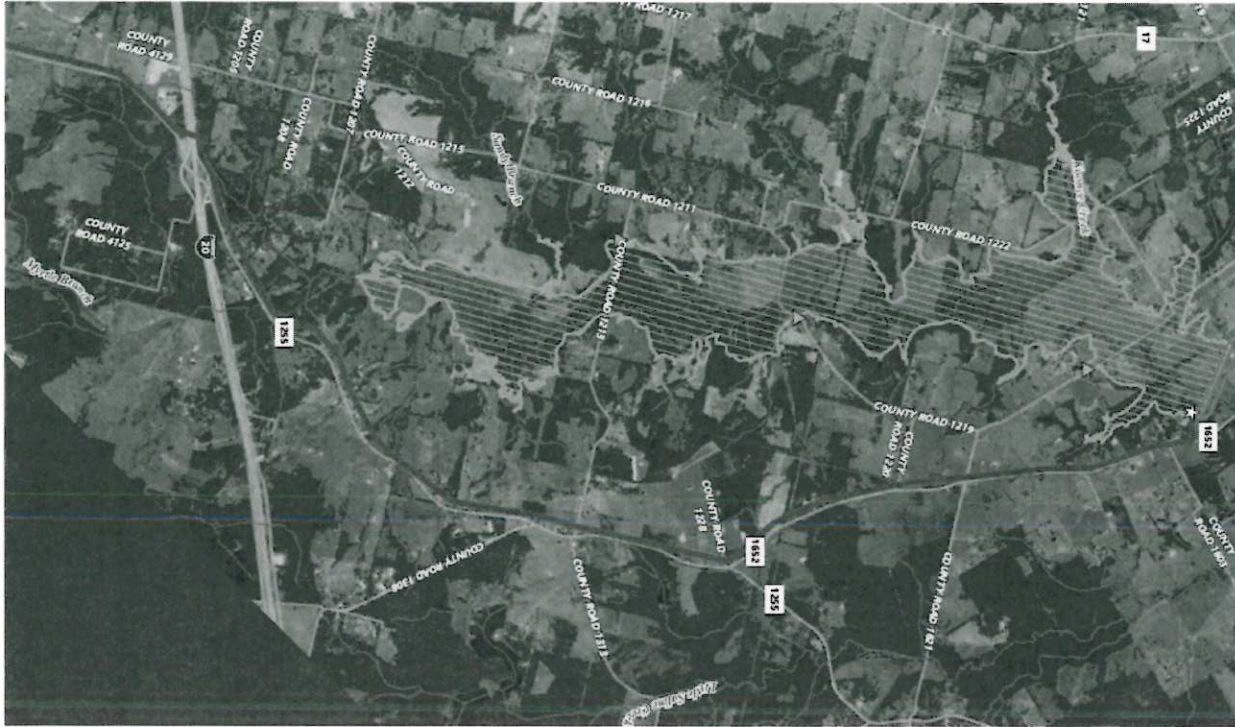


WATER RIGHTS PERMIT APPLICATION

GRAND SALINE RESERVOIR



Prepared by:



CP&Y Inc., dba STV
Infrastructure
505 Padon St.
Longview, Texas 75601
April, 2025

RECEIVED

APR 22 2025

Water Availability Division

Prepared for:



City of Canton
201 North Buffalo
Canton, Texas 75103

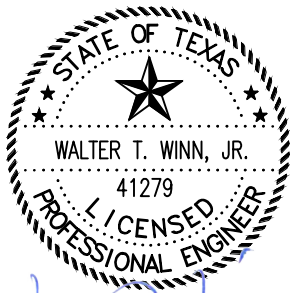
City of Canton

Water Rights Permit Application

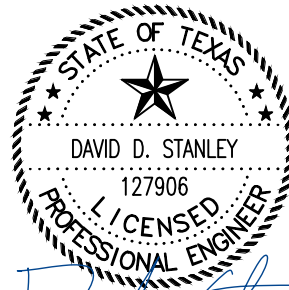
Grand Saline Reservoir

SEAL SHEET

April, 2025



Walter T. Winn Jr.
Walter "Terry" Winn Jr., P.E. 4/11/2025
PE No. 41279



David Stanley
David Stanley, P.E. 4/11/2025
PE No. 127906

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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): City of Canton

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 **Administrative Information Report**

N Additional Co-Applicant Information

N Additional Co-Applicant Signature Pages

Y Written Evidence of Signature Authority

Y **Technical Information Report**

Y USGS Map (or equivalent)

Y Map Showing Project Details

N Original Photographs

Y Water Availability Analysis

Y **Worksheet 1.0**

N Recorded Deeds for Irrigated Land

N Consent for Irrigated Land

N **Worksheet 1.1**

N Addendum to Worksheet 1.1

N **Worksheet 1.2**

Y **Worksheet 2.0**

N Additional W.S. 2.0 for Each Reservoir

N Dam Safety Documents

Y Notice(s) to Governing Bodies

N Recorded Deeds for Inundated Land

N Consent for Inundated Land

Y/N

N **Worksheet 3.0**

N Additional W.S. 3.0 for each Point

N Recorded Deeds for Diversion Points

N Consent for Diversion Access

N **Worksheet 4.0**

N TPDES Permit(s)

N WWTP Discharge Data

N Groundwater Well Permit

N Signed Water Supply Contract

N **Worksheet 4.1**

N **Worksheet 5.0**

N Addendum to Worksheet 5.0

Y **Worksheet 6.0**

Y Water Conservation Plan(s)

Y Drought Contingency Plan(s)

Y Documentation of Adoption

Y **Worksheet 7.0**

Y Accounting Plan

Y **Worksheet 8.0**

Y Fees

Y Public Involvement Plan

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Water Availability Division

RECEIVED

APR 22 2025

Water Availability Division

ADMINISTRATIVE INFORMATION REPORT

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

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

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

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

____ New Appropriation of State Water

____ Amendment to a Water Right *

____ Bed and Banks

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

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

2. APPLICANT INFORMATION (Instructions, Page. 6)

a. Applicant

Indicate the number of Applicants/Co-Applicants _____
(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?

(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 : _____ (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: _____

Title: _____

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

What is the applicant's mailing address as recognized by the US Postal Service (USPS)? You may verify the address on the USPS website at
<https://tools.usps.com/go/ZipLookupAction!input.action>.

Name: _____

Mailing Address: _____

City: _____ State: _____ ZIP Code: _____

Indicate an X next to the type of Applicant:

___ Individual ___ Sole Proprietorship-D.B.A.

___ Partnership ___ Corporation

___ Trust ___ Estate

___ Federal Government ___ State Government

___ County Government ___ City Government

___ Other Government ___ Other _____

For Corporations or Limited Partnerships, provide:

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

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

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

First and Last Name: _____

Title: _____

Organization Name: _____

Mailing Address: _____

City: _____ State: _____ ZIP Code: _____

Phone Number: _____

Fax Number: _____

E-mail Address: _____

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

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

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

First and Last Name: _____

Title: _____

Organization Name: _____

Mailing Address: _____

City: _____ State: _____ ZIP Code: _____

Phone Number: _____

Fax Number: _____

E-mail Address: _____

5. MISCELLANEOUS INFORMATION (Instructions, Page. 9)

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

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

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** _____

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

Enforcement order number: _____ Amount past due: _____

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

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

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

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

Applicant has submitted all required TWDB surveys of groundwater and surface water?

Yes / No _____

6. SIGNATURE PAGE (Instructions, Page. 11)

Applicant:

I, Lou Ann Everett, Mayor of Canton

(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 Lou Ann Everett

Date: 4-15-2025

(Use blue ink)

Subscribed and Sworn to before me by the said

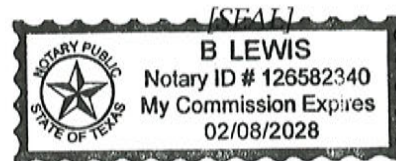
on this 15th day of April, 2025.

My commission expires on the 08 day of February, 2028.

B Lewis

Notary Public

Van Zandt
County, Texas



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

TECHNICAL INFORMATION REPORT

WATER RIGHTS PERMITTING

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

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

Date of pre-application meeting: _____

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 _____
- 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 _____ (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 _____

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Additionally, all amendments require:

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

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

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

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_____

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_____

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_____

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_____

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”:

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

If the Applicant performed its own Water Availability Analysis, provide electronic copies of any modeling files and reports. Attachment C1 - Water Availability Analysis

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

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

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

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

a. Location Information Regarding the Lands to be Irrigated

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

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

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

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

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

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

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

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

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

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

- b. For any request which adds Agricultural purpose of use or changes the place of use for Agricultural rights, provide the following location information regarding the lands to be irrigated:
- 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.
 - 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.

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

WORKSHEET 1.1

INTERBASIN TRANSFERS, TWC § 11.085

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

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

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

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

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

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

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

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

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

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

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

WORKSHEET 1.2

NOTICE. “THE MARSHALL CRITERIA”

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

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

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

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

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

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

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

WORKSHEET 2.0

Impoundment/Dam Information

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

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

1. Storage Information (Instructions, Page. 21)

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

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

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

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

2. Structure Location (Instructions, Page. 23)

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

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

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

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

Latitude_____°N, Longitude_____°W.

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

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

WORKSHEET 3.0

DIVERSION POINT (OR DIVERSION REACH) INFORMATION

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

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

1. Diversion Information (Instructions, Page. 24)

a. This Worksheet is to add new (select 1 of 3 below):

1. ____ 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
<input type="checkbox"/>	Directly from stream	
<input type="checkbox"/>	From an on-channel reservoir	
<input type="checkbox"/>	From a stream to an on-channel reservoir	
<input type="checkbox"/>	Other method (explain fully, use additional sheets if necessary)	

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

Applicant has calculated the drainage area. Y / N _____

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)

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.

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/gwdbbrpt.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.
 - dii. 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 maps submitted with the application indicating the location of the photograph and the direction of the shot.
2. If the application includes a proposed reservoir, also include:
 - i. A brief description of the area that will be inundated by the reservoir.
 - ii. If a United States Army Corps of Engineers (USACE) 404 permit is required, provide the project number and USACE project manager.
 - iii. A description of how any impacts to wetland habitat, if any, will be mitigated if the reservoir is greater than 5,000 acre-feet.

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

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

a. For all bed and banks applications:

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

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

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

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

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

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

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

2. Drought Contingency Plans

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

WORKSHEET 7.0

ACCOUNTING PLAN INFORMATION WORKSHEET

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

1. Is Accounting Plan Required

Accounting Plans are generally required:

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

2. Accounting Plan Requirements

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

WORKSHEET 8.0 CALCULATION OF FEES

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

1. NEW APPROPRIATION

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

2. AMENDMENT OR SEVER AND COMBINE

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

3. BED AND BANKS

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



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.

Section 3. Application Information

Type of Application (check all that apply):

Air Initial Federal Amendment Standard Permit Title V
Waste Municipal Solid Waste Industrial and Hazardous Waste Scrap Tire
Radioactive Material Licensing Underground Injection Control

Water Quality

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

Water Rights New Permit

New Appropriation of Water
New or existing reservoir

Amendment to an Existing Water Right

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

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Section 5. Community and Demographic Information

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

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

(City)

(County)

(Census Tract)

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

City

County

Census Tract

- (a) Percent of people over 25 years of age who at least graduated from high school
- (b) Per capita income for population near the specified location
- (c) Percent of minority population and percent of population by race within the specified location
- (d) Percent of Linguistically Isolated Households by language within the specified location
- (e) Languages commonly spoken in area by percentage
- (f) Community and/or Stakeholder Groups
- (g) Historic public interest or involvement

Section 6. Planned Public Outreach Activities

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

Yes No

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

Yes No

If Yes, please describe.

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

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

Yes No

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

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

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

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

Yes No

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

Yes No

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

TCEQ Regional Office

TCEQ Central Office

Public Place (specify)

Section 7. Voluntary Submittal

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

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

Yes No

What types of notice will be provided?

Publish in alternative language newspaper

Posted on Commissioner's Integrated Database Website

Mailed by TCEQ's Office of the Chief Clerk

Other (specify)

Administrative Information Report
Water Rights Permitting
City of Canton – Grand Saline Reservoir
Attachment A – Summary of Request

The City of Canton is applying for the new appropriation of State Water for the construction of the Grand Saline Reservoir, in the Sabine River Basin. In the Amendment to a Certificate of Adjudication No.05-4658B which was granted to Sabine River Authority on August 23, 2019, the Texas Commission on Environmental Quality (TCEQ) made the following exemption in §5.D.

“In lieu of Special Condition I. in Certificate of Adjudication 05-4658, Certificate of Adjudication 05-4658 as amended, is subordinate to: 1) water rights with diversion points upstream of the point known as Stateline, which were issued prior to May 15, 2003; and 2) water rights for Sabine River tributary impoundments upstream of the point known as Stateline which permitted firm yields of less than 4,000 acre-feet per year for municipal use only.”

By virtue of this subrogation clause, the City of Canton requests water rights for 3,950 acre-feet per year from the proposed reservoir on Grand Saline Creek. The City proposes the impoundment of 21,316 acre-feet of water for use as a municipal water supply.

Attachment B – Written Evidence of Signatory Authority

Lou Ann Everett, Mayor
Blake Fowler, City Council
Jim Fuller, City Council
Chase Melton, City Council
Cassidy Henderson, City Council
Randon Sumner, City Council
Lonny Cluck, City Manager

201 N. Buffalo
Canton, Texas 75103

City of Canton

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

April 16, 2025

Via Express Delivery

Texas Commission on Environmental Quality
Water Availability Division, MC-160
12100 Park 35 Circle
Austin, Texas 78753

RE: Application for Water Rights Permit — City of Canton Grand Saline Reservoir

Ladies and Gentlemen:

At a regular meeting of the City Council held on April 15, 2025, Mayor Lou Ann Everett was authorized by **City Resolution 2025-10**, that passed unanimously, to submit the Water Rights Application for the City of Canton Grand Saline Reservoir on behalf of the City of Canton.

Please do not hesitate to contact me if you have any questions.

Sincerely,



Bristol Lewis
City Secretary

Cc: Terry Winn, P.E. – STV, Inc. [REDACTED]
David Stanley, P.E. – STV, Inc. [REDACTED]

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RESOLUTION 2025-10

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF CANTON, TEXAS, AUTHORIZING SUBMITTAL OF APPLICATION TO TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ("TCEQ") FOR GRAND SALINE RESERVOIR WATER RIGHTS; AUTHORIZING THE MAYOR TO EXECUTE THE AGREEMENT AND ALL OTHER NECESSARY DOCUMENTS; AND PROVIDING FOR AN EFFECTIVE DATE

WHEREAS, the availability of water is one of the most important factors for continued economic growth and municipal sustainability; and

WHEREAS, the proposed Grand Saline Reservoir is part of Canton's Alternative Strategy to obtain water; and

WHEREAS, the North East Texas Regional Water Planning Group approved the City's use of the Grand Saline Reservoir in 2021; and

WHEREAS, submittal of said application is the first step in the TCEQ review process,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CANTON, TEXAS,

1. That the City Council approves the submittal of the application attached hereto as "**Exhibit A**";
2. The Mayor is authorized to sign the application and any other necessary documents to submit the application;
3. This Resolution is effective immediately upon passage.

PASSED, APPROVED, and ADOPTED by the City Council of Canton, Texas, on this 15th day of April, 2025.


Lou Ann Everett, Mayor

ATTEST:


Bristol Lewis, City Secretary



Technical Information Report
Water Rights Permitting
City of Canton – Grand Saline Reservoir
Attachment C – Addendum Regarding the State & Regional Water Plans

After completion and acceptance of a Comprehensive Plan for the City of Canton in 2004, an evaluation of the long-term water supply alternatives available to the City was conducted. The evaluation was limited to surface water alternatives due to the history of undependable long-term groundwater supply sources in Van Zandt County.

The study recommendation was to construct a new reservoir downstream of the City's wastewater treatment plant discharge. Due to legal and financial limitations, the new reservoir location was moved to the Grand Saline Creek site. In 2017, the City developed more detailed information on the Grand Saline Creek site through aerial photography surveying and water availability modeling of the site.

CP&Y was retained by the City of Canton in 2018 to conduct an in-depth feasibility study for the permitting and construction of a new reservoir on Grand Saline Creek. This study concluded that the need for reliable water sources in Canton and surrounding communities will continue to increase. Ground water supplies are limited and unreliable as a long-term solution. Surface water is the preferred long-term source of supply. There are four (4) large reservoirs near Canton (Fork, Tawakoni, Cedar Creek, and Palestine). All water available from these sources has already been allocated. Construction of a new reservoir on Grand Saline Creek was deemed to be feasible from a geographical, geological, hydrologic, hydraulic, environmental, regulatory, and political standpoint. Eventually, the need for water will be sufficient to satisfy the financial obligations.

The 2021 Region D Initially Prepared Plan created by the NETRWPG predicated an average yearly growth rate of 0.59% for the City of Canton. Historical population data trends show an average yearly growth rate for the City to be 1.13%. As a result of Canton's prime location between major cities and its proximity to Interstate-20, future projections arguably resemble the growth rates of other cities surrounding Dallas, such as Forney, Celina and Princeton which have average yearly growth rates of 3%, 5% and 6%, respectively. Assuming a 2017 population of 3,581 and utilizing a geometric growth rate equation with a growth rate of 3.7%, the City of Canton could reach a population of 17,704 in the year 2070. While the growth rate has been highly debated since the initial study of 2004, neither the effects of urban sprawl, nor Canton's shared qualities to nearby cities that have witness unprecedented growth can be denied.

The Region D Plan currently indicates that the City's existing supplies will be adequate through the planning period to 2070. However, the plan also recognizes that the population projects used may be low, and recognizes the Grand Saline Reservoir as an Alternate Strategy for supply for the City.

Attachment C1
WATER AVAILABILITY ANALYSIS
City of Canton's Proposed Grand Saline Reservoir

BACKGROUND

CP&Y (Client) is assisting the City of Canton (City) with the engineering and permitting of a new reservoir on Grand Saline Creek in the Sabine River Basin. Preliminary yield studies were developed by Hoffpauir Consulting in 2017 using the Texas Commission on Environmental Quality's (TCEQ) Run3 Water Availability Model (WAM) for the Sabine River Basin. Since that time, CP&Y has refined the proposed dam location and Kennedy Resource Company (KRC) has updated the previous analysis to determine the firm yield of the proposed reservoir at the new location using the latest TCEQ Run3 WAM.

Certificate of adjudication 4658 (COA 4658) is owned by the Sabine River Authority of Texas (SRA TX) and authorizes the impoundment of 4,477,000 acre-feet in Toledo Bend Reservoir and the diversion of 750,000 acre feet of water per year for various uses including hydropower generation by releasing water from the dam. It should be noted that the original certificate of adjudication contained a special condition stipulating:

"the certificate of adjudication is subordinate to the present and future water requirements of that portion of the Sabine River watershed lying upstream of the point known as Stateline. The Commissions granting of future permits for waters upstream from Stateline will be made without any claim being made on such waters by virtue of this certificate, and the certificate shall not seem to perfect any appropriation of such waters".

Amendment B of this certificate, granted to SRA TX on August 23, 2019 with a priority date of May 15, 2003, authorized an additional 220,067¹ acre-feet per year of water to be diverted from Toledo Bend and also modified the previous special condition such that COA 4658, as amended, is now subordinated to:

"(1) water rights with diversion points upstream of the point known as Stateline, which were issued prior to May 15, 2003; and (2) water rights for Sabine River tributary impoundments upstream of the point known as Stateline with permitted firm yields of less than 4,000 acre-feet per year for municipal use only".

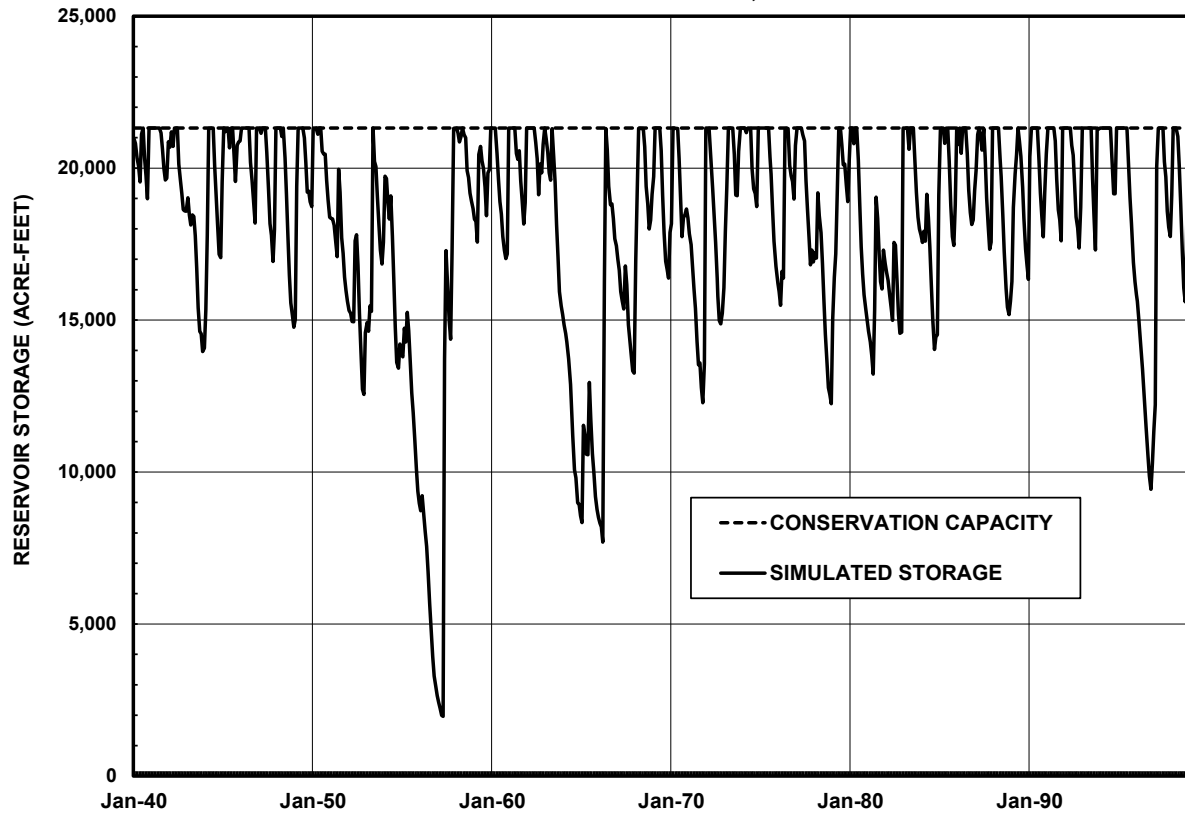
¹ Special condition 5A in SRA TX's 4658B amendment also limits the additional diversion amount to 195,650 (reduced from the 230,067 acre-feet per year otherwise authorized) until such time the owner abandons or reduces the authorization to generate hydroelectric power on a priority basis. Since TCEQ's Run3 WAM has priority hydropower represented for SRA TX, the new authorized diversion amount specified in the TCEQ's model is 195,650 acre-feet per year.

This Amendment B is significant because special condition 5d provides for the subordination of COA 4658 to the proposed reservoir on Grand Saline Creek, provided the firm yield for the reservoir is less than 4,000 acre-feet per year.

WATER AVAILABILITY ANALYSIS

KRC obtained the most recent available copy of the TCEQ's Run3 Sabine Basin WAM from TCEQ staff along with the associated GIS files. A new control point was inserted into the model at the proposed location for Grand Saline Reservoir along with detailed elevation-area-capacity data for the reservoir and logic to accomplish the subordination of SRA TX's COA 4658 at Toledo Bend to the proposed location of Grand Saline Reservoir. The demand from the proposed reservoir was specified with a typical municipal pattern and the priority date for impoundment and use of water from the proposed reservoir was specified as the most junior priority in the basin, thus subjecting the proposed reservoir to all downstream Senate Bill 3 environmental flow requirements and also making this application junior to all water rights in the basin except for SRA TX at Toledo Bend. The conservation storage capacity of the reservoir at the proposed location is 21,316 acre-feet at elevation 415 feet msl, which corresponds to a water surface area of 1,663 acres. The firm annual yield of the proposed reservoir with these dimensions and location was determined to be 3,950 acre-feet per year. The critical period that defined the firm annual yield was from June 1953 through December 1957, with the minimum storage of 1,964 acre-feet occurring in April 1957. This total drought duration encompasses 55 months (4.6 years) from the spill to spill. Attached is a plot showing the simulated monthly storage in the reservoir with the 3,950 acre-feet per year firm yield demand being met every year over the course of the WAM 1940-1998 simulation period. As shown, the maximum storage simulated for the reservoir is its maximum conservation storage capacity of 21,316 acre-feet. The occurrence of the critical drought period is apparent in the mid-1950s by the occurrence of the minimum storage condition.

**SIMULATED STORAGE FOR GRAND SALINE RESERVOIR
FIRM YIELD DEMAND OF 3,950 AF/Y**



Attachment D – Notice to Public Bodies

Lou Ann Everett, Mayor
Blake Fowler, City Council
Jim Fuller, City Council
Chase Melton, City Council
Cassidy Henderson, City Council
Randon Sumner, City Council
Lonny Cluck, City Manager

201 N. Buffalo
Canton, Texas 75103

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

City of Canton

February 25, 2025

Mitch Curtis
Precinct 1 Commissioner
121 E. Dallas, Room 207
Canton, Texas 75103

RE: City of Canton Grand Saline Reservoir

Dear Commissioner Curtis,

Please accept this letter as your notice that the City of Canton is making application to the Texas Commission on Environmental Quality to construct a water supply reservoir on Grand Saline Creek.

The proposed reservoir, location reflected on accompanying map, has been identified in the North East Texas Regional Water Planning Group 2021 Regional Water Plan as an alternative strategy to provide additional water supplies for the City of Canton. Excerpts from that Plan are included in with correspondence.

The reservoir will serve as an additional water supply for the City by supplying up to 3,950 acre-feet/year. The construction of this reservoir is a critical need for Canton's drinking water supply to meet future water demands associated with future growth. As we are still in the permitting phase, we do not have an estimated date to begin design or construction.

If you have any questions or request further information, please contact our office at (903) 567-1841 or the project engineer Terry Winn, P.E. at (903) 553-0500.

Sincerely,

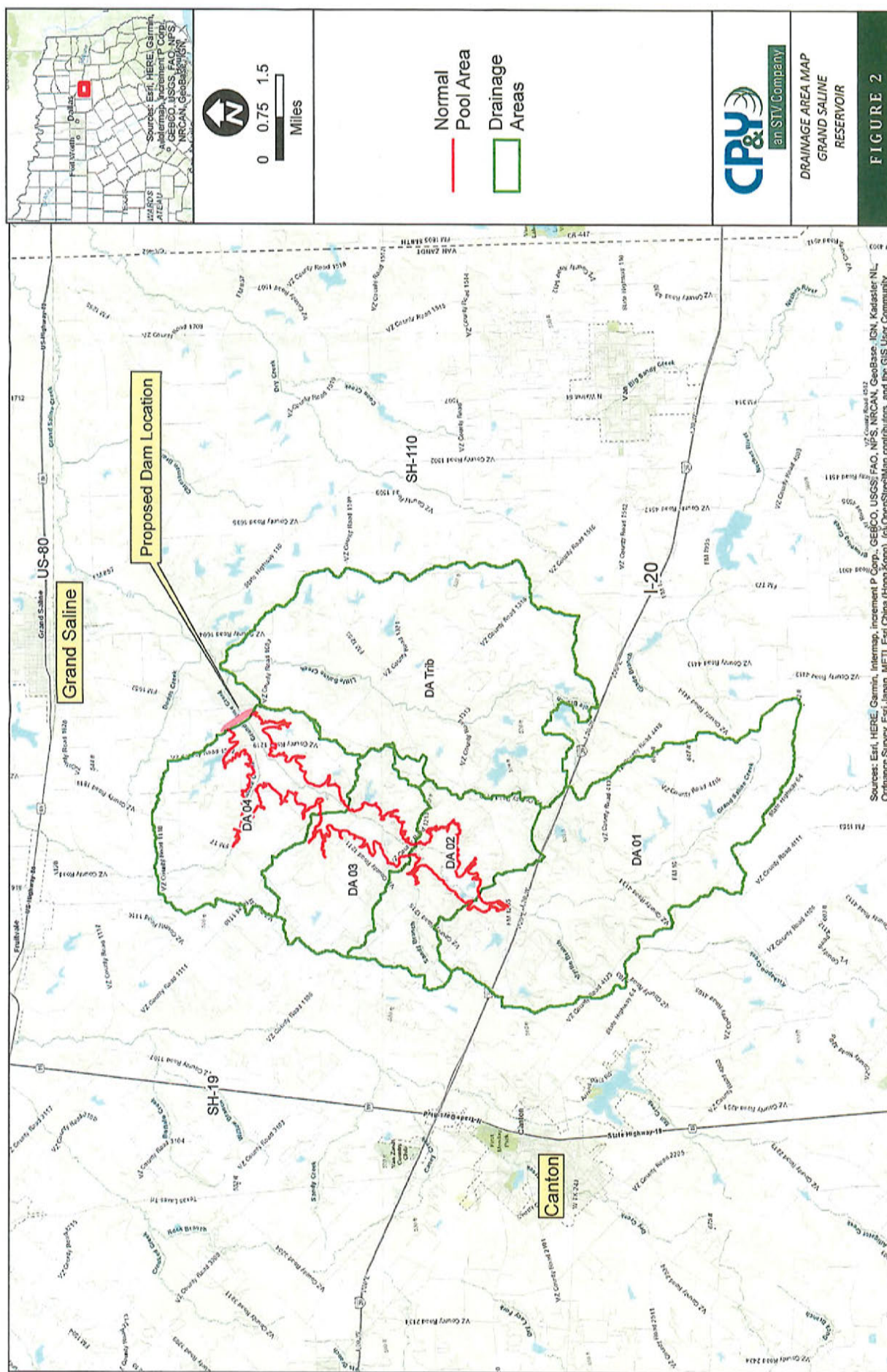


Lonny Cluck
City Manager

Enclosures: Grand Saline Reservoir - proposed location
Excerpts from the 2020 North East Texas Regional Water Plan

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5.3.21 Van Zandt County

5.3.21.1 The City of Canton

The City of Canton provides water service in Van Zandt County. The city's population is projected to be 3,981 by 2020 and increasing to 5,352 by 2070. The City of Canton utilizes groundwater from the Carrizo-Wilcox aquifer, and surface water from Mill Creek Reservoir and a run of river water right for water supplies. The City of Canton is not projected to have a shortage during the planning period.

Description/Discussion of Needs

In 2008, the Canton City council authorized the appropriation of \$70,000 to prepare a long-term water plan. The project evaluated four (4) reservoir sites in Van Zandt County. Two of the four proved to be feasible from a technical standpoint. The City spent an additional \$30,000 in 2009 and 2010 to address questions and provide additional information requested by the committee members. In addition to these two long-term strategies, two additional water wells were included to satisfy short-term needs. These two additional wells have been completed. Additional groundwater supply is a potentially feasible strategy. Water reuse is a potentially feasible water supply strategy, as the City currently has a water rights application pending at the TCEQ for the authorization of indirect reuse. At the previous request of the City of Canton, the construction of an additional water well by 2020 was identified as a feasible strategy because the City of Canton is planning on developing additional groundwater supply to supplement existing supplies. Also at the request of the City, a potential new reservoir on Grand Saline Creek was also considered as a feasible strategy for the City.

Evaluated Strategies

At the request of the City of Canton, the construction of an additional water well by 2020 was identified as a feasible strategy because the City of Canton is planning on developing additional groundwater supply to supplement existing supplies. Costing analyses for this strategy are based on the amount of requested supply, although no need was identified for the present round of planning.

New Reservoir on Grand Saline Creek – The City has identified a feasible strategy to meet future water supply needs as being the construction of a new 1,845 acre (24,980 ac-ft) reservoir on Grand Saline Creek, a tributary of Sabine River. This reservoir project was originally described in a 2008

report from Gary Burton Engineering, Inc. to the City of Canton, entitled Long-Term Water Study Surface Water Supply. The 2008 report identified the project site, reservoir surface area, drainage area, and estimated construction costs for the reservoir, intake structure, transmission pipeline, and water treatment plant expansion.

The construction costs associated with the new reservoir, raw water transmission line, and water treatment plant expansion are based on calculations from the UCM. For the 2021 planning process, the reservoir has been modeled in the Sabine River WAM (Run 3), subject to SB 3 environmental flow criteria at a junior priority date, and modeled considering the full demand of existing water rights in the Sabine River Basin. The results of this WAM analysis indicate the project has a firm yield of 1,810 ac-ft per year. The project is estimated to yield 1,810 ac-ft/yr of supply by constructing a new 24,980 ac-ft reservoir and 14" pipeline to Canton's WTP and expanding the WTP, for a total project cost of \$63 million with an annual cost of \$3.9 million and a unit cost for the additional supply of \$2,152 per ac-ft. with debt service and \$265 per ac-ft without debt service.

Recommendations

The recommended strategy for the City of Canton is to construct by 2020 an additional water well similar to existing wells in the area. The recommended supply source will be the Carrizo-Wilcox Aquifer in the Sabine Basin in Van Zandt County. One well with rated capacity of 180 gpm would provide approximately 100 ac-ft/yr. The Carrizo-Wilcox Aquifer in Van Zandt County is projected to have sufficient supply availability to provide this supply for the planning period.

A second recommended water conservation strategy option is the utilization of both direct and indirect water reuse. The City of Canton has submitted an application to the TCEQ to secure a water right for indirect reuse and may also seek to secure an authorization for direct reuse. These recommendations are based upon current NETRWPG population projections for the City of Canton.

Because of substantial disagreement over future population and water demands, the City has requested the following alternate strategy:

The strategy to meet future needs "is with surface water from a proposed reservoir on Grand Saline Creek. The City of Canton has provided to NETRWPG resolutions from three other cities in Van Zandt County supporting the reservoir project. This show of support indicates that a regional surface water reservoir could possibly replace the groundwater strategies for other Van Zandt County public water supplies with projected deficits. However, due to the time typically required to obtain the necessary permits to impound surface water, the City plans to construct one or two additional wells, or implement a reuse option in the interim to meet increasing demands due to population growth and the First Monday influence."

This alternative wording should be considered consistent with this plan in the event that population growth in the potential service area significantly exceeds current NETRWPG projections.

Lou Ann Everett, Mayor
Blake Fowler, City Council
Jim Fuller, City Council
Chase Melton, City Council
Cassidy Henderson, City Council
Randon Sumner, City Council
Lonny Cluck, City Manager

201 N. Buffalo
Canton, Texas 75103

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

City of Canton

February 25, 2025

Cliff Williams
Precinct 2 Commissioner
121 E. Dallas, Room 207
Canton, Texas 75103

RE: City of Canton Grand Saline Reservoir

Dear Commissioner Williams,

Please accept this letter as your notice that the City of Canton is making application to the Texas Commission on Environmental Quality to construct a water supply reservoir on Grand Saline Creek.

The proposed reservoir, location reflected on accompanying map, has been identified in the North East Texas Regional Water Planning Group 2021 Regional Water Plan as an alternative strategy to provide additional water supplies for the City of Canton. Excerpts from that Plan are included in with correspondence.

The reservoir will serve as an additional water supply for the City by supplying up to 3,950 acre-feet/year. The construction of this reservoir is a critical need for Canton's drinking water supply to meet future water demands associated with future growth. As we are still in the permitting phase, we do not have an estimated date to begin design or construction.

If you have any questions or request further information, please contact our office at (903) 567-1841 or the project engineer Terry Winn, P.E. at (903) 553-0500.

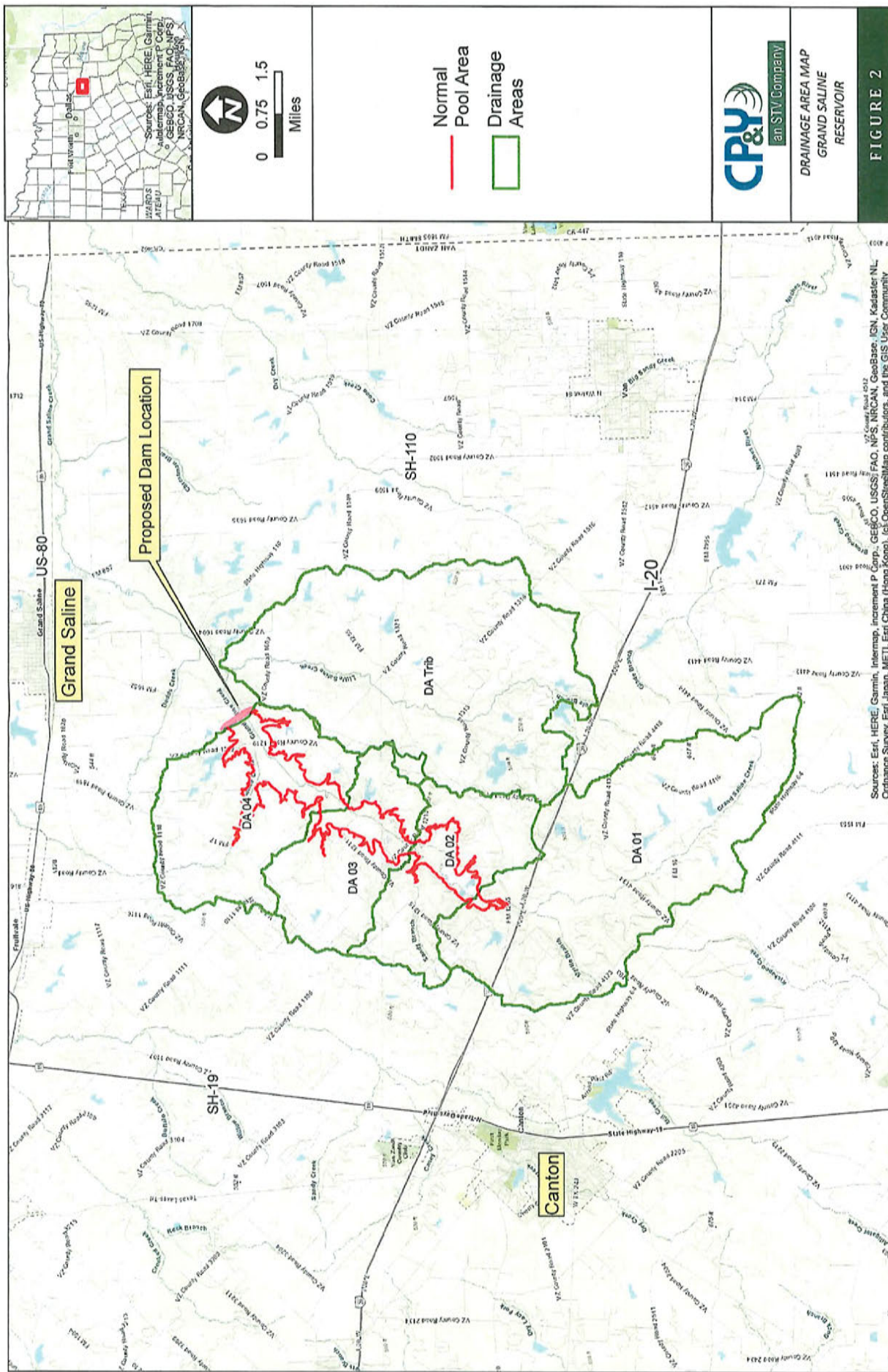
Sincerely,



Lonny Cluck
City Manager

Enclosures: Grand Saline Reservoir - proposed location
Excerpts from the 2020 North East Texas Regional Water Plan

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5.3.21 Van Zandt County

5.3.21.1 The City of Canton

The City of Canton provides water service in Van Zandt County. The city's population is projected to be 3,981 by 2020 and increasing to 5,352 by 2070. The City of Canton utilizes groundwater from the Carrizo-Wilcox aquifer, and surface water from Mill Creek Reservoir and a run of river water right for water supplies. The City of Canton is not projected to have a shortage during the planning period.

Description/Discussion of Needs

In 2008, the Canton City council authorized the appropriation of \$70,000 to prepare a long-term water plan. The project evaluated four (4) reservoir sites in Van Zandt County. Two of the four proved to be feasible from a technical standpoint. The City spent an additional \$30,000 in 2009 and 2010 to address questions and provide additional information requested by the committee members. In addition to these two long-term strategies, two additional water wells were included to satisfy short-term needs. These two additional wells have been completed. Additional groundwater supply is a potentially feasible strategy. Water reuse is a potentially feasible water supply strategy, as the City currently has a water rights application pending at the TCEQ for the authorization of indirect reuse. At the previous request of the City of Canton, the construction of an additional water well by 2020 was identified as a feasible strategy because the City of Canton is planning on developing additional groundwater supply to supplement existing supplies. Also at the request of the City, a potential new reservoir on Grand Saline Creek was also considered as a feasible strategy for the City.

Evaluated Strategies

At the request of the City of Canton, the construction of an additional water well by 2020 was identified as a feasible strategy because the City of Canton is planning on developing additional groundwater supply to supplement existing supplies. Costing analyses for this strategy are based on the amount of requested supply, although no need was identified for the present round of planning.

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report from Gary Burton Engineering, Inc. to the City of Canton, entitled Long-Term Water Study Surface Water Supply. The 2008 report identified the project site, reservoir surface area, drainage area, and estimated construction costs for the reservoir, intake structure, transmission pipeline, and water treatment plant expansion.

The construction costs associated with the new reservoir, raw water transmission line, and water treatment plant expansion are based on calculations from the UCM. For the 2021 planning process, the reservoir has been modeled in the Sabine River WAM (Run 3), subject to SB 3 environmental flow criteria at a junior priority date, and modeled considering the full demand of existing water rights in the Sabine River Basin. The results of this WAM analysis indicate the project has a firm yield of 1,810 ac-ft per year. The project is estimated to yield 1,810 ac-ft/yr of supply by constructing a new 24,980 ac-ft reservoir and 14" pipeline to Canton's WTP and expanding the WTP, for a total project cost of \$63 million with an annual cost of \$3.9 million and a unit cost for the additional supply of \$2,152 per ac-ft. with debt service and \$265 per ac-ft without debt service.

Recommendations

The recommended strategy for the City of Canton is to construct by 2020 an additional water well similar to existing wells in the area. The recommended supply source will be the Carrizo-Wilcox Aquifer in the Sabine Basin in Van Zandt County. One well with rated capacity of 180 gpm would provide approximately 100 ac-ft/yr. The Carrizo-Wilcox Aquifer in Van Zandt County is projected to have sufficient supply availability to provide this supply for the planning period.

A second recommended water conservation strategy option is the utilization of both direct and indirect water reuse. The City of Canton has submitted an application to the TCEQ to secure a water right for indirect reuse and may also seek to secure an authorization for direct reuse. These recommendations are based upon current NETRWPG population projections for the City of Canton.

Because of substantial disagreement over future population and water demands, the City has requested the following alternate strategy:

The strategy to meet future needs "is with surface water from a proposed reservoir on Grand Saline Creek. The City of Canton has provided to NETRWPG resolutions from three other cities in Van Zandt County supporting the reservoir project. This show of support indicates that a regional surface water reservoir could possibly replace the groundwater strategies for other Van Zandt County public water supplies with projected deficits. However, due to the time typically required to obtain the necessary permits to impound surface water, the City plans to construct one or two additional wells, or implement a reuse option in the interim to meet increasing demands due to population growth and the First Monday influence."

This alternative wording should be considered consistent with this plan in the event that population growth in the potential service area significantly exceeds current NETRWPG projections.

Lou Ann Everett, Mayor
Blake Fowler, City Council
Jim Fuller, City Council
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Cassidy Henderson, City Council
Randon Sumner, City Council
Lonny Cluck, City Manager

201 N. Buffalo
Canton, Texas 75103

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

City of Canton

February 25, 2025

Bobby Phillips
Precinct 3 Commissioner
121 E. Dallas, Room 207
Canton, Texas 75103

RE: City of Canton Grand Saline Reservoir

Dear Commissioner Phillips,

Please accept this letter as your notice that the City of Canton is making application to the Texas Commission on Environmental Quality to construct a water supply reservoir on Grand Saline Creek.

The proposed reservoir, location reflected on accompanying map, has been identified in the North East Texas Regional Water Planning Group 2021 Regional Water Plan as an alternative strategy to provide additional water supplies for the City of Canton. Excerpts from that Plan are included in with correspondence.

The reservoir will serve as an additional water supply for the City by supplying up to 3,950 acre-feet/year. The construction of this reservoir is a critical need for Canton's drinking water supply to meet future water demands associated with future growth. As we are still in the permitting phase, we do not have an estimated date to begin design or construction.

If you have any questions or request further information, please contact our office at (903) 567-1841 or the project engineer Terry Winn, P.E. at (903) 553-0500.

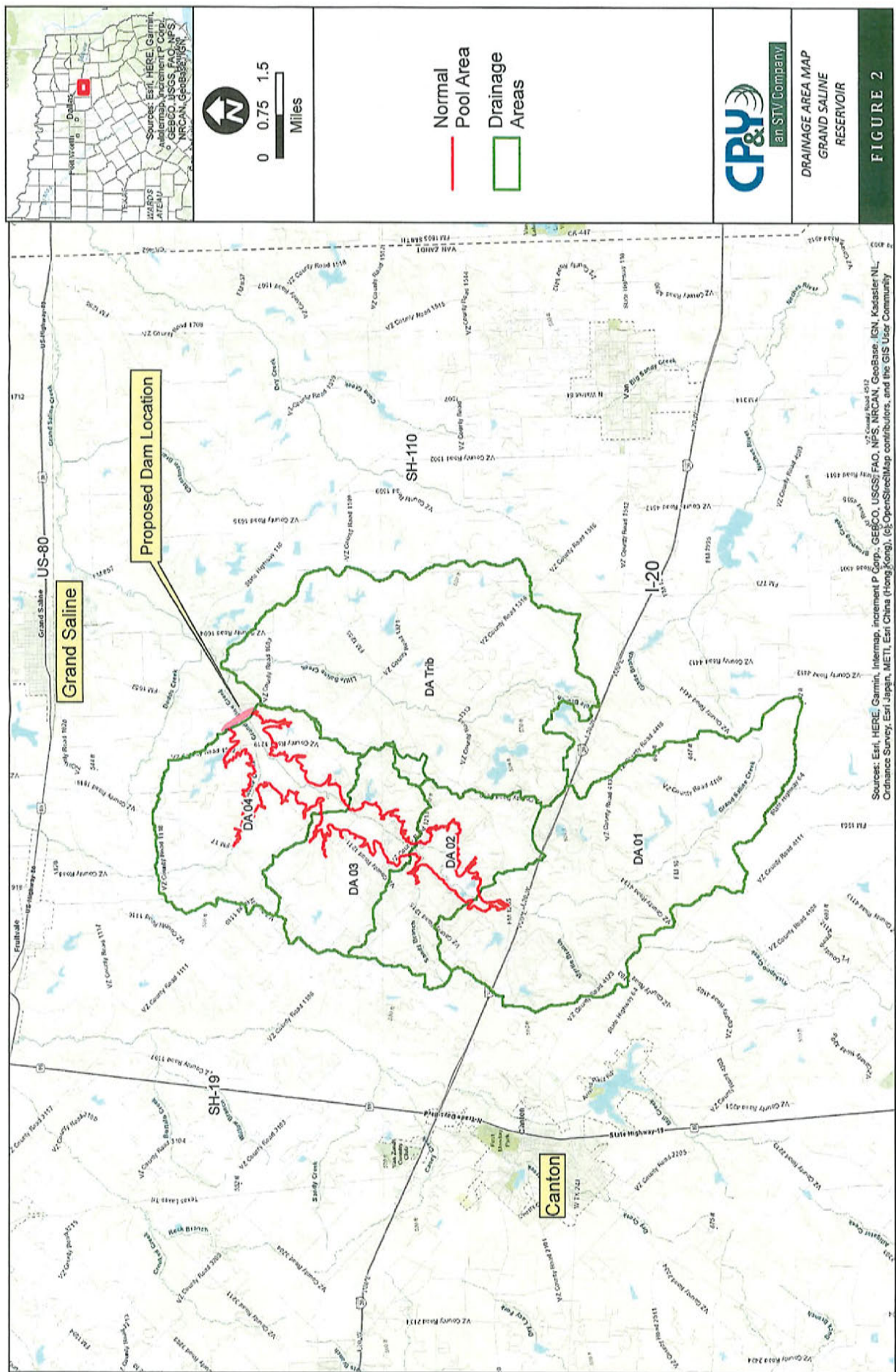
Sincerely,



Lonny Cluck
City Manager

Enclosures: Grand Saline Reservoir - proposed location
Excerpts from the 2020 North East Texas Regional Water Plan

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5.3.21 Van Zandt County

5.3.21.1 The City of Canton

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Description/Discussion of Needs

In 2008, the Canton City council authorized the appropriation of \$70,000 to prepare a long-term water plan. The project evaluated four (4) reservoir sites in Van Zandt County. Two of the four proved to be feasible from a technical standpoint. The City spent an additional \$30,000 in 2009 and 2010 to address questions and provide additional information requested by the committee members. In addition to these two long-term strategies, two additional water wells were included to satisfy short-term needs. These two additional wells have been completed. Additional groundwater supply is a potentially feasible strategy. Water reuse is a potentially feasible water supply strategy, as the City currently has a water rights application pending at the TCEQ for the authorization of indirect reuse. At the previous request of the City of Canton, the construction of an additional water well by 2020 was identified as a feasible strategy because the City of Canton is planning on developing additional groundwater supply to supplement existing supplies. Also at the request of the City, a potential new reservoir on Grand Saline Creek was also considered as a feasible strategy for the City.

Evaluated Strategies

At the request of the City of Canton, the construction of an additional water well by 2020 was identified as a feasible strategy because the City of Canton is planning on developing additional groundwater supply to supplement existing supplies. Costing analyses for this strategy are based on the amount of requested supply, although no need was identified for the present round of planning.

New Reservoir on Grand Saline Creek – The City has identified a feasible strategy to meet future water supply needs as being the construction of a new 1,845 acre (24,980 ac-ft) reservoir on Grand Saline Creek, a tributary of Sabine River. This reservoir project was originally described in a 2008

report from Gary Burton Engineering, Inc. to the City of Canton, entitled Long-Term Water Study Surface Water Supply. The 2008 report identified the project site, reservoir surface area, drainage area, and estimated construction costs for the reservoir, intake structure, transmission pipeline, and water treatment plant expansion.

The construction costs associated with the new reservoir, raw water transmission line, and water treatment plant expansion are based on calculations from the UCM. For the 2021 planning process, the reservoir has been modeled in the Sabine River WAM (Run 3), subject to SB 3 environmental flow criteria at a junior priority date, and modeled considering the full demand of existing water rights in the Sabine River Basin. The results of this WAM analysis indicate the project has a firm yield of 1,810 ac-ft per year. The project is estimated to yield 1,810 ac-ft/yr of supply by constructing a new 24,980 ac-ft reservoir and 14" pipeline to Canton's WTP and expanding the WTP, for a total project cost of \$63 million with an annual cost of \$3.9 million and a unit cost for the additional supply of \$2,152 per ac-ft. with debt service and \$265 per ac-ft without debt service.

Recommendations

The recommended strategy for the City of Canton is to construct by 2020 an additional water well similar to existing wells in the area. The recommended supply source will be the Carrizo-Wilcox Aquifer in the Sabine Basin in Van Zandt County. One well with rated capacity of 180 gpm would provide approximately 100 ac-ft/yr. The Carrizo-Wilcox Aquifer in Van Zandt County is projected to have sufficient supply availability to provide this supply for the planning period.

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Jim Fuller, City Council
Chase Melton, City Council
Cassidy Henderson, City Council
Randon Sumner, City Council
Lonny Cluck, City Manager

201 N. Buffalo
Canton, Texas 75103

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

City of Canton

February 25, 2025

Brandon Barton
Precinct 4 Commissioner
121 E. Dallas, Room 207
Canton, Texas 75103

RE: City of Canton Grand Saline Reservoir

Dear Commissioner Barton,

Please accept this letter as your notice that the City of Canton is making application to the Texas Commission on Environmental Quality to construct a water supply reservoir on Grand Saline Creek.

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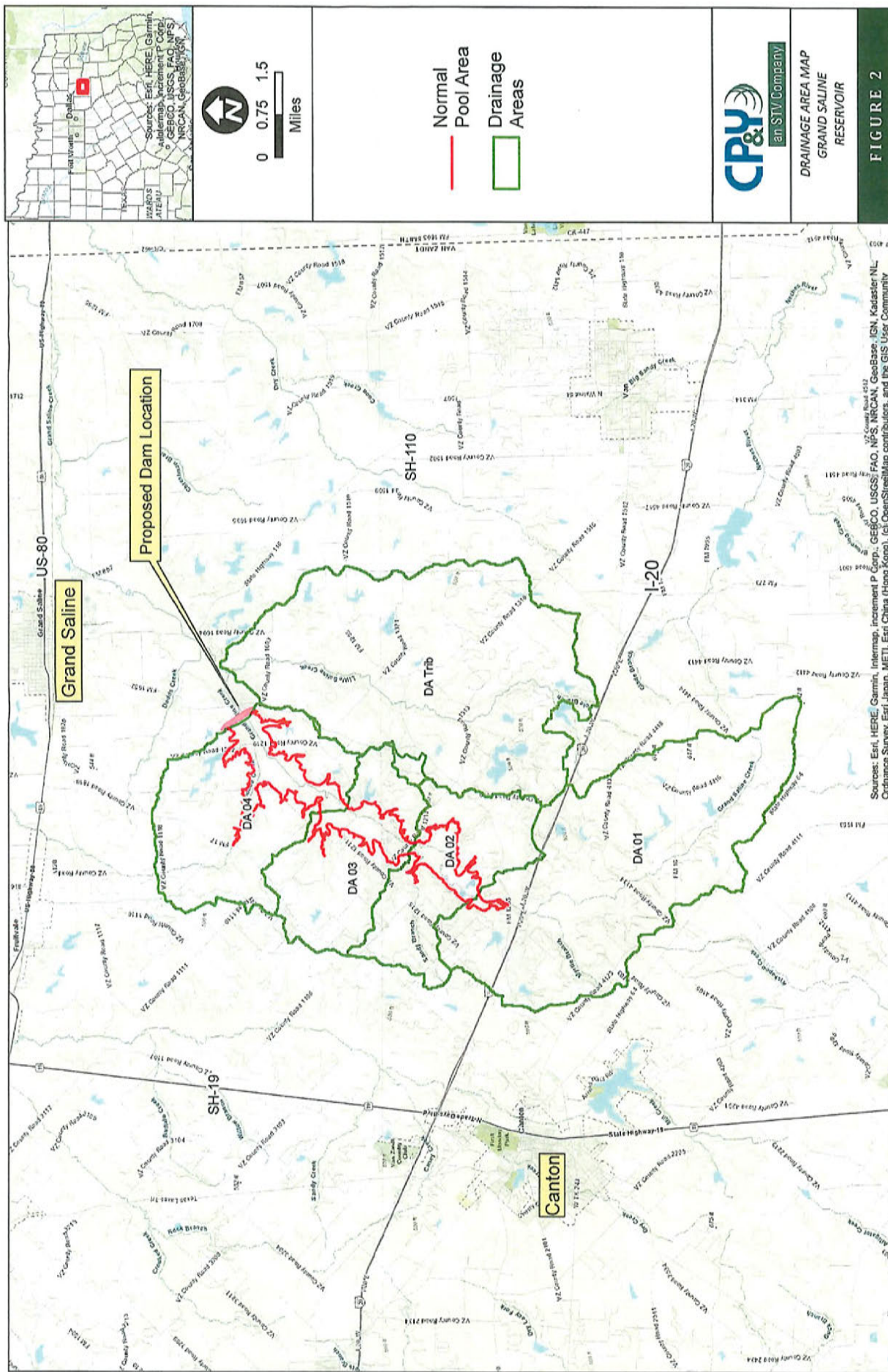
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Lonny Cluck
City Manager

Enclosures: Grand Saline Reservoir - proposed location
Excerpts from the 2020 North East Texas Regional Water Plan

**Home of the World Famous First Monday Trade Days
Begins Thursday Before Each First Monday**



5.3.21 Van Zandt County

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Recommendations

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Canton, Texas 75103

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

City of Canton

February 25, 2025

Honorable Judge Andy Reese
County Judge
121 E. Dallas, Suite 206
Canton, Texas 75103

RE: City of Canton Grand Saline Reservoir

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Lonny Cluck
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Enclosures: Grand Saline Reservoir - proposed location
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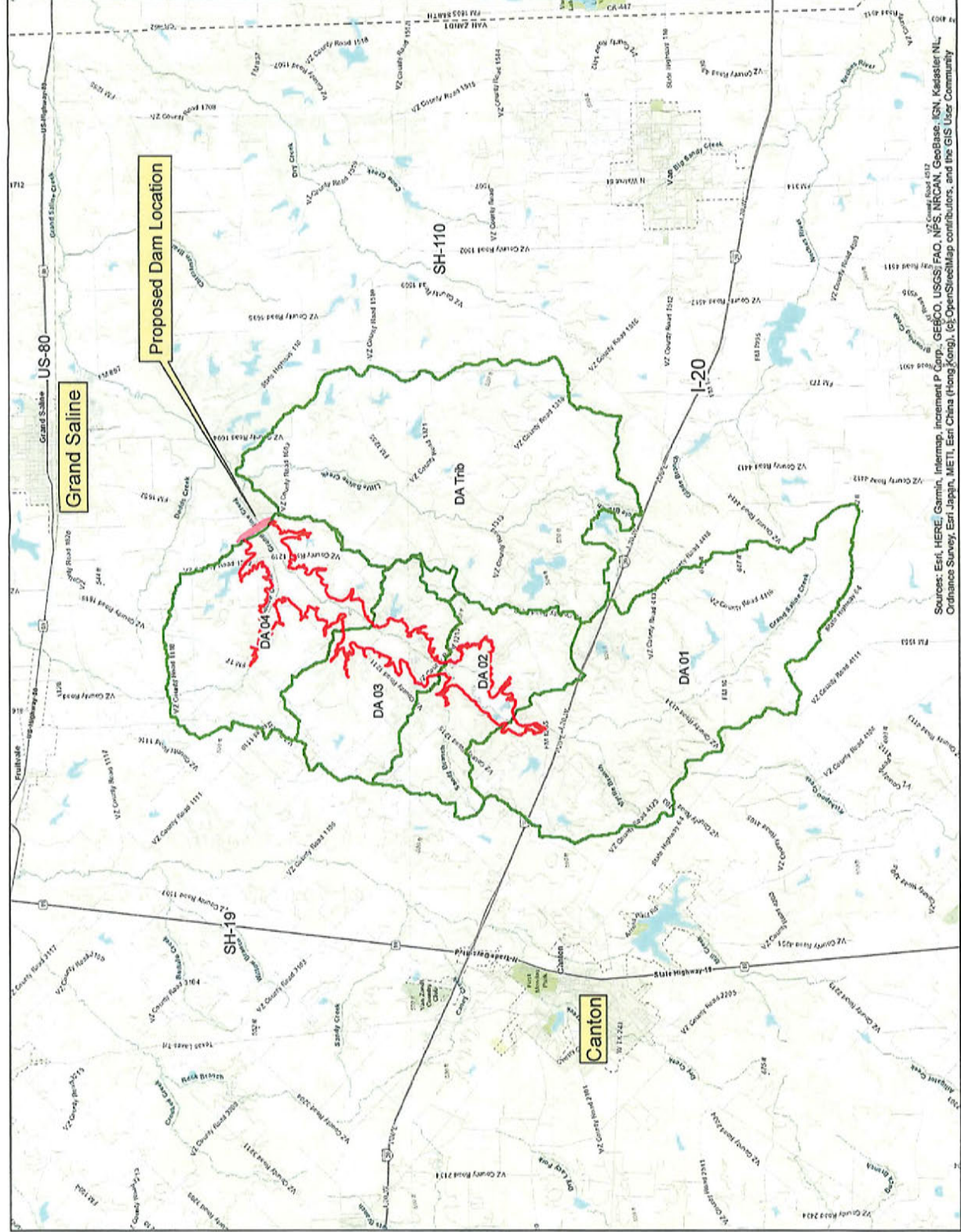


Normal
Pool Area
Drainage
Areas



Drainage Area Map
Grand Saline
Reservoir

FIGURE 2



Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, JGSF, FAO, NPS, NRCAN, GeoBase, IGN, Kaister NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), Swisstopo, DeLorme, NAVTEQ, and the GIS User Community

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201 N. Buffalo
Canton, Texas 75103

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

City of Canton

February 25, 2025

Keegan Caldwell
County Commissioner's Administrator
121 E. Dallas, Room 207
Canton, Texas 75103

RE: City of Canton Grand Saline Reservoir

Dear Mrs. Caldwell,

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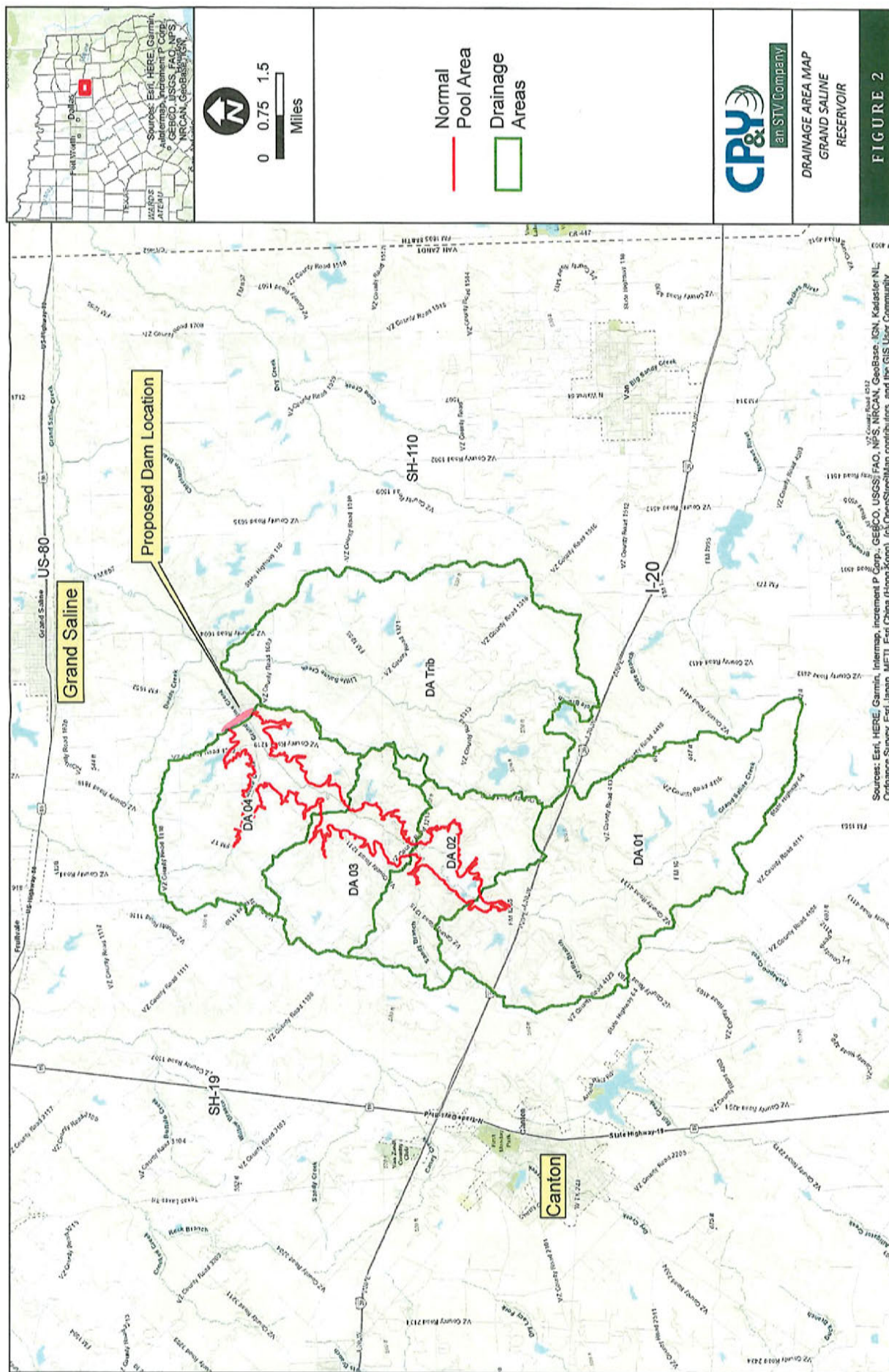
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Canton, Texas 75103

Administration - 903.567.1841
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City of Canton

February 25, 2025

Susan Strickland
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121 E. Dallas, Room 202
Canton, Texas 75103

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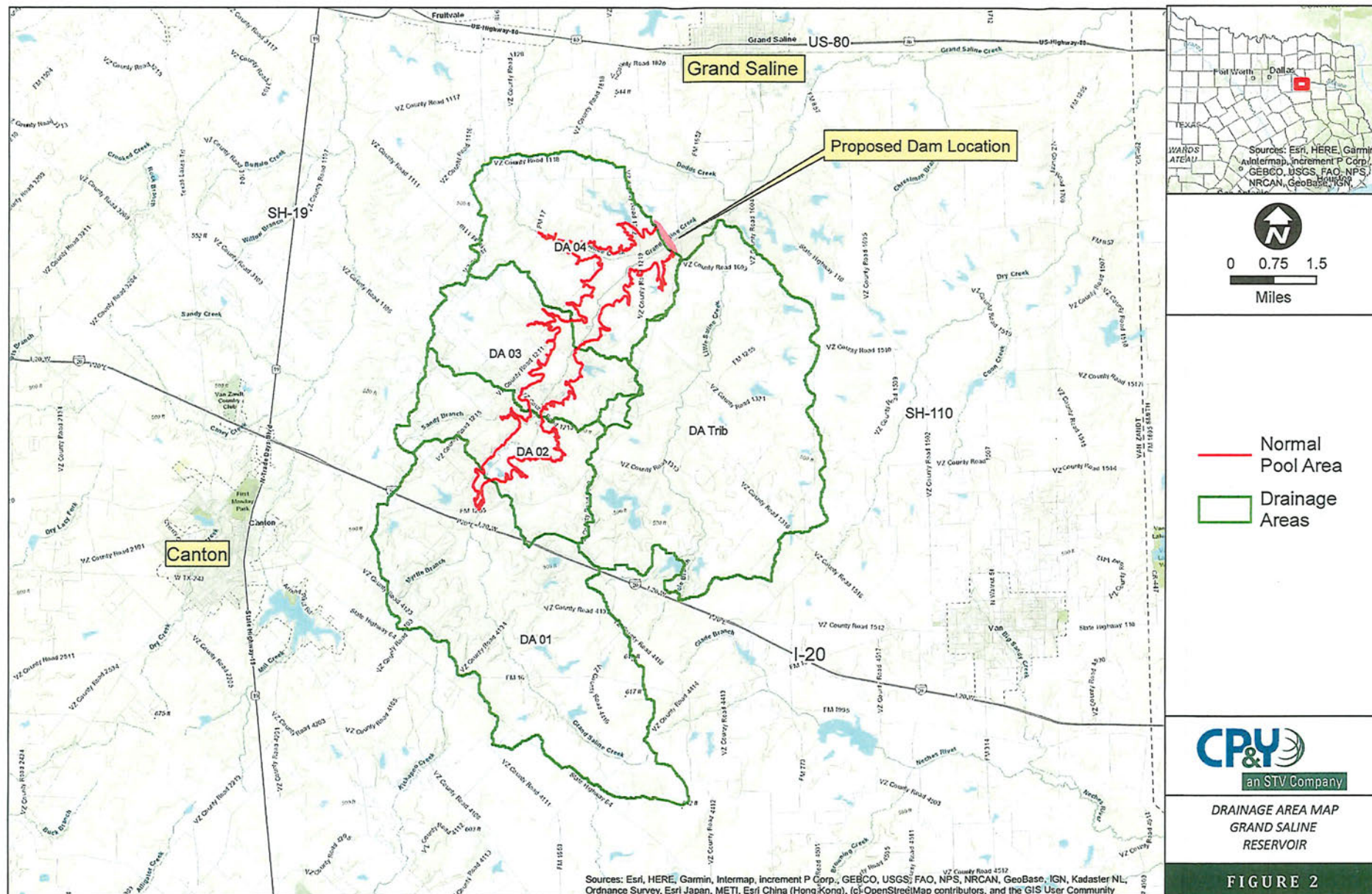
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SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
■ Print your name and address on the reverse so that we can return the card to you.
■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Cliff Williams
Precinct 2 Commissioner
121 E Dallas, Room 207
Canton, TX 75103



9590 9402 8695 3310 4836 44

2. Article Number (Transfer from service label)

1589 0710 5270 1584 9655 91

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

- A. Signature ☒ Agent ☐ Addressee
B. Received by (Printed Name) ☐ Date of Delivery
C. Is delivery address different from item 1? ☐ Yes ☐ No
D. If YES, enter delivery address below:

3. Service Type
☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail (over \$500)

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Mitch Curtis - Precinct 1
Commissioner
121 E Dallas Room 207
Canton, TX 75103



9590 9402 8695 3310 4836 37

2. Article Number (Transfer from service label)

1589 0710 5270 1584 9655 84

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9590 9402 8695 3310 4837 05

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☐ Adult Signature
☐ Adult Signature Restricted Delivery
☒ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Insured Mail (over \$500)

insured Mail Restricted Delivery (over \$500)

Domestic Return Receipt

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Honorable Judge Andy Reese
County Judge
121 E Dallas, Suite 206
Canton, TX 75103



9590 9402 8695 3310 4836 75

2. Article Number (Transfer from service label)

9589 0710 5270 2022 3533 45

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x Kimmell

☒ Agent☐ Addressee

B. Received by (Printed Name)

Kimmell

C. Date of Delivery

2/27

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Keegan Caldwell
County Commissioner's
Administrator
121 E Dallas, Room 207
Canton, TX 75103



9590 9402 8695 3310 4836 82

2. Article Number (Transfer from service label)

9589 0710 5270 2022 3533 38

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x Kimmell

☒ Agent☐ Addressee

B. Received by (Printed Name)

Kimmell

C. Date of Delivery

2/27

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Bobby Phillips
Precinct 3 Commissioner
121 E. Dallas, Room 207
Canton, TX 75103



9590 9402 8695 3310 4836 51

2. Article Number (Transfer from service label)

9589 0710 5270 2022 3534 06

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

x Kimmell

☐ Agent☐ Addressee

B. Received by (Printed Name)

Kimmell

C. Date of Delivery

2/27

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Technical Information Report
Water Rights Permitting
City of Canton – Grand Saline Reservoir
Attachment E -Ownership Acquisition Plan

The proposed Grand Saline Creek Reservoir is estimated to inundate, either partially or entirely, 143 properties according to the current data gathered from the Van Zandt County Appraisal District. The City has evaluated the value of each property to be acquired. It is important to note that there are no residential structures within the proposed footprint and the primary use of the land is agricultural. A map of the inundated properties is provided as Attachment E.

Total acreage affected = 5,615 acres

Total taxable value = \$140,000

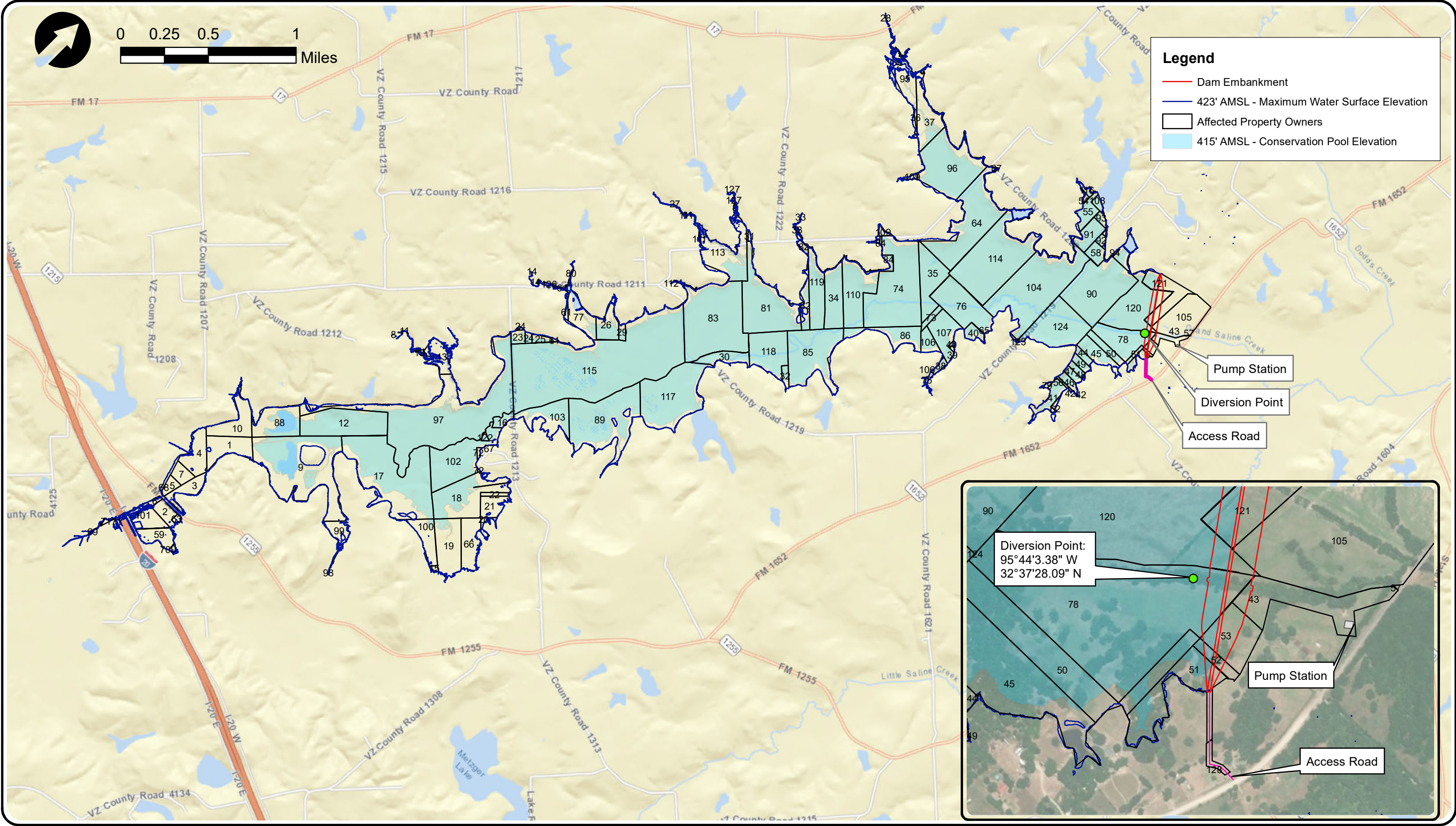
Total market value = \$24,295,050

Total assessed value = \$7,824,710

Total market value per acre = \$4,327.12

Total assessed value per acre = \$ 1,393.64

The City has a long-term plan to purchase the full or partial plots of land within and surrounding the proposed footprint of the reservoir as they become available. This process is estimated to take 20 or more years. The City does not desire to enact the usage of eminent domain, although an impending water crisis would constitute it necessary for “economic development” in accordance with the fifth and fourteenth amendments of the US Constitution.



MARK	REVISION	BY	CKD	DATE



505 Padon St
P.O. BOX 2727
Longview, TX 75601
T: 903-553-0500
F: 903-553-0555
www.cpyi.com
Firm # 1741

DRAWN BY:
REG
DESIGNED BY:
DDS
LATEST REVISION:
02/11/2020
CP&Y JOB NO.:
CCANT1900532

Canton Water Rights Application
Grand Saline Creek Reservoir

PROJECT NAME:

Attachment F1 - Location Map
and Affected Properties

SHEET NAME:

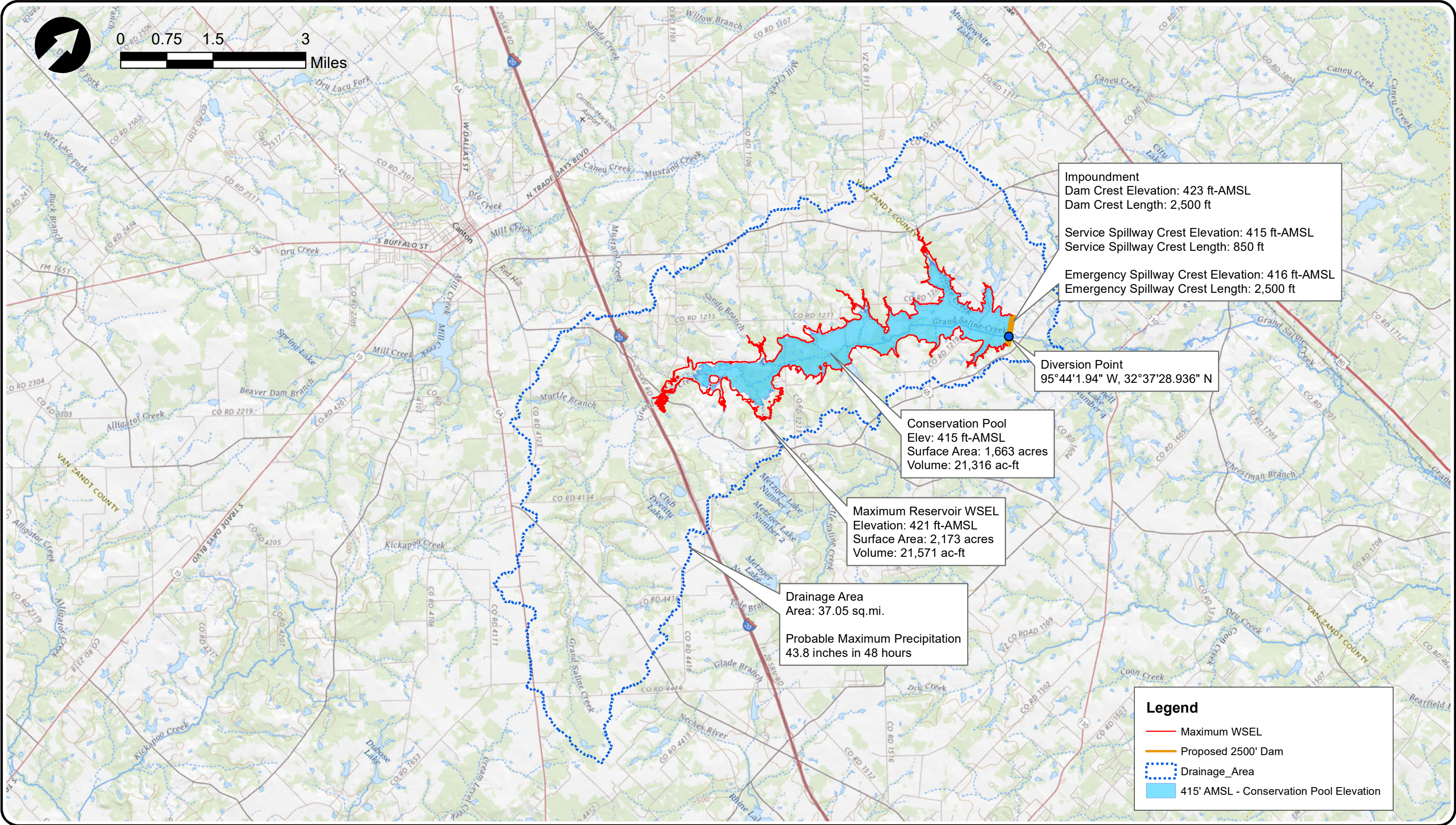
DRAWING SCALE:	
VERTICAL	N/A
HORIZONTAL	AS SHOWN
PLOTTING SCALE:	1:1
FILE NAME:	file name

EXHIBIT NO. 1

1

ID	Prop ID	Owner Name	Area (acres)	Legal Description	Mailing Address				Market Value	Land value	Improvement Value
0	R16890	GAGE GLORIA R; JANE VAUGHN & D ANN DAGEN	42.053	ABST: 643, SUR: POWELL	2101 HUNTERS RDG	CARROLLTON	TX	75006-2809	\$ 158,520.00	\$ 102,830.00	\$ -
1	R2853	WALKER GARY J & CRISTI	73.560	ABST: 132, SUR: E CAREW	13978 FM 1255	CANTON	TX	75103-6223	\$ 252,750.00	\$ 252,750.00	\$ -
2	R6586	HUTSON JANET L	10.403	ABST: 845, SUR: D TOWNS	14403 FM 1255	CANTON	TX	75103-6317	\$ 53,090.00	\$ 810.00	\$ -
3	R6578	REED JOEL R & AMANDA K	6.787	ABST: 845, SUR: D TOWNS	14380 FM 1255	CANTON	TX	75103-6227	\$ 19,100.00	\$ 19,100.00	\$ -
4	R6459	GREER EDWARD C	14.120	ABST: 845, SUR: D TOWNS, LAWRENCE & EDNA GREER LIFE ESTATE	PO BOX 252	CANTON	TX	75103-0252	\$ 61,810.00	\$ 1,600.00	\$ -
5	R6453	GREER EDWARD C	6.050	ABST: 845, SUR: D TOWNS, LAWRENCE & EDNA GREER LIFE ESTATE	PO BOX 252	CANTON	TX	75103-0252	\$ 29,570.00	\$ 470.00	\$ -
6	R6583	THEMER DONALD P & VIVIAN	2.283	ABST: 845, SUR: D TOWNS	PO BOX 731	FORNEY	TX	75126-0731	\$ 4,930.00	\$ 4,930.00	\$ -
7	R6454	GREER EDWARD C	7.050	ABST: 845, SUR: D TOWNS, LAWRENCE & EDNA GREER LIFE ESTATE	PO BOX 252	CANTON	TX	75103-0252	\$ 34,460.00	\$ 550.00	\$ -
8	R2795	NELSON LARRY A & AMY D	16.560	ABST: 132, SUR: E CAREW	102 VZ COUNTY ROAD 1211	CANTON	TX	75103-6531	\$ 83,190.00	\$ 1,290.00	\$ -
9	R15486	REID THURMAN	186.710	ABST: 132 & 467, SUR: E CAREW & LANDERS, 2 TRS COM	13716 FM 1255	CANTON	TX	75103-6220	\$ 536,610.00	\$ 93,650.00	\$ 64,160.00
10	R2826	CHANEY STEVEN M	62.500	ABST: 132, SUR: E CAREW; J CECIL CHANEY LIFE ESTATE	1391 E US HIGHWAY 175	KAUFMAN	TX	75142-8833	\$ 224,390.00	\$ 6,630.00	\$ -
11	R2797	JAMISON CHRISTOPHER L & KIMBERLY	21.398	ABST: 132, SUR: E CAREW, 2 TRS COMB	202 VZ COUNTY ROAD 1211	CANTON	TX	75103-6533	\$ 116,970.00	\$ 23,100.00	\$ 21,430.00
12	R2873	REID THURMAN	44.750	ABST: 132, SUR: E CAREW	13716 FM 1255	CANTON	TX	75103-6220	\$ 112,150.00	\$ 5,060.00	\$ -
13	R2794	NUCKOLLS RONALD R & ELAINE	152.240	ABST: 132, SUR: E CAREW	614 VZ COUNTY ROAD 1211	CANTON	TX	75103-6536	\$ 667,370.00	\$ 72,100.00	\$ 48,410.00
14	R2788	CUNNINGHAM ALBERT E & DEBRA S	54.220	ABST: 132, SUR: E CAREW	2532 VZ COUNTY ROAD 4134	CANTON	TX	75103-5989	\$ 213,440.00	\$ 6,130.00	\$ -
15	R16290	COPELAND ELLA RENEE	27.000	ABST: 467, SUR: LEVI LANDERS, FERN VEAZEY LIFE ESTATE	12838 FM 1255	CANTON	TX	75103-6215	\$ 98,010.00	\$ 4,410.00	\$ 1,360.00
16	R15467	RUDDER GORDON & DONNA	3.380	ABST: 132, SUR: E CAREW	381 PVT RD 6606	MABANK	TX	75147	\$ 32,370.00	\$ 32,370.00	\$ -
17	R15487	REID THURMAN	118.900	ABST: 132, SUR: E CAREW	13716 FM 1255	CANTON	TX	75103-6220	\$ 284,180.00	\$ 13,440.00	\$ -
18	R15452	BUSCH JOHN L & SHERYL	52.170	ABST: 132, SUR: E CAREW	1589 VZ COUNTY ROAD 1213	CANTON	TX	75103-6557	\$ 187,770.00	\$ 5,080.00	\$ 1,010.00
19	R103302	BIGGS RHONDA G	53.790	ABST: 467, SUR: L LANDERS	3118 TIMBERVIEW RD	DALLAS	TX	75229-5845	\$ 192,560.00	\$ 6,080.00	\$ -
20	R15770	JONES LOUISE & WILLIAM HALE	73.000	ABST: 259, SUR: W FITZHUGH	1003 AVON ST	DALLAS	TX	75211-2304	\$ 261,320.00	\$ 8,250.00	\$ -
21	R15464	HERRING EVELYN L	18.720	ABST: 132, SUR: E CAREW	993 VZ COUNTY ROAD 1213	CANTON	TX	75103-6554	\$ 78,150.00	\$ 2,120.00	\$ -
22	R15496	HERRING EVELYN L	4.470	ABST: 132, SUR: E CAREW	993 VZ COUNTY ROAD 1213	CANTON	TX	75103-6554	\$ 18,660.00	\$ 510.00	\$ -
23	R2836	WOOD CO ELECTRIC COOP	4.000	ABST: 132, SUR: E CAREW	PO BOX 1827	QUITMAN	TX	75783-2827	\$ 33,820.00	\$ 33,820.00	\$ -
24	R2834	CANNON LAVADA	13.472	ABST: 132, SUR: E CAREW, 2 TRS COMB	2392 VZ COUNTY ROAD 1213	CANTON	TX	75103-6559	\$ 74,180.00	\$ 74,180.00	\$ 2,380.00
25	R103310	PALKO HILDA GAY REVOCABLE LIVING TRUST	20.000	ABST: 132, SUR: E CAREW	11705 EAGLE ROCK AVE NE	ALBUQUERQUE	NM	87122-4121	\$ 87,550.00	\$ 2,260.00	\$ -
26	R2841	SWAINBANK TIFFANI & DONALD E	23.840	ABST: 132, SUR: E CAREW	PO BOX 727	CANTON	TX	75103-0727	\$ 108,320.00	\$ 8,120.00	\$ 5,780.00
27	R2871	UGONE KEITH R	10.000	ABST: 132, SUR: E CAREW, COMB W/016.0132.0654.0000.0000 FOR 2016 PT OF 119.86 AC	11253 FM 17	GRAND SALINE	TX	75140-4338	\$ 33,000.00	\$ 1,100.00	\$ -
28	R14943	ROGERS CLIFFORD L & RHONDA	49.940	ABST: 5, SUR: W C ANDERSON	1009 NATIVE TRL	ROCKWALL	TX	75032-5948	\$ 199,230.00	\$ 8,270.00	\$ 2,630.00
29	R2843	COSSEY WENDELL L & THERESE	7.820	ABST: 132, SUR: E CAREW	1358 VZ COUNTY ROAD 1211	CANTON	TX	75103-6542	\$ 184,770.00	\$ 184,770.00	\$ 121,390.00
30	R15456	CARTER COIS RANDALL	13.770	ABST: 132, SUR: CAREW	931 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4765	\$ 285,220.00	\$ 209,940.00	\$ 210,710.00
31	R17898	MASSEY DALE A & SHERRY	6.620	BLK.; LOT: 10, ADDN: OAK LAWN ESTATE	5109 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4649	\$ 26,490.00	\$ 750.00	\$ -
32	R47171	SHOWALTER BARTON E & ELIZABETH	12.988	ABST: 493, SUR: C A LOVEJOY	5610 MERCEDES AVE	DALLAS	TX	75206-5824	\$ 42,770.00	\$ 42,770.00	\$ -
33	R16489	HARPER DANIEL S	77.340	ABST: 494, SUR: C A LOVEJOY	103 RESOLUTE LN	ROCKWALL	TX	75032-8444	\$ 287,260.00	\$ 9,940.00	\$ 1,200.00
34	R16480	RITCHIE DONALD P	35.000	ABST: 494, SUR: C A LOVEJOY MARY ANN RITCHIE LIFE ESTATE	PO BOX 6147	TYLER	TX	75711-6147	\$ 91,420.00	\$ 2,730.00	\$ -
35	R17811	EASLEY RICHARD C & LINDA	21.200	ABST: 1057, SUR: M EVERETT	3908 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4642	\$ 61,380.00	\$ 2,400.00	\$ -
36	R106553	SCHAEFFER RICHARD P & JANET	52.890	ABST: 5, SUR: W C ANDERSON	PO BOX 1119	CANTON	TX	75103-7119	\$ 794,850.00	\$ 618,140.00	\$ 607,240.00
37	R16283	WHITE FRED J	1.000	ABST: 457, SUR: J Y KUYKENDALL, SER# K57214D	9318 COUNTY ROAD 353	TERRELL	TX	75161-6206	\$ 2,760.00	\$ 2,760.00	\$ -
38	R15820	MEALS GEORGE R	11.000	ABST: 275, SUR: B FLOWERS, 4 TRS COMB	2233 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4759	\$ 65,910.00	\$ 1,240.00	\$ -
39	R15815	VICKERS RICHARD & LANA	1.580	ABST: 275, SUR: FLOWERS	2553 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4761	\$ 6,600.00	\$ 180.00	\$ -
40	R15813	VICKERS RICHARD & LANA	32.430	ABST: 275, SUR: B FLOWERS	2553 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4761	\$ 136,960.00	\$ 5,250.00	\$ 1,580.00
41	R15558	CHATHAM VAN & FRANCES & MYRON & JENNIFER THOMAS	57.190	ABST: 151 & 275, SUR: J CONNER & B FLOWERS	240 PVT RD 5222	GRAND SALINE	TX	75140	\$ 212,610.00	\$ 7,540.00	\$ 1,080.00
42	R15566	ORTEGA BRENDA LUNSFORD	8.770	ABST: 151 & 982, SUR: J CONNOR &, D K YOUNG	318 N JESTER AVE	DALLAS	TX	75211-2972	\$ 24,160.00	\$ 24,160.00	\$ -
43	R17011	HYDE C D & KATHY	8.872	ABST: 689, SUR: J C PAYNE	2844 FM 1652	GRAND SALINE	TX	75140-4692	\$ 26,960.00	\$ 690.00	\$ -
44	R17704	EVANS CATHRINE D	8.770	ABST: 982, SUR: D K YOUNG	147 VZ COUNTY ROAD 1201	GRAND SALINE	TX	75140-4833	\$ 126,940.00	\$ 125,230.00	\$ 67,070.00
45	R17700	WALDNER RODNEY R	17.538	ABST: 982, SUR: D K YOUNG,	3294 FM 1652	GRAND SALINE	TX	75140-4698	\$ 157,240.00	\$ 157,240.00	\$ 66,990.00
46	R15567	HOCUTT MABLE DARLENE	8.770	ABST: 151, SUR: J CONNOR, 2 TR COMB	4800 SEAWALL BLVD APT A12	GALVESTON	TX	77551-7921	\$ 53,680.00	\$ 53,680.00	\$ -
47	R15568	MC CLANAHAN JOHN W JR & TREASA	8.772	ABST: 151 & 982, SUR: J CONNOR & D K, YOUNG	3276 FM 1652	GRAND SALINE	TX	75140-4698	\$ 56,700.00	\$ 56,700.00	\$ -
48	R17703	LUNSFORD BUDDY D	8.772	ABST: 982 & 151, SUR: D K YOUNG & J, CONNER	3264 FM 1652	GRAND SALINE	TX	75140-4698	\$ 88,280.00	\$ 88,280.00	\$ 30,580.00
49	R15571	SWAIN MICHAEL R & JANICE G	8.770	ABST: 151 & 982, SURV: J CONNOR & DK YOUNG	105 VZ COUNTY ROAD 1201	GRAND SALINE	TX	75140-4833	\$ 103,200.00	\$ 102,040.00	\$ 47,700.00
50	R17139	HYDE C D	14.280	ABST: 775, SUR: J W SANSOM	2844 FM 1652	GRAND SALINE	TX	75140-4692	\$ 51,120.00	\$ 1,610.00	\$ -
51	R17708	HYDE C D	15.470	ABST: 982, SUR: D K YOUNG	2844 FM 1652	GRAND SALINE	TX	75140-4692	\$ 55,380.00	\$ 1,750.00	\$ -
52	R17707	HYDE C D	1.120	ABST: 982, SUR: D K YOUNG	2844 FM 1652	GRAND SALINE	TX	75140-4692	\$ 105,020.00	\$ 94,180.00	\$ 97,130.00
53	R17706	HYDE C D & KATHY	5.430	ABST: 982, SUR: D K YOUNG	2844 FM 1652	GRAND SALINE	TX	75140-4692	\$ 19,150.00	\$ 420.00	\$ -
54	R15582	MARSHALL JOB P & PAULA	44.440	ABST: 152, SUR: J CONNOR	3050 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4878	\$ 232,260.00	\$ 30,130.00	\$ 25,110.00
55	R17152	BLANCHARD GREGORY D	13.580	ABST: 775, SUR: J W SANSOM, 3 TRS COMB	PO BOX 521	CANTON	TX	75103-0521	\$ 59,920.00	\$ 1,060.00	\$ -
56			0.000						\$ -	\$ -	\$ -
57			0.000						\$ -	\$ -	\$ -
58	R17140	LAND MICHAEL & JANETTE	6.760	ABST: 775, SUR: J W SANSOM	2551 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4639	\$ 83,750.00	\$ 41,450.00	\$ 40,690.00
59	R101936	GARCIA JUAN	17.690	ABST: 643, SUR: W R POWELL	3909 MICAN DR	DALLAS	TX	75212-1230	\$ 93,560.00	\$ 83,210.00	\$ -
60	R104143	EASLEY BRANDY	5.000	ABST: 152, SUR: J CONNOR,REAL PROP	3269 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4871	\$ 108,880.00	\$ 84,840.00	\$ 75,270.00
61	R2838	PALKO CARL W & LINDA	20.000	ABST: 132, SUR: E CAREW	11705 EAGLE ROCK AVE NE	ALBUQUERQUE	NM	87122-4121	\$ 87,550.00	\$ 2,260.00	\$ -
62	R104575	OLIVER CLAUDIA ANN	4.499	ABST: 151, SUR: J CONNOR	3452 FM 1652	GRAND SALINE	TX	75140-4702	\$ 177,320.00	\$ 129,750.00	\$ 131,990.00
63	R106034	HUTSON JANET L	3.238	ABST: 845, SUR: D TOWNS	14403 FM 1255	CANTON	TX	75103-6317	\$ 294,460.00	\$ 283,220.00	\$ 271,940.00
64	R15581	EASLEY RICHARD C & LINDA	91.500	ABST: 152, SUR: J CONNOR	3908 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4642	\$ 268,070.00	\$ 13,490.00	\$ 3,150.00
65	R107056	VICKERS RICHARD & LANA	0.869	ABST: 275, SUR: B FLOWERS	2553 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4761	\$ 9,020.00	\$ 100.00	\$ -

ID	Prop ID	Owner Name	Area (acres)	Legal Description	Mailing Address				Market Value	Land value	Improvement Value
66	R16298	MORGAN JIMMIE F & JOLENE	52.590	ABST: 467, SUR: L LANDERS	3973 FM 1652	GRAND SALINE	TX	75140-4713	\$ 188,260.00	\$ 5,940.00	\$ -
67	R108008	GRYZIECKI CHASE M	1.000	ABST: 132, SUR: E CAREW, CORR BOUGHT HOUSE SEE R15484	1553 VZ COUNTY ROAD 1213	CANTON	TX	75103-6557	\$ 9,500.00	\$ 9,500.00	\$ -
68	R6452	GREER GARRY M	1.000	ABST: 845, SUR: D TOWNS	PO BOX 252	CANTON	TX	75103-0252	\$ 20,600.00	\$ 20,600.00	\$ 5,810.00
69	R16874	REID MELISSA TRUST	119.000	ABST: 643, SUR: W R POWELL	1316 MORaine PL	HEATH	TX	75032-8902	\$ 355,260.00	\$ 84,290.00	\$ 70,840.00
70	R47499	WARD EDWARD L III & ROSE ANN	0.853	ABST: 643, SUR: W R POWELL, VLB# 381-143528, COMB W/046.0643.0210.0003.0000 FOR 2017	12712 I-20	CANTON	TX	75103	\$ 5,320.00	\$ 90.00	\$ -
71	R100802	LEWIS HENRY	26.360	ABST: 845, SUR: D TOWNS	385 W DALLAS ST	CANTON	TX	75103-1323	\$ 100,440.00	\$ 2,060.00	\$ -
72	R15481	PEARCE NORMA	11.070	ABST: 132, SUR: E CAREW	1241 VZ COUNTY ROAD 1213	CANTON	TX	75103-6556	\$ 56,270.00	\$ 1,250.00	\$ -
73	R16446	LADD TERI & ALAN	1.000	ABST: 493, SUR: C A LOVEJOY	PO BOX 626	SCURRY	TX	75158-0626	\$ 30,450.00	\$ 30,450.00	\$ 23,110.00
74	R16484	EASLEY RICHARD C & LINDA	78.000	ABST: 494, SUR: C A LOVEJOY	3908 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4642	\$ 225,840.00	\$ 8,810.00	\$ -
75	R15819	SAYERS DONALD L	2.000	ABST: 275, SUR: B FLOWERS	2103 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4757	\$ 20,370.00	\$ 20,370.00	\$ 2,470.00
76	R15811	NEWTON MERLE & SANDI	40.380	ABST: 275 & 1075, SUR: B FLOWERS & M EVERETT	2603 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4763	\$ 158,960.00	\$ 4,560.00	\$ -
77	R2839	ADAMS BILLY R & MARY LOU	31.690	ABST: 132, SUR: E CAREW	1216 VZ COUNTY ROAD 1211	CANTON	TX	75103-6539	\$ 113,130.00	\$ 14,070.00	\$ 10,490.00
78	R17137	HYDE C D & KATHY	16.850	ABST: 775, SUR: J W SANSOM	2844 FM 1652	GRAND SALINE	TX	75140-4692	\$ 64,330.00	\$ 1,900.00	\$ -
79	R15817	TAYLOR ROBERT F	27.650	ABST: 275, SUR: B FLOWERS	2556 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4760	\$ 123,770.00	\$ 35,240.00	\$ 25,800.00
80	R2793	MATHIS COY W	26.510	ABST: 132, SUR: E CAREW	2025 NOTTINGHAM DR	KAUFMAN	TX	75142-9580	\$ 122,660.00	\$ 3,000.00	\$ -
81	R4537	RITCHIE DONALD P	92.870	ABST: 494 & 132, SUR: C A LOVEJOY & E CAREW	PO BOX 6147	TYLER	TX	75711-6147	\$ 256,780.00	\$ 9,660.00	\$ 2,420.00
82	R16478	RITCHIE DONALD P	29.790	ABST: 494, SUR: C A LOVEJOY	PO BOX 6147	TYLER	TX	75711-6147	\$ 78,330.00	\$ 2,840.00	\$ 520.00
83	R2739	ALLEN STEVEN G & BRENDA	123.000	ABST: 132, SUR: E CAREW, 3 TRS COMB	908 SUMNER DR	MESQUITE	TX	75149-7512	\$ 387,430.00	\$ 13,900.00	\$ -
84	R57521	EASLEY RICHARD M & LORIANNA	5.000	ABST: 494, SUR: C A LOVEJOY	4101 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4868	\$ 251,750.00	\$ 214,010.00	\$ 215,140.00
85	R16469	SHOWALTER BARTON E & ELIZABETH	103.450	ABST: 493, SUR: C A LOVEJOY	5610 MERCEDES AVE	DALLAS	TX	75206-5824	\$ 543,280.00	\$ 290,630.00	\$ 272,100.00
86	R16446	LADD TERI & ALAN	1.000	ABST: 493, SUR: C A LOVEJOY	PO BOX 626	SCURRY	TX	75158-0626	\$ 30,450.00	\$ 30,450.00	\$ 23,110.00
87	R15580	RODGERS MARGARET	46.000	ABST: 152, SUR: J CONNOR	1304 PURDUE ST	JACKSONVILLE	TX	75766-5240	\$ 198,270.00	\$ 4,360.00	\$ 770.00
88	R2857	SORRELLS DANNY	75.920	ABST: 132, SUR: E CAREW	P O BOX 380512	DALLAS	TX	75336-0512	\$ 276,900.00	\$ 11,080.00	\$ 2,740.00
89	R15476	HAMILTON GAYLANN & INA	109.900	ABST: 132, SUR: E CAREW	137 E FORK RD	SUNNYVALE	TX	75182-9603	\$ 417,160.00	\$ 186,420.00	\$ 165,890.00
90	R15400	GILMER JOSEPH H & JANE	64.560	ABST: 77 & 777, SUR: P S BENTON & JW SANSOM	581 VZ COUNTY ROAD 1226	GRAND SALINE	TX	75140-4829	\$ 216,260.00	\$ 7,810.00	\$ 510.00
91	R17153	BLANCHARD GREGORY D	12.450	ABST: 775, SUR: J W SANSOM	PO BOX 521	CANTON	TX	75103-0521	\$ 54,940.00	\$ 970.00	\$ -
92	R17143	LAND MICHAEL & JANETTE	1.000	ABST: 775, SUR: J W SANSOM	2551 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4639	\$ 128,220.00	\$ 128,220.00	\$ 115,850.00
93	R55051	STEGER JOHN A & JUDY	3.000	ABST: 775, SUR: J W SANSOM	2450 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4636	\$ 29,580.00	\$ 930.00	\$ 590.00
94	R17147	LAND MICHAEL & JANETTE	3.070	ABST: 775, SUR: J W SANSOM	2551 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4639	\$ 18,790.00	\$ 350.00	\$ -
95	R14950	FULLER JOHN IRA	68.400	ABST: 5, SUR: W C ANDERSON, 2 TRS COMB	PO BOX 176	GRAND SALINE	TX	75140-0176	\$ 122,430.00	\$ 7,730.00	\$ -
96	R16286	PIERCE D W	119.000	ABST: 457, SUR: J Y KUYKENDALL	231 VZ COUNTY ROAD 1223	GRAND SALINE	TX	75140-4663	\$ 330,890.00	\$ 15,970.00	\$ 2,520.00
97	R2850	WARREN MARY ANN	353.730	ABST: 132, SUR: E CAREW	9010 RAMSEY ST	LINDEN	NC	28356-8922	\$ 946,810.00	\$ 47,750.00	\$ 9,530.00
98	R16325	REINS JEFF & SUE	12.910	ABST: 467, SUR: L LANDERS	13346 FM 1255	CANTON	TX	75103-6218	\$ 71,390.00	\$ 7,150.00	\$ 4,370.00
99	R16329	REID THURMAN	79.000	ABST: 467, SUR: L LANDERS	13716 FM 1255	CANTON	TX	75103-6220	\$ 206,760.00	\$ 8,930.00	\$ -
100	R16293	COPELAND ELLA RENEE	33.330	ABST: 467, SUR: L LANDERS, FERN VEAZEY LIFE ESTATE	12838 FM 1255	CANTON	TX	75103-6215	\$ 119,310.00	\$ 3,770.00	\$ -
101	R6455	FEARS PATSY GAIL	17.300	ABST: 845, SUR: D TOWNS	560 VZ COUNTY ROAD 3710	EDGEWOOD	TX	75117-4256	\$ 80,040.00	\$ 1,960.00	\$ -
102	R15483	HAMMOND PATRICIA FAMILY TRUST	57.900	ABST: 132, SUR: E CAREW	551 HERITAGE CT	CANTON	TX	75103-8387	\$ 214,380.00	\$ 31,500.00	\$ 26,670.00
103	R15475	BUSCH JOHN L & SHERYL	59.280	ABST: 132, SUR: E CAREW	1589 VZ COUNTY ROAD 1213	CANTON	TX	75103-6557	\$ 526,380.00	\$ 328,920.00	\$ 322,280.00
104	R15398	MELTON L RANCH REVOCABLE TRUST DTD	106.450	ABST: 77, SUR: P S BENTON	12749 FM 17	GRAND SALINE	TX	75140-4211	\$ 200,170.00	\$ 15,820.00	\$ 5,770.00
105	R17000	PITTMAN DEBBIE & LARRY	41.471	ABST: 689 & 775, SUR: J C PAYNE &, J W SANSOM	2344 FM 1652	GRAND SALINE	TX	75140-4690	\$ 173,120.00	\$ 4,690.00	\$ -
106	R15823	PEARCE ERICKI	16.855	ABST: 275, SUR: B FLOWERS	2123 VZ COUNTY ROAD 1219	GRAND SALINE	TX	75140-4757	\$ 272,830.00	\$ 202,870.00	\$ 194,460.00
107	R15824	LADD ALAN T & TERI	35.830	ABST: 275, SUR: B FLOWERS	PO BOX 626	SCURRY	TX	75158-0626	\$ 153,840.00	\$ 4,050.00	\$ -
108	R17154	STEGER JOHN A & JUDY	1.000	ABST: 775, SUR: J W SANSOM	2450 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4636	\$ 100,800.00	\$ 94,310.00	\$ 89,800.00
109	R16485	EASLEY LINDA	147.922	ABST: 494, SUR: C A LOVEJOY	3908 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4642	\$ 431,990.00	\$ 20,430.00	\$ 3,710.00
110	R16482	SURRATT JULIE TAYLOR	68.000	ABST: 494, SUR: C A LOVEJOY	19640 DOVE RIDGE LN	LINDALE	TX	75771-2446	\$ 243,420.00	\$ 7,680.00	\$ -
111	R2865	HARVEY JOHNNY P	31.220	ABST: 132, SUR: E CAREW	1859 VZ COUNTY ROAD 1211	CANTON	TX	75103-6610	\$ 259,080.00	\$ 134,480.00	\$ 116,430.00
112	R2849	HANSEN DAVID & TWYLA	3.570	ABST: 132, SUR: E CAREW	201 VZ COUNTY ROAD 1219	CANTON	TX	75103-6607	\$ 115,400.00	\$ 115,400.00	\$ 78,830.00
113	R2867	MELTON L RANCH REVOCABLE TRUST DTD	78.770	ABST: 132, SUR: E CAREW, 2 TRS COMB	12749 FM 17	GRAND SALINE	TX	75140-4211	\$ 153,790.00	\$ 8,240.00	\$ -
114	R15397	PARKER G W	100.000	ABST: 77, SUR: P S BENTON	521 SPRINGCREEK RD	GRAND SALINE	TX	75140-1942	\$ 261,210.00	\$ 11,300.00	\$ -
115	R2833	ESTEES FAMILY LIMITED PARTNERSHIP	212.900	ABST: 132, SUR: E CAREW	5315 S DENTWOOD DR	DALLAS	TX	75220-2255	\$ 376,630.00	\$ 24,060.00	\$ -
116	R51672	RLJEM FAMILY INVESTMENT LLC	152.390	ABST: 152, SUR: J CONNOR	5818 MELSHIRE DR	DALLAS	TX	75230	\$ 768,600.00	\$ 52,310.00	\$ 36,840.00
117	R15461	ESTEES FAMILY LIMITED PARTNERSHIP	252.900	ABST: 132, SUR: E CAREW	5315 S DENTWOOD DR	DALLAS	TX	75220-2255	\$ 1,672,830.00	\$ 1,196,470.00	\$ 1,156,100.00
118	R16448	DORETY FAMILY LTD PARTNERSHIP	63.260	ABST: 493, SUR: C A LOVEJOY, WALTER DORETY LIFE EST	325 SPRINGBROOK CT	GRAPEVINE	TX	76051-5191	\$ 231,970.00	\$ 7,150.00	\$ -
119	R16481	RITCHIE DONALD P	35.000	ABST: 494, SUR: C A LOVEJOY	PO BOX 6147	TYLER	TX	75711-6147	\$ 91,420.00	\$ 2,730.00	\$ -
120	R17145	SWAIN SAMMY	116.470	ABST: 775, SUR: J W SANSOM	2371 VZ COUNTY ROAD 1222	GRAND SALINE	TX	75140-4635	\$ 341,620.00	\$ 17,560.00	\$ 4,400.00
121	R100847	LOWDERMILK DAVID & KATHLEEN	86.000	ABST: 689; 688 & 775, SUR: J C PAYNE &, J W SANSOM	2238 FM 1652	GRAND SALINE	TX	75140-4688	\$ 309,390.00	\$ 63,180.00	\$ 47,560.00
122			0.000						\$ -	\$ -	\$ -
123			0.000						\$ -	\$ -	\$ -
124			0.000						\$ -	\$ -	\$ -
125	R2791	STROJEK MICHAEL T	20.500	ABST: 132, SUR: E CAREW	1015 VZ COUNTY ROAD 1211	CANTON	TX	75103-6538	\$ 99,640.00	\$ 9,670.00	\$ 7,350.00
126	R2791	STROJEK MICHAEL T	20.500	ABST: 132, SUR: E CAREW	1015 VZ COUNTY ROAD 1211	CANTON	TX	75103-6538	\$ 99,640.00	\$ 9,670.00	\$ 7,350.00
127	R2869	FAUBER LAWRENCE M III & CARMELA L	10.000	ABST: 132, SUR: E CAREW,	206 STONEGATE LN	SUNNYVALE	TX	75182-2616	\$ 30,360.00	\$ 1,130.00	\$ -
128	R106172	LEMUS REGINO	2.428	ABST: 982, SUR: D K YOUNG	3150 FM 1652	GRAND SALINE	TX	75140	\$ 21,150.00	\$ 21,150.00	\$ -



MARK	REVISION	BY	CKD	DATE



505 Padon St
P.O. BOX 2727
Longview, TX 75601
T: 903-553-0500
F: 903-553-0555
www.cpyi.com
Firm # 1741

DRAWN BY:
REG
DESIGNED BY:
DDS
LATEST REVISION:
02/11/2020
CP&Y JOB NO.:
CCANT1900532

Canton Water Rights Application
Grand Saline Creek Reservoir

PROJECT NAME:

Attachment F2 - Proposed Dam & Reservoir

SHEET NAME:

DRAWING SCALE:	
VERTICAL	N/A
HORIZONTAL	AS SHOWN
PLOTTING SCALE:	1:1
FILE NAME:	file name

EXHIBIT NO. 1

2

Technical Information Report
Water Rights Permitting
City of Canton – Grand Saline Reservoir
Attachment G – Water Conservation Plan

Water Conservation Plan 2019

Section I: Declaration of Policy, Purpose, and Intent

The purpose of the Water Conservation Plan is to promote the wise and responsible use of water by (1) implementing structural programs that result in quantifiable water conservation results, (2) developing, maintaining, and enforcing water conservation policies and ordinances, and (3) supporting public education programs that educate customers about water and wastewater facilities operations, water quantity and quality, and water conservation.

Section II: Utility Profile

See Exhibit 1 for the Utility Profile as required by 30 TAC §288.2 (a)(1)A.

Population: Canton's current population is estimated to be 3713. It is projected to increase to 4,453 by 2025 at a 3.7% growth rate.

Customer Data and Water Use Data: Canton's water customers are categorized as either residential (80%) or commercial (20%). Residential includes both single and multi-family. Schools are categorized as commercial.

Water Supply System Data: Canton's primary source of water is from the Mill Creek Reservoir located in the City of Canton. The surface water treatment plant was constructed in 1986 and has a design capacity of 2.17 MGD. Canton has three groundwater wells. Well No. 4 has a capacity of 180 GPM and is located on State Highway 19 approximately 800 feet south of State Highway 243. Well No. 5 has a capacity of 365 GPM and is located at the Surface Water Treatment Plant on Arnold Paul Rd. Well No. 6 has a capacity of 176 GPM and is located behind the police station on SH64 E.

The City of Canton intends to construct an additional surface water supply source on Grand Saline Creek to meet the projected water demand associated with the growth of a metropolitan suburb. This reservoir will supply 3,950 acre-feet per year, or 3.5 MGD. This water will be treated at the existing surface water treatment plant on Mill Creek Reservoir.

Wastewater System Data: Canton's wastewater system serves approximately 85% of the water system customers. The wastewater treatment plant process is activated sludge operated in the single stage nitrification mode and has a design capacity of 1.3 MGD.

Section III: Water Conservation Goals

The goals of the water conservation plan are to reduce the per capita consumption of water. The 5 year goal is a 2.5% reduction in per capita water consumption (or 195 gpcd). The 10 year goal is a 5% reduction in the per capita consumption of water (or 190 gpcd). The 5 and 10 year water conservation targets shall be addressed by any wholesale water supply contract in the future, as required by 30 TAC §288.2 (2)C.

	Historic 5yr Average	Baseline	5-yr Goal for Year 2025	10-yr Goal for Year 2030
Total, GPCD	210	205	195	190
Residential, GPCD	161	110	95	90
Water Loss, GPCD	97	14	10	8
Water Loss, %	28	7	5	4

Section IV: Metering Devices

The City of Canton has a master meter at the surface water treatment plant and master meters in place at each of the well heads to measure and account for the amount of water diverted from the source of supply. It is Canton's policy to purchase meters with an accuracy of plus or minus 5.0% as required by 30 TAC §288.2 (a)(1)D.

Section V: Universal Metering

It is Canton's policy to individually meter all water usage, except for fire protection, including all new construction within the city limits. Canton's meter replacement and repair schedule is as follows:

<u>Meter Type</u>	<u>Replacement/Rebuild Period</u>
Master Meter	Meters are tested/calibrated at least annually and replaced/rebuilt as necessary
Two-inch and larger	Meters are tested at least annually and replaced/rebuilt as necessary
One-inch and smaller	Meters are tested at least every 10 years and replaced/rebuilt as necessary

Section VI: Measures to Determine and Control Unaccounted-For Uses of Water

It is Canton's policy to investigate customer complaints of low pressure and possible leaks, to visually inspect suspected leaks and to track water delivery to customers. The City of Canton has a leak detection, repair and water loss accounting program as described in Section XI of this plan.

Section VII: Water Conservation Public Education and Information Program

As part of the City's effort to educate the public regarding water conservation the City will mail the water conservation flyer with the water bill once a year (see Exhibit 2).

Section VIII: Water Rate Structure

The City of Canton has adopted a water rate structure which is cost-based and which does not encourage the excessive use of water. The current rate structure has been included as Exhibit 3.

Section IX: Enforcement Procedure and Plan Adoption

The City of Canton has jurisdiction for enforcement by ordinance power. The City of Canton ordinance indicating official adoption of the water conservation plan is included in Exhibit 4.

Section X: Coordination with the Regional Water Planning Group

The service area of the City of Canton is located within the Northeast Texas Region (Region D) and the City of Canton has provided a copy of the water conservation plan to the Northeast Texas Region.

Section XI: Program for Leak Detection, Repair, and Water Loss Accounting

Leak Detection and Repair:

City crews and personnel will look for and report evidence of leaks in the water distribution system. Meter readers are asked to watch for and report signs of illegal connections, so they can be addressed quickly. Areas of the water distribution system in which numerous leaks and line breaks occur are targeted for replacement as funds are available

Water Loss Accounting:

The City of Canton staff compares monthly master meter measurements with monthly water usage based on meter readings (i.e. water sales) to identify water loss. This information is used to evaluate the integrity of the water distribution system.

Section XII: Record Management System

The City of Canton maintains current records of the water pumped, water sales, and water losses which allows for the segregation of water sales and uses into the following user classes: residential and commercial.

Section XIII: Plan Review and Update

The City of Canton will review and update its water conservation plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information from the regional water planning district.

Section XIV: Severability

It is hereby to be the intention of Canton that the sections, paragraphs, sentences, clauses, and phrases of this Plan are severable and if, any phrase, clause, sentence, paragraph or section shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs or sections of this Plan, since the same would not have been enacted by Canton without the incorporation into this Plan of any such unconstitutional phrase, clause, sentence, paragraph or section.

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Fill out this form as completely as possible.
If a field does not apply to your entity, leave it blank.

CONTACT INFORMATION

Name of Utility: City of Canton

Public Water Supply Identification Number (PWS ID): 2340001

Certificate of Convenience and Necessity (CCN) Number: 11315

Surface Water Right ID Number: C4675, ADJ4675

Wastewater ID Number: _____

Completed By: Walter "Terry" Winn, Jr., P.E. Title: Project Engineer

Address: 505 Padon St City: Longview Zip Code: 75601

[REDACTED] Telephone Number: 903-553-0500

Date: 04/06/2020

Regional Water Planning Group: D [Map](#)

Groundwater Conservation District: N/A [Map](#)

Check all that apply:

- ☐ Received financial assistance of \$500,000 or more from TWDB
- ☐ Have 3,300 or more retail connections
- ☒ Have a surface water right with TCEQ

Section I: Utility Data

A. Population and Service Area Data

1. Current service area size in square miles: 24
(Attach or email a copy of the service area map.)
2. Provide 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 Service
2019	3,896	0	3,896
2018	3,757	0	3,757
2017	3,716	0	3,716
2016	3,672	0	3,672
2015	3,578	0	3,578

3. Provide the 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 Service
2020	4,040	0	4,040
2030	5,810	0	5,810
2040	8,356	0	8,356
2050	12,016	0	12,016
2060	17,280	0	17,280

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

The historical population is based on the US Census Bureau's ACS 5-Year Estimates Data Profile. The projected population is based upon a 3.7% growth rate.

B. System Input

Provide system input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Self-supplied Water in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2019	310,700,000	0	0	310,700,000	218
2018	386,530,000	0	0	386,530,000	282
2017	394,801,000	0	0	394,801,000	291
2016	348,600,000	0	0	348,600,000	260
2015	363,525,000	0	0	363,525,000	278
Historic 5-year Average	360,831,200	0	0	360,831,200	266

C. Water Supply System (Attach description of water system)

- Designed daily capacity of system 2,590,000 gallons per day.
- Storage Capacity:
Elevated 750,000 gallons
Ground 1,200,000 gallons
- List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
Mill Creek Reservoir	Surface	192,550,000
Well #4 - SH 19	Ground	26,220,000
Well #5 - WTP	Ground	44,100,000
Well #6 - SH 64	Ground	47,830,000
	Choose One	
	Choose One	

*Select one of the following source types: *Surface water, Groundwater, or Contract*

- If surface water is a source type, do you recycle backwash to the head of the plant?
☐ Yes _____ estimated gallons per day
☒ No

D. Projected Demands

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

Year	Population	Water Demands (gallons)
2020	3,713	306,326,368
2021	3,851	317,660,443
2022	3,993	329,413,880
2023	4,141	341,602,193
2024	4,294	354,241,474
2025	4,453	367,348,409
2026	4,618	380,940,300
2027	4,789	395,035,091
2028	4,966	409,651,389
2029	5,150	424,808,491

2. Describe sources of data and how projected water demands were determined. Attach additional sheets if necessary.

TWDB Region C 2016 Regional Water Plan uses a water usage average of 226 gpcd. The population was multiplied by 226 to get gpd and multiplied by 365 days to get total demand per year in gallons.

E. High Volume Customers

1. List the annual water use, in gallons, for the five highest volume **RETAIL customers**. Select one of the following water use categories to describe the customer; choose Residential, Industrial, Commercial, Institutional, or Agricultural.

Retail Customer	Water Use Category*	Annual Water Use	Treated or Raw
VZC Justice Center	Commercial	5,458,000	Treated
Splash Kingdom Water Park	Commercial	4,182,500	Treated
Mill Creek Ranch RV Park	Commercial	2,674,100	Treated
Canton Oaks	Commercial	2,094,400	Treated
Walmart	Commercial	1,417,900	Treated

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

2. If applicable, list the annual water use for the five highest volume **WHOLESALE customers**. Select one of the following water use categories to describe the customer; choose Municipal, Industrial, Commercial, Institutional, or Agricultural. Not Applicable

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
N/A	Choose One		Choose One
	Choose One		Choose One
	Choose One		Choose One
	Choose One		Choose One
	Choose One		Choose One

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

F. Utility Data Comment Section

Provide additional comments about utility data below.

Section II: System Data

A. Retail Connections

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

Water Use Category*	Active Retail Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Residential – Single Family	1,717	0	1,717	74%
Residential – Multi-family (units)	39	0	39	2%
Industrial			0	0%
Commercial	559	0	559	24%
Institutional			0	0%
Agricultural			0	0%
TOTAL	2,315	0	2,315	

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

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

Water Use Category*	Net Number of New Retail Connections				
	2019	2018	2017	2016	2015
Residential – Single Family	4	31	28	25	21
Residential – Multi-family (units)	1	6	4	2	0
Industrial					
Commercial	3	10	9	8	0
Institutional					
Agricultural					
TOTAL	8	47	41	35	21

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use.](#)

B. Accounting Data

For the previous five years, enter the number of gallons of RETAIL water provided in each major water use category.

Water Use Category*	Total Gallons of Retail Water				
	2019	2018	2017	2016	2015
Residential - Single Family	82,053,307	94,452,000	119,040,000	113,946,000	104,306,000
Residential – Multi-family	13,017,049	14,298,000	13,832,000	14,799,000	7,590,000
Industrial					
Commercial	89,459,362	92,490,000	98,197,000	91,971,000	94,331,000
Institutional					
Agricultural					
TOTAL	184,529,718	201,240,000	231,069,000	220,716,000	206,227,000

*For definitions on recommended customer categories for classifying customer water use, refer to the online [Guidance and Methodology for Reporting on Water Conservation and Water Use](#).

C. Residential Water Use

For the previous five years, enter the residential GPCD for single family and multi-family units.

Water Use Category*	Residential GPCD				
	2019	2018	2017	2016	2015
Residential - Single Family	23	26	33	32	29
Residential – Multi-family	0	4	4	4	2

D. Annual and Seasonal Water Use

- For the previous five years, enter the gallons of treated water provided to RETAIL customers.

Month	Total Gallons of Treated Retail Water				
	2019	2018	2017	2016	2015
January	25,370,000	19,734,000	18,610,000	26,030,000	21,470,000
February	21,050,000	16,900,000	16,430,000	24,220,000	19,850,000
March	24,710,000	21,690,000	20,910,000	29,060,000	21,810,000
April	23,540,000	21,760,000	21,191,000	27,780,000	24,120,000
May	25,650,000	27,600,000	21,434,000	22,550,000	23,940,000
June	22,780,000	32,340,000	23,230,000	26,830,000	27,180,000
July	34,940,000	28,270,000	25,360,000	39,330,000	37,940,000
August	35,680,000	27,070,000	24,330,000	36,110,000	39,360,000
September	24,670,000	22,340,000	27,550,000	28,200,000	35,340,000
October	22,160,000	16,710,000	24,500,000	26,450,000	33,280,000
November	19,310,000	27,450,000	20,980,000	21,760,000	26,010,000
December	19,570,000	21,830,000	19,140,000	31,320,000	26,930,000
TOTAL	299,430,000	283,694,000	263,665,000	339,640,000	337,230,000

2. For the previous five years, enter the gallons of raw water provided to RETAIL customers.

Month	Total Gallons of Raw Retail Water				
	2019	2018	2017	2016	2015
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.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2019	2018	2017	2016	2015	
Summer Retail (Treated + Raw)	93,400,000	87,680,000	72,920,000	102,270,000	104,480,000	92,150,000 5yr Average
TOTAL Retail (Treated + Raw)	299,430,000	283,694,000	263,665,000	339,640,000	337,230,000	304,731,800 5yr Average

E. Water Loss

Provide Water Loss data for the previous five years.

Water Loss GPCD = [Total Water Loss in Gallons ÷ Permanent Population Served] ÷ 365

Water Loss Percentage = [Total Water Loss ÷ Total System Input] x 100

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2019	34,901,000	25	11%
2018	2,454,000	2	1%
2017	2,596,000	2	1%
2016	39,014,000	29	11%
2015	49,496,000	38	14%
5-year average	25,692,200	19	7%

F. Peak Water Use

Provide the 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)
2019	687,981	1,035,833	1.51
2018	626,476	956,667	1.53
2017	594,141	945,333	1.59
2016	718,392	1,024,167	1.43
2015	685,723	1,057,500	1.54

G. Summary of Historic Water Use

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	102,759,461	74%	0%
Residential MF	12,707,210	2%	0%
Industrial	0	0%	0%
Commercial	93,289,672	24%	0%
Institutional	0	0%	0%
Agricultural	0	0%	0%

H. System Data Comment Section

Provide additional comments about system data below.

Section III: Wastewater System Data

If you do not provide wastewater system services then you have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

A. Wastewater System Data (Attach a description of your wastewater system.)

- Design capacity of wastewater treatment plant(s): 1,300,000
gallons per day.
- List the active wastewater connections by major water use category.

Water Use Category*	Active Wastewater Connections			
	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal	0	1,756	1,756	76%
Industrial	0	0	0	0%
Commercial	0	559	559	24%
Institutional	0	0	0	0%
Agricultural	0	0	0	0%
TOTAL	0	2,315	2,315	

- What percent of water is serviced by the wastewater system? 100%
- For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2019	2018	2017	2016	2015
January	34,665,000	18,612,000	27,849,000	27,602,000	25,372,000
February	27,815,000	25,195,000	23,533,000	20,562,000	23,494,000
March	29,998,000	22,929,000	27,111,000	30,245,000	32,146,000
April	29,999,000	16,800,000	25,668,000	29,005,000	34,515,000
May	40,600,000	22,797,000	24,458,000	25,226,000	35,562,000
June	25,951,000	23,920,000	26,469,000	24,783,000	26,948,000
July	24,099,000	26,500,000	19,359,000	21,877,000	20,124,000
August	25,867,000	22,874,000	26,334,000	24,015,000	20,879,000
September	25,353,000	21,947,000	22,478,000	20,977,000	19,568,000
October	28,816,000	28,854,000	20,847,000	21,187,000	29,986,000
November	26,984,000	31,573,000	19,005,000	24,358,000	32,916,000
December	28,184,000	34,978,000	17,987,000	24,174,000	39,324,000
TOTAL	348,331,000	296,979,000	281,098,000	294,011,000	340,834,000

4. Can treated wastewater be substituted for potable water?

☐

Yes

☒

No

B. Reuse Data

1. Provide data on the types of recycling and reuse activities implemented during the current reporting period.

Type of Reuse	Total Annual Volume (in gallons)
On-site irrigation	
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	24,199,000
Agricultural	
Discharge to surface water	
Evaporation pond	
Other	
TOTAL	24,199,000

C. Wastewater System Data Comment

Provide additional comments about wastewater system data below.

You have completed the Utility Profile. Save and Print this form to submit with your Plan. Continue with the [Water Conservation Plan Checklist](#) to complete your Water Conservation Plan.

Technical Information Report
Water Rights Permitting
City of Canton – Grand Saline Reservoir
Attachment H – Drought Contingency Plan

Drought Contingency Plan

The City of Canton has adopted a Drought Contingency Plan that allows the City to restrict water use during droughts or other uncontrollable circumstances. Until the completion of the Grand Saline Creek Reservoir, the plan will be triggered by Mill Creek lake levels or by major equipment failure to any of the City's water production facilities.

Section I: Declaration of Policy, Purpose, and Intent

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 Canton hereby adopts the following regulations and restrictions on the delivery and consumption of water.

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

Section II: Public Involvement

Opportunity for public to provide input into the preparation of the Plan was provided by the City of Canton by means of public notice of public meeting.

Section III: Public Education

The City of Canton will periodically provide the public with information about the Plan, including information about the conditions under which each state of the Plan is to initiate or terminate and the drought response measure to be implemented in each state. This information will be provided by means of web page, handouts, and pamphlets.

Section IV: Coordination with Regional Water Planning Groups

The service area of the City of Canton is located within the Northeast Texas Region (Region D) and the City of Canton has provided a copy of the Plan to the Northeast Texas Region.

Section V: Authorization

The City Manager or his/her designee is hereby authorized and directed to implement the applicable provisions of the Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The City Manager or his/her designee shall have the

authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan.

Section VI: Application

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

Section VII: Definitions

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

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

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 further alternative uses.

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

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.

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

Landscape irrigation use: Water that is 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.

Non-essential water use: Water uses that are neither 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 the 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 fire fighting.

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

Section VIII: Criteria for Initiation and Termination of Drought Response Stages

The City Manager or his/her designee shall monitor Mill Creek lake levels on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan. Public notification of the initiation or termination of drought response stages shall be by means of publication in a newspaper of general circulation.

The triggering criteria described below are based on historic monthly water usage and worst case lake evaporation records.

A. Stage 1 – Mild Water Shortage Conditions

Requirements for initiation – Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section VII- Definitions, when the lake level drops below the elevation 490.8 ft.

Requirements for termination – Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days.

B. Stage 2 – Moderate Water Shortage Conditions

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section VII of this Plan when the lake level drops below the elevation 489.6 ft.

Requirements for termination – Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

C. **Stage 3** – Severe Water Shortage Condition

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan when the lake level drops below the elevation 488.6 ft.

Requirements for termination – Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

D. **Stage 4** – Critical Water Shortage Conditions

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 4 of the Plan when the lake level drops below the elevation 487.7 ft.

Requirements for termination – Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days. Upon termination of Stage 4, Stage 3 becomes operative.

E. **Stage 5** – Emergency Water Shortage Conditions

Requirements for initiation – Customers shall be required to comply with the requirements and restrictions for Stage 5 of this Plan when the City Manager or his/her designee determines that a water supply emergency exists based on:

Major water line breaks or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or

Natural or man – made contamination of the water supply resource(s).

Requirements for termination – Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days.

F. **Stage 6** - Water Rationing

Requirements for initiation – Customers shall be required to comply with the water allocation plan prescribed in Section X of this Plan and comply with the requirements and restrictions for Stage 5 of this Plan when the City Manager or his/her designee determines that the water shortage conditions threaten public health, safety, and welfare.

Requirements for termination – Water rationing may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 7 consecutive days.

Section IX. Drought Response Stages

The City Manager or his/her designee shall monitor lake levels on a daily basis and, in accordance with the triggering criteria set forth in Section VII of the Plan, shall determine that a mild, moderate, severe, critical, or emergency condition exists and shall implement the following actions upon publication of notice in a newspaper of general circulation:

A. Stage 1 Response - Mild Water Shortage Conditions

Goal: Achieve a voluntary 10 percent reduction in daily water use.

a) Voluntary Water Use Restrictions:

Water customers are requested to voluntarily limit the irrigation landscaped areas to even number days for customers with street address ending in an even number (0, 2, 4, 6, or 8), and odd numbered days for water customers with a street address ending in an odd number (1, 3, 5, 7, or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.

- b)** All operators of the City of Canton shall adhere to water use restrictions prescribed for Stage 2 of the Plan.
- c)** Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

B. Stage 2 Response – Moderate Water Shortage Conditions

Goal: Reduce daily water usage to 1.0 MGD (Including the Surface Water Treatment Plant and Water Wells 1 & 2)

Reduce raw water intake consumption at the Surface Water Plant to 0.70 MGD

- a) Water Use Restrictions – Under threat of penalty for violation, the following water use restrictions shall apply to all persons:**
 - a.** Irrigation of landscaped areas shall be limited to even numbered days for customers with a street address ending in an even number (0, 2, 4, 6, or 8), and odd numbered days for water customers with a street address ending in an odd number (1, 3, 5, 7, or 9), and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days. However, irrigation of landscaped areas is permitted at anytime if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons for less, or drip irrigation system.
 - b.** Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle

for quick rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing. Such as, garbage trucks and vehicles used to transport food and perishables.

- c. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight.
- d. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- e. 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 designated for fire hydrants for construction purposes may be allowed under special permit from the City of Canton.
- f. Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. However, if the golf course utilizes a water source other than potable water that is provided by the City of Canton, the facility shall not be subject to these regulations.
- g. The following uses of water are defined as non-essential and are prohibited:
 - 1. Wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas.
 - 2. Use of water to wash down buildings or structures for purpose other than immediate fire protection.
 - 3. Use of water for dust control.
 - 4. Flushing gutters or permitting water to run or accumulate in any gutter or street
 - 5. Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

C. **Stage 3** Response – Severe Water Shortage Conditions

Goal: Reduce daily water usage to 0.70 MGD (Including the Surface Water Treatment Plant and Water Wells 1 & 2)

Reduce raw water intake consumption at the Surface Water Plant to 0.40 MGD

Water Use Restrictions – All requirements of Stage 2 shall remain in effect during Stage 2 except:

- a) Irrigation of landscaped areas shall be limited to odd-even watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight.
- b) The watering of golf course tees is prohibited unless the golf course utilized a water source other than potable water provided by the City of Canton.
- c) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.
- d) All restaurants are prohibited from serving water to its patrons except when requested.

D. Stage 4 Response – Critical Water Shortage Conditions

Goal: Reduce daily water usage to 0.50 MGD (Including the Surface Water Treatment Plant and Water Wells 1 & 2)

Reduce raw water intake consumption at the Surface Water Plant to 0.20 MGD

Water Use Restrictions – All requirements of Stage 2 and 3 shall remain in effect during Stage 4 except:

- a) Irrigation of landscaped areas shall be limited to odd-even watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose-end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.
- b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash or commercial service station and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10:00 p.m.
- c) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is prohibited.
- d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with recirculation system.
- e) No applications for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be allowed or approved.

E. Stage 5 Response – Emergency Water Shortage Conditions

Goal: Reduce daily water usage to 0.40 MGD from Well No. 1 and Well No. 2.

Reduce raw water intake consumption at the Surface Water Plant to 0.0 MGD

Water Use Restrictions – All requirements of Stage 2, 3, and 4 shall remain in effect during Stage 5 except:

- a) Irrigation of landscaped areas is absolutely prohibited.
- b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

F. Stage 6 Response - Water Rationing

In the event that water shortage conditions threaten public health, safety, and welfare, the City Manager is hereby authorized to ration water according to the following water allocation plan:

a) Single – Family Residential Customers

The allocation to residential water customers residing in a single – family dwelling shall be as follows:

Persons Per Household	Gallons per Month
1 or 2	6,000
3 or 4	7,000
5 or 6	8,000
7 or 8	9,000
9 or 10	10,000
11 or more	12,000

“Household” means the residential premises served the customer’s meter. “Persons per household” include only those persons currently physically residing at the premises and expected to reside there for the entire billing period. It shall be assumed that a particular customer’s household is comprised of two (2) person unless the customers notifies the City of Canton of a greater number of persons per household on a form prescribed by the City Manager. The City Manager shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every residential customer. If, however, a customer does not receive such a form, it shall be the customer’s responsibility to go to the City of Canton offices to complete and sign the form claiming more than two (2) persons per household. New customers may claim more persons per household at the time of applying for water service on the form prescribed by the City of Canton. When the number of person per household increases

so as to place the customer in a different allocation category, the customer may notify the City of Canton on such form and the change will be implemented in the next practicable billing period. If the number of person in a household is reduced, the customer shall notify the City of Canton in writing within two (2) days. In prescribing the method for claiming more than two (2) persons per household, the City Manager shall adopt methods to insure the accuracy of the claim. Any persons who knowingly, recklessly, or with criminal negligence falsely reports the number of person in a household or fails to timely notify the City of Canton of a reduction in the number of persons in a household shall be fined not less than \$100.00. Residential water customers shall pay the following surcharges:

\$5 for the first 1,000 gallons over allocation

\$10 for the second 1,000 gallons over allocation

\$15 for the third 1,000 gallons over allocation

\$20 for each additional 1,000 gallons over allocation

Surcharges shall be cumulative.

b) Master – Metered Multi – Family Residential Customers

The allocation to a customer billed from a master meter which jointly measures water to multiple permanent residential dwelling units (e.g., apartments, mobile homes) shall be allocated 6,000 gallons per month for each dwelling unit. It shall be assumed that such a customer's meter serves two dwelling units unless the customer notifies the City of Canton of a greater number on a form prescribed by the City Manager. The City Manager shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every such customer. If, however, a customer does not receive such a form, it shall be the customer's responsibility to go to the City of Canton offices to complete and sign the form claiming more than two (2) dwellings. A dwelling may be claimed under this provision whether it is occupied or not. New customers may claim more dwelling units at the time of applying for water service on the form prescribed by the City Manager. If the number of dwelling units served by a master meter is reduced, the customer shall notify the City of Canton in writing within two (2) days. In prescribing the method for claiming more than two (2) dwelling units, the city Manager shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of dwellings units served by a master meter or fails to timely notify the city of Canton of a reduction in the number of occupied dwelling units shall be fined not less than \$100. Customers billed from a master meter under this provision shall pay the following monthly surcharges:

\$5 for 1,000 gallons over allocation up through 1,000 gallons for each dwelling unit

\$10, thereafter, for each additional 1,000 gallons over allocation up through a second 1,000 gallons for each dwelling unit

\$15, thereafter, for each additional 1,000 gallons over allocation up through a third 1,000 gallons for each dwelling unit

\$20, thereafter, for each additional 1,000 gallons over allocation

Surcharges shall be cumulative.

c) Commercial Customers

A monthly water usage allocation shall be established by the City of Canton, or his/her designee, for each nonresidential commercial customer other than an industrial customer who uses water for processing purposes. The non – residential customer's allocation shall be approximately seventy-five (75%) percent of the customer's usage for corresponding month's billing period for the previous 12 months. If the customer's billing history is shorter than 12 months, the monthly average for the period for which there is a record shall be used for any monthly period for which no history exists. If 75 percent of a customer's monthly usage is less than 50,000 gallons, the customer shall be allocated 37,500 gallons. The City Manager shall give his/her best effort to see that notice of each non – residential customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the City Manager to determine the allocation. Upon request of the customer or at the initiative of the City Manager, the allocation may be reduced or increased if, (1) the designated period does not accurately reflect the customer's normal water usage (2) one nonresidential customer agrees to transfer part of its allocation to another nonresidential customer, or (3) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the City Manager. Nonresidential commercial customers shall pay the following surcharges:

Customer whose allocation is 30,000 gallons through 50,000 gallons per month:

\$5 per thousand gallons for the first 1,000 gallons over allocation.
\$10 per thousand gallons for the second 1,000 gallons over allocation.
\$15 per thousand gallons for the third 1,000 gallons over allocation.
\$20 per thousand gallons for each additional 1,000 gallons over allocation.

Customers whose allocation is 50,000 gallons per month or more:

2 times the block rate for each 1,000 gallons in excess of the allocation up through 5 percent above allocation.
3 times the block rate for each 1,000 gallons from 5 percent through 10 percent above allocation.

4 times the block rate for each 1,000 gallons from 10 percent through 15 percent above allocation
5 times the block rate for each 1,000 gallons more than 15 percent above allocation

The surcharges shall be cumulative. As used herein, “block rate” means the charge to the customer per 1,000 gallons at regular water rate schedule at the level of the customer’s allocation.

d) Industrial Customers

A monthly water usage allocation shall be established by the City of Canton, or his/her designee, for each industrial customer, which uses water for processing purposes. The industrial customer’s allocation shall be approximately 90% percent of the customer’s water usage baseline. Ninety (90) days after the initial imposition of the allocation for industrial customers, the industrial customer’s allocation shall be further reduced to 85% percent of the customer’s water usage baseline. The industrial customer’s water usage baseline will be computed on the average water usage for the 12 month period ending prior to the date of implementation of Stage 2 of the Plan. If the industrial water customer’s billing history is shorter than 12 months, the monthly average for the period from which there is a record shall be used any monthly period for which no billing history exists. The City Manager shall give his/her best effort to see that notice of each industrial customer’s allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer’s responsibility to contact the City of Canton to determine the allocation, and the allocation shall be fully effective notwithstanding the lack of receipt of written notice. Upon request of the customer or at the initiative of the City Manager, the allocation may be reduced or increased, (1) if the designated period does not accurately reflect the customer’s normal water usage because the customer had shutdown a major processing unit for repair or overhaul during the period, (2) the customer has added or is in the process of adding significant additional processing capacity, (3) the customer has shutdown or significantly reduced the production of a major processing unit, (4) the customer has previously implemented significant permanent water conservation measure such that the ability to further reduce usage is limited, (5) the customer agrees to transfer part of its allocation to another industrial customer, or (6) if other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the City Manager. Industrial customers shall pay the following surcharges:

Customers whose allocation is 50,000 gallons through 100,000 gallons per month:

\$5 per thousand gallons for the first 1,000 gallons over allocation.

\$10 per thousand gallons for the second 1,000 gallons over allocation.
\$15 per thousand gallons for the third 1,000 gallons over allocation.
\$20 per thousand gallons for each additional 1,000 gallons over allocation.

Customers whose allocation is 100,000 gallons per month or more:

2 times the block rate for each 1,000 gallons in excess of the allocation up through 5 percent above allocation.
3 times the block rate for each 1,000 gallons from 5 percent through 10 percent above allocation.
4 times the block rate for each 1,000 gallons from 10 percent through 15 percent above allocation
5 times the block rate for each 1,000 gallons more than 15 percent above allocation

The surcharges shall be cumulative. As used herein, “block rate” means the charge to the customer per 1,000 gallons at the regular water rate schedule at the level of the customer’s allocation.

Section X: Enforcement

- a) No person shall knowingly or intentionally allow the use of water from the City of Canton for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of the 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 his/her 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 one hundred dollars (\$100) and not more than two hundred fifty dollars (\$250). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offence. If a person is convicted of three or more distinct violations of this Plan, the City Manager 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-connections charge, hereby established at \$250, and any other costs incurred by the City of Canton in discontinuing service. In addition, suitable assurance must be given to the City Manager 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 Canton, 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 the minor children and proof that a violation, committed by a child, occurred on the 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 the Plan and that the parent could not have reasonably know of the violation.
- d) Any employee of the City of Canton or police officer designate by the City of Canton may issue a citation to a person he/she reasonably believes to be in violation of the Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offence charged, and shall direct him/her to appear in the Canton Municipal Court on the date shown on the citation for which the date shall not be less that 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 or the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear in Canton Municipal Court to enter a plea of guilty or not guilty for the violation of the Plan. If the alleged violator fails to appear in Canton Municipal Court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. These cases shall be expedited and given preferential setting in Canton Municipal Court before all other cases.

Section XI: Variances

The City Manager, or his/her 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 Canton 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 his/her 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.

Lou Ann Everett, Mayor
Blake Fowler, City Council
Jim Fuller, City Council
Chase Melton, City Council
Cassidy Henderson, City Council
Randon Sumner, City Council
Lonny Cluck, City Manager

Attachment I - Documentation of Adoption

201 N. Buffalo
Canton, Texas 75103

City of Canton

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

April 16, 2025

To Whom It May Concern,

During the regularly scheduled City of Canton City Council meeting on May 21, 2019, the 2019 Water Conservation Plan, which includes the Drought Contingency Plan, was approved and adopted. Please find the meeting minutes attached.

Sincerely,



Lonny Cluck
City Manager

**Home of the World Famous First Monday Trade Days
Begins Thursday Before Each First Monday**

Technical Information Report
Water Rights Permitting
City of Canton – Grand Saline Reservoir
Attachment J – Accounting Plan

The City of Canton is requesting the water rights for 3,950 acre-feet/year firm yield on Grand Saline Creek, which has been made possible by the subrogation clause in the Sabine River Authority's Amendment to a Certificate of Adjudication No.05-4658B § 5D. The reservoir to be created will serve as a municipal water supply for the City of Canton. Downstream water right holders could require priority call releases from the reservoir. These calls would likely be administered and requested of the City of Canton by the Sabine River Authority.

In addition to the proposed Grand Saline Creek reservoir, the City of Canton relies on Mill Creek Reservoir, three (3) groundwater wells, and indirect reuse for their water supply. The three (3) wells pull from the Carrizo-Willcox aquifer at various rates. The indirect reuse is provided by the recirculation of treated wastewater into a receiving stream of Mill Creek Reservoir.

The attached Accounting Plan Spreadsheet will serve as a record-keeping tool to ensure all requirements set forth by the water rights are satisfied. Column A through F is the daily total amount of water pumped from each source. Column G records the water use type. Column H records the estimated rainfall while Column I references historical evaporation data to estimate the daily net evaporation amount. Column J records the estimated amount of water added to the reservoirs due to significant spills. Column K records the drawdown in the reservoirs due to diversions.

City of Canton Water Supply Accounting Plan

	Column A	Column B	Column C	Column D	Column E	Column F	Column G	Column H
Date	Grand Saline Reservoir Level (feet AMSL)	Grand Saline Reservoir Diversion (gallons)	Estimated Rainfall (inches)	Estimated Inflow from Runoff (gallons)	Estimated Evaporation (inches)	Amount Added due to Spills (gallons)	Instream Flow Releases (gallons)	Reservoir Drawdown due to Diversions (feet)
1/1/2040								
1/2/2040								
1/3/2040								
1/4/2040								
1/5/2040								
1/6/2040								
1/7/2040								
1/8/2040								
1/9/2040								
1/10/2040								
1/11/2040								
1/12/2040								
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1/22/2040								
1/23/2040								
1/24/2040								
1/25/2040								
1/26/2040								
1/27/2040								
1/28/2040								
1/29/2040								
1/30/2040								
1/31/2040								
Monthly Total								
Monthly Average								

Lou Ann Everett, Mayor
Blake Fowler, City Council
Jim Fuller, City Council
Chase Melton, City Council
Cassidy Henderson, City Council
Randon Sumner, City Council
Lonny Cluck, City Manager

201 N. Buffalo
Canton, Texas 75103

Administration - 903.567.1841
Water Dept. - 903.567.2826
First Monday - 903.567.6556

City of Canton

April 16, 2025

Via Express Delivery

Texas Commission on Environmental Quality
Water Availability Division, MC-160
12100 Park 35 Circle
Austin, Texas 78753

RE: Application for Water Rights Permit — City of Canton Grand Saline Reservoir

Ladies and Gentlemen:

Enclosed please find a complete hard copy of the Water Rights Permit application for the proposed City of Canton Grand Saline Reservoir. An initial meeting with TCEQ staff was held on June 25, 2020, to review the draft application.

Also enclosed is a check in the amount of **\$15,786.56** for the Water Rights Application fees. A detailed breakdown of these fees is provided in **Worksheet 8.0**.

We appreciate your consideration of this application. If you have any administrative questions, please feel free to contact me directly. For technical questions or additional information, you may contact **Terry Winn, P.E.** at (903) 241-0401 (cell) or **David Stanley, P.E.** at (903) 985-6434 of STV, Inc.

Sincerely,



Lonny Cluck
City Manager

Cc: Terry Winn, P.E. – STV, Inc. ([REDACTED])
David Stanley, P.E. – STV, Inc. ([REDACTED])

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Begins Thursday Before Each First Monday**

CITY OF CANTON

Customer #: TEXAS COMMISSION ON ENVIRONMENTAL QUALITY 4/10/2025

04082025 4/10/2025 \$15,786.56
Water Rights Permit - Grand Saline Reservoir Application Fee

Total: \$15,786.56

CITY OF CANTON

OPERATING ACCOUNT
201 N BUFFALO ST
CANTON, TX 75103

PAY

** Fifteen Thousand Seven Hundred Eighty-Six And 56/100 **

DATE

AMOUNT

4/10/2025

\$15,786.56

TO THE
ORDER
OF

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
WATER AVAILABILITY DIVISION, MC-160
12100 PARK 35 CIRCLE
AUSTIN, TX 78753

Leri Pruitt
AUTHORIZED SIGNATURE

Details on back.