect conservation-oriented water rate structure. The water rate increase plan is as specified in the Laredo Code of Ordinances, Chapter 31-Utilities, Article III.-Water, Division 3.- Rates and Charges, Section 31-138-Water Rates. The sewer rate increase plan is as specified in section 31-92, Rates and Charges.

14.0 Enforcement Procedure and Plan Adoption

(a) No person shall knowingly or intentionally allow the use of water from the City of Laredo for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by City Manager or designee, in accordance with provisions of this Plan.

(b) Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than fifty dollars ($50) and not more than five hundred dollars ($500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Utilities Director shall, upon due notice to the customer, be authorized to discontinue water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, hereby established at $500, and

any other costs incurred by the City of Laredo in discontinuing service. In addition, suitable assurance must be given to the Utilities Director that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

(c) Any person, including a person classified as a water customer of the City of Laredo, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.

(d) Any employee of the City of Laredo Utilities Department designated by the utilities director, police officer, or code-certified employees from another city department may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear at the City of Laredo Municipal Court on the date shown on the citation for which the date shall not be less than 3 days nor more than 5 days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear at the City of Laredo Municipal Court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear at the City of Laredo Municipal Court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. Cases involving a violation of the water conservation plan shall be expedited and given preferential setting at the City of Laredo Municipal Court before all other cases.

(e) During Stage 3, a water use surcharge of ten dollars ($10.00) per thousand gallons shall be levied against residential single family and multi-family customers that use over twenty thousand (20,000) gallons per month and

commercial irrigators that use over fifteen thousand (15,000) gallons per month. The fee will be added to the regular monthly payment of the account responsible for paying the water services delivered to the meter at the property in violation.

(f) During Stage 4, a water use surcharge of ten dollars ($10.00) per thousand gallons shall be levied against residential single family and multi-family customers that use over fifteen thousand (15,000) gallons per month and commercial irrigators that use over ten thousand (10,000) gallons per month; In addition, any irrigation system found irrigating at any time during a Stage 4 will result in the irrigation meter to be shut off temporarily until Stage 4 is lifted or reversed to a Stage 3, Stage 2, or a Stage 1.

14.1 Penalties

After receiving one (1) written warning for any section or combination of sections, a person who violates this Water Conservation Ordinance Plan shall be issued a citation and may be guilty of a Class C misdemeanor.

Each violation of a particular section of this ordinance shall constitute a separate offense. Customers have 3 calendar days to adjust automatic irrigation systems and irrigation schedules and 5 calendar days to repair leaks or conduct maintenance. A previous violation shall not be considered if a period of one (1) year has elapsed since the violation was first incurred or the property is acquired by a new owner or tenant.

All payments shall be made payable to the City of Laredo Municipal Court, as set forth in the City Code of Ordinances. The Municipal Court shall transfer a total of 50% of each fine to a “water conservation fund” in the Utility Departments annual budget. Funds from the “water conservation fund” shall be used by Water Conservation Program in ways that related to water conservation, which include, but are not limited to, rebates, education, water conservation programs and outreach materials.

15.0 Reservoir System Operations Plan

The City of Laredo does not own a reservoir; therefore, a reservoir systems operation plan is not applicable to the City.

16.0 Variances

The City Manager or designee, may, in writing, grant temporary variance for existing water uses otherwise prohibited under this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the health, sanitation, or fire protection for the public or the person requesting such variance and if one or more of the following conditions are met:

(a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.

(b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for variance with the City of Laredo Utilities Department within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the City Manager, or designee, and shall include the following:

(a) Name and address of the petitioner(s).

(b) Purpose of water use.

(c) Specific provision(s) of the Plan from which the petitioner is requesting relief.

(d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.

(e) Description of the relief requested

(f) Period of time for which the variance is sought.

(g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.

(h) Other pertinent information.

No variances shall be retroactive or otherwise justify any violation of this plan occurring prior to the issuance of the variance.

Any petitioner requesting a variance will agree to follow certain watering conditions, as described in the approved variance, and violation of such conditions will result in a water waste fine without prior written warning(s).

17.0 Review and Update for the plans

The City of Laredo Utilities Department shall review and update its water conservation and drought contingency plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information. The City of Laredo Utilities Department shall review and update the next revision of its water conservation and drought contingency plan not later than May 1, 2024, and every five (5) years after that date to coincide with the regional water planning group. The revised plan must also include an implementation report.

ATTACHMENT E

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility: CITY OF LAREDO

Public Water Supply Identification Number (PWS ID): TX2400001

Certificate of Convenience and Necessity (CCN) Number: 11226

Surface Water Right ID Number: 627-A, 952-E, 2698-A, 2761-D, 2774-A, 2777-B, 3997-BT

Wastewater ID Number: 20485

Contact: First Name: Sheila Last Name: Serna

Title: Water Conservation Planner

Address: 5816 Daugherty City: Laredo State: TX

Zip Code: 78044 Zip+4: Email: [redacted]

Telephone Number: 9567212020 Date: 4/22/2024

Is this person the designated Conservation Coordinator? (•) Yes ( ) No

Regional Water Planning Group: M

Groundwater Conservation District:

Our records indicate that you:

☑ Received financial assistance of $500,000 or more from TWDB

☑ Have 3,300 or more retail connections

☑ Have a surface water right with TCEQ

A. Population and Service Area Data

1. Current service area size in square miles: 95

Attached file(s):

File Name	File Description
LAREDO_WSB.pdf	

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. Historical service area population for the previous five years, starting with the most current year.

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Water Service
2023	255,205	0	225,205
2022	256,153	0	256,153
2021	255,205	0	255,205
2020	262,491	0	262,491
2019	261,639	0	261,639

3. Projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Water Service
2030	267,373	0	267,373
2040	277,989	0	277,989
2050	281,208	0	281,208
2060	278,353	0	278,353
2070	275,353	0	275,353

4. Described source(s)/method(s) for estimating current and projected populations.

Texas Water Development Board- 2026 Regional Water Plan Board-Adopted Population and Municipal Demand Projections
https://www.twdb.texas.gov/waterplanning/data/projections/2027/municipal.asp

Attached file(s):

File Name	File Description
2026PopMunMethodology.pdf	
2026 RWP Municipal Data _ Texas Water Development Board.pdf	

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. System Input

System input data for the previous five years.
Total System Input = Self-supplied + Imported – Exported

Year	Water Produced in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2023	13,045,231,313	0	14,109,798	13,031,121,515	140
2022	13,501,585,859	0	14,807,879	13,486,777,980	144
2021	13,084,508,081	0	15,360,700	13,069,147,381	140
2020	12,998,498,990	0	14,424,200	12,984,074,790	136
2019	12,573,986,085	0	13,730,300	12,560,255,785	132
Historic Average	13,040,762,066	0	14,486,575	13,026,275,490	138

C. Water Supply System

1. Designed daily capacity of system in gallons: 93,000,000
2. Storage Capacity
   - 2a. Elevated storage in gallons: 13,000,000
   - 2b. Ground storage in gallons: 27,200,000

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Projected Demands

1. The estimated water supply requirements for the next ten years using population trends, historical water use, economic growth, etc.

Year	Population	Water Demand (gallons)
2025	257,250	13,145,475,000
2026	258,279	13,198,056,900
2027	259,312	13,250,843,200
2028	260,350	13,303,885,000
2029	261,391	13,357,080,100
2030	262,437	13,410,530,700
2031	263,486	13,464,134,600
2032	264,540	13,517,994,000
2033	265,598	13,572,057,800
2034	266,660	13,626,326,000

2. Description of source data and how projected water demands were determined.

Population projection was estimated by using the U.S. Census population percent change and adding it to every year.
Water demand was calculated using the baseline GPCD as follows:
140 GPCD*Population*365 days

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. High Volume Customers

1. The annual water use for the five highest volume **RETAIL customers.**

Customer	Water Use Category	Annual Water Use	Treated or Raw
Laredo Medical Center FSED	Commercial	71,589,400	Treated
Texas A&M International University	Commercial	18,916,300	Treated
New Webb County Jail	Commercial	18,460,800	Treated
Clarks Crossing Apts	Commercial	16,838,400	Treated
Bluewave Express Car Wash	Commercial	15,370,800	Treated

2. The annual water use for the five highest volume **WHOLESALE customers.**

Customer	Water Use Category	Annual Water Use	Treated or Raw
Webb County Water Dispenser	Municipal	13,968,700	Treated
Laredo Energy Center	Industrial	3,014,100	Treated

F. Utility Data Comment Section

Additional comments about utility data.

Attached file(s):

File Name	File Description
Top 10 Commercial Water Users for 2023 (1).pdf	
Top 10 Residential Water Users for 2023.pdf	
Top 10 Commercial Irrigation Users for 2023.pdf	
Top 10 Residential Irrigation Users for 2023.pdf	

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Section II: System Data

A. Retail Water Supplier Connections

1. List of active retail connections by major water use category.

Water Use Category Type	Total Retail Connections (Active + Inactive)	Percent of Total Connections
Residential - Single Family	70,331	77.54 %
Residential - Multi-Family	16,078	17.73 %
Industrial	2	0.00 %
Commercial	4,288	4.73 %
Institutional	0	0.00 %
Agricultural	0	0.00 %
Total	90,699	100.00 %

2. Net number of new retail connections by water use category for the previous five years.

	Net Number of New Retail Connections						
Year	**Residential - Single Family**	**Residential - Multi-Family**	**Industrial**	**Commercial**	**Institutional**	**Agricultural**	**Total**
2023	3,117		555				3,672
2022	2,507		410				2,917
2021	2,453		504				2,957
2020	2,511		227				2,738
2019	2,052		218				2,270

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. Accounting Data

The previous five years' gallons of RETAIL water provided in each major water use category.

Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2023	7,360,000,000	0	3,014,100	3,903,985,900	0	0	11,267,000,000
2022	7,328,000,000	0	2,257,200	4,251,742,800	0	0	11,582,000,000
2021	7,207,000,000	0	6,009,700	3,942,990,300	0	0	11,156,000,000
2020	7,098,000,000	0	5,203,800	3,947,372,000	0	0	11,050,575,800
2019	6,947,000,000	0	7,431,300	4,230,568,700	0	0	11,185,000,000

C. Residential Water Use

The previous five years residential GPCD for single family and multi-family units.

Year	Total Residential GPCD
2023	79
2022	78
2021	77
2020	74
2019	73
Historic Average	76

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Annual and Seasonal Water Use

1. The previous five years' gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Water				
	2023	2022	2021	2020	2019
January	103,024,400	1,024,421,000	991,214,000	905,165,000	837,699,000
February	944,742,000	948,993,000	954,581,000	860,587,000	790,215,000
March	1,116,412,000	1,146,805,000	1,052,197,000	989,032,000	931,549,000
April	1,058,692,000	1,184,424,000	1,089,811,000	954,194,000	1,010,645,000
May	1,097,537,000	1,266,643,000	1,110,560,000	1,104,098,000	1,035,802,000
June	1,255,018,000	1,294,501,000	1,114,424,000	1,123,661,000	1,205,787,000
July	1,462,291,000	1,449,177,000	1,172,958,000	1,318,673,000	1,307,525,000
August	1,422,415,000	1,314,084,000	1,266,808,000	1,276,110,000	1,404,559,000
September	1,282,049,000	1,125,627,000	1,277,546,000	1,086,311,000	1,184,295,800
October	1,060,571,000	1,126,240,000	1,180,858,000	1,170,525,000	1,163,769,000
November	862,489,000	1,003,008,000	1,094,825,000	1,064,655,000	980,370,000
December	880,195,000	962,967,000	1,103,919,000	1,015,503,000	967,636,000
Total	12,545,435,400	13,846,890,000	13,409,701,000	12,868,514,000	12,819,851,800

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

2. The previous five years' gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Water				
	2023	2022	2021	2020	2019
January	0	0	0	0	0
February	0	0	0	0	0
March	0	0	0	0	0
April	0	0	0	0	0
May	0	0	0	0	0
June	0	0	0	0	0
July	0	0	0	0	0
August	0	0	0	0	0
September	0	0	0	0	0
October	0	0	0	0	0
November	0	0	0	0	0
December	0	0	0	0	0
Total	0	0	0	0	0

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated + Raw)	Total RETAIL (Treated + Raw)
2023	4,139,724,000	12,545,435,400
2022	4,057,762,000	13,846,890,000
2021	3,554,190,000	13,409,701,000
2020	3,718,444,000	12,868,514,000
2019	3,917,871,000	12,819,851,800
Average in Gallons	3,877,598,200.00	13,098,078,440.00

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. Water Loss

Water Loss data for the previous five years.

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2023	1,633,461,517	18	12.54 %
2022	1,252,012,147	13	9.28 %
2021	1,447,724,867	16	11.08 %
2020	1,588,262,276	17	12.23 %
2019	990,484,587	10	7.89 %
Average	1,382,389,079	15	10.60 %

F. Peak Day Use

Average Daily Water Use and Peak Day Water Use for the previous five years.

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2023	34,371,055	44997000	1.3092
2022	37,936,684	44106108	1.1626
2021	36,738,906	38632500	1.0515
2020	35,256,202	40417869	1.1464
2019	35,122,881	42585554	1.2125

G. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	7,188,000,000	77.54 %	63.90 %
Residential - Multi-Family	0	17.73 %	0.00 %
Industrial	4,783,220	0.00 %	0.04 %
Commercial	4,055,331,940	4.73 %	36.05 %
Institutional	0	0.00 %	0.00 %
Agricultural	0	0.00 %	0.00 %

Texas Water Development Board

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

H. System Data Comment Section

Section III: Wastewater System Data

A. Wastewater System Data

1. Design capacity of wastewater treatment plant(s) in gallons per day: 35,250,000

2. List of active wastewater connections by major water use category.

Water Use Category	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal	68,405		68,405	91.34 %
Industrial			0	0.00 %
Commercial	6,489		6,489	8.66 %
Institutional			0	0.00 %
Agricultural			0	0.00 %
Total	74,894		74,894	100.00 %

3. Percentage of water serviced by the wastewater system: 0.00 %

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4. Number of gallons of wastewater that was treated by the utility for the previous five years.

Month	Total Gallons of Treated Water				
	2023	2022	2021	2020	2019
January	582,702,000	571,486,000	562,806,000	514,468,000	557,984,000
February	535,404,000	500,824,000	516,725,000	459,737,000	504,319,000
March	589,266,000	572,020,000	572,125,000	518,966,000	558,856,000
April	602,054,000	575,818,000	580,689,000	511,023,000	553,995,000
May	648,601,000	623,257,000	623,672,000	547,374,000	615,034,000
June	613,882,000	582,745,000	604,959,000	552,725,000	576,784,000
July	617,117,000	589,774,000	635,523,000	571,666,000	541,999,000
August	641,464,000	672,153,000	630,440,000	595,027,000	547,297,000
September	621,623,000	618,410,000	593,569,000	599,598,000	524,089,000
October	643,595,000	605,630,000	612,145,000	559,514,000	538,879,000
November	605,386,000	589,765,000	570,151,000	567,450,000	515,509,000
December	603,300,000	607,354,000	589,956,000	557,765,000	512,399,000
Total	7,304,394,000	7,109,236,000	7,092,760,000	6,555,313,000	6,547,144,000

5. Could treated wastewater be substituted for potable water?

○ Yes ◉ No

B. Reuse Data

1. Data by type of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site Irrigation	261,511,157
Plant wash down	573,296,998
Chlorination/de-chlorination	303,777,112
Industrial	
Landscape irrigation (park,golf courses)	540,000,000
Agricultural	
Discharge to surface water	20,462,000
Evaporation Pond	0
Other	
Total	1,699,047,267

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C. Wastewater System Data Comment

Additional comments and files to support or explain wastewater system data listed below.

Attached file(s):

File Name	File Description
WASTEWATER SYSTEM DATA 2024 (1).docx	