

TCEQ Interoffice Memorandum

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

THRU: Chris Kozlowski, Team Leader
Water Rights Permitting Team

FROM: Jenna Rollins, Project Manager
Water Rights Permitting Team

DATE: September 1, 2022

SUBJECT: North Alamo Water Supply Corporation
ADJ 240
CN600633713, RN102640075
Application No. 23-240AB to Sever its Water Rights from Certificate of
Adjudication Nos. 23-804 and 23-401 and Combine them with
and Amend Certificate of Adjudication No. 23-240
Texas Water Code §§ 11.122, 11.085, Not Requiring Notice
Rio Grande, Rio Grande Basin
Hidalgo, Willacy, and Cameron Counties

The application and fees were received on July 1, 2022. Additional information was received on August 16 and 18, 2022. The application was declared administratively complete and accepted for filing with the Office of the Chief Clerk on September 1, 2022. Notice is not required pursuant to Title 30 Texas Administrative Code § 303.42.

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

Jenna Rollins

Jenna Rollins, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

OCC Mailed Notice Required YES NO

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

September 1, 2022

Mr. Richard W. Fryer
Fryer & Hansen, P.L.L.C.
1352 W. Pecan Blvd.
McAllen, TX 78501-4352

VIA E-MAIL

RE: North Alamo Water Supply Corporation
ADJ 240
CN600633713, RN102640075
Application No. 23-240AB to Sever its Water Rights from Certificate of Adjudication Nos.
23-804 and 23-401 and Combine them with and Amend Certificate of Adjudication
No. 23-240
Texas Water Code §§ 11.122, 11.085, Not Requiring Notice
Rio Grande, Rio Grande Basin
Hidalgo, Willacy, and Cameron Counties

Dear Mr. Fryer:

This acknowledges receipt, on August 16 and August 18, 2022, of additional information.

The application was declared administratively complete and filed with the Office of the Chief Clerk on September 1, 2022. Staff will continue processing the application for consideration by the Executive Director.

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

If you have any questions concerning the application, please contact me via email at jenna.rollins@tceq.texas.gov or by phone at 512-239-1845.

Sincerely,

A handwritten signature in cursive script that reads "Jenna Rollins".

Jenna Rollins, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Jenna Rollins

From: [REDACTED]
Sent: Thursday, August 18, 2022 5:02 PM
To: Jenna Rollins; Leslie Patterson
Subject: [FWD: RE: North Alamo WSC App No. 23-240AB RFI]
Attachments: NAWSC-2019 Water Conservation Plan.pdf; NAWSC-2019-Drought Contingency & Emergency Rationing Plan-102920.pdf; NAWSC-2019-Targets-Goals Water Use Reductions.pdf; NAWSC-2019-Utility Profile.pdf

Good afternoon again -

I have discovered the issue that led to my earlier confusion. While our hard copy of the application is complete, the scanned copy that was used in filing the application online skips multiple pages. My apologies.

I'll double-check the scans going forward.

Thank you again for your help!

Luann Ochoa, Paralegal

Fryer & Hansen, PLLC
1352 W. Pecan Blvd.
McAllen, TX 78501
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Fax (956)686-6601
FryerandHansen.com

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WATER CONSERVATION PLAN

FOR

**North Alamo Water Supply Corporation
420 South Doolittle Road
Edinburg, TX 78542**

PWS #1080029

September 2019

Water Conservation Plan

System Profile

The North Alamo Water Supply Corporation is a legally chartered corporation operating under the laws of the state of Texas for the purpose of furnishing a potable and wastewater utility service for rural residents of eastern Hidalgo County, Willacy county, and northwest Cameron County as described in Certificates of Convenience and Necessity Nos. 10553 and 20645 (CCN). The Corporation's CCN encompasses 973 square miles and either surrounds or is adjacent to 16 cities and/or communities that operate public water systems.

The system presently serves approximately 46,800 metered connections, which includes households, numerous businesses, 24 schools, and six other Public Water Systems, from six surface water treatment plants and one reverse osmosis treatment plant. The 46,800 metered connections represent an estimated population of 180,000 persons. The surface water treatment plants treat surface water conveyed by six irrigation districts. The original source of raw water is the Rio Grande River. The reverse osmosis treatment plant treats brackish groundwater. Of the 46,800 metered connections, approximately 4,500 are also served by the Corporation's wastewater system.

The Corporation's operating policies, rates, tariffs and regulations are formulated and implemented by a nine-member Board of Directors elected by the members of the Corporation.

A. Record Management System

The Corporation will continue implement to use a records management system which allows for the desegregation of water sales and uses into the following user classes: residential, commercial, public and institutional, and industrial.

B. Specific, Quantified 5 & 10-Year Targets

It shall be the goal of the Corporation to reduce residential daily per capita consumption of water to 90 and 88 gallons per person per day by the years 2024, and 2029 respectively; and unaccounted-for uses of water shall be reduced to 8.0% or less by 2024 and 7.0% by 2029. These goals are consistent with the Region M Water Planning Group's "Regional Water Plan".

C. Measuring and Accounting for Diversions

All metering devices measuring the amount of raw water received at the water treatment plant shall be maintained within an accuracy level of \pm 5%.

D. Universal Metering

All uses of water shall be individually metered. The Corporation will continue its current practice of meter testing and its meter change-out program.

E. Measures to Determine and Control Water Loss

The Corporation's employees will continue to visually inspect all transmission and distribution lines for leaks and check for illegal connections during their monthly meter reading duties. The Corporation will continue to monitor and report monthly to the board of Directors the amount of unaccounted-for water on its monthly "Water Report".

F. Continuing Public Education & Information

The Corporation will have available a supply of public education materials at its office to encourage residential water conservation. The Corporation will continue to participate with Federal, State, and local agencies in promoting public awareness and water conservation.

G. Non-Promotional Water Rate Structure

The Corporation will continue its practice of charging an inclining block rate, not promotional, and which promotes water conservation.

H. Enforcement Procedure and Plan Adoption

This water Conservation Plan shall be made a part of and included in the Corporation's tariff under Section I.

I. Coordination with the Regional Water Planning Group(s)

The service area of the Corporation is located within the Region M Water Planning Group, and the Corporation has provided a copy of this water conservation plan to the Region M Water Planning Group.

J. Plan Review and Update

Following adoption, this water conservation plan shall be updated every five years as required by TCEQ or as appropriate based on new and/or updated information.

II. ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS

A. Leak Detection, Repair, and Water Loss Accounting

The Corporation will repair identified leaks on an as-needed basis and then conduct periodic checks of the repairs to ensure that they don't reoccur. The Corporation has a strategy to detect and repair leaks by regular on-site testing and others acceptable methods. The Corporation's meter readers are trained to observe the system on their route and identify leaks. The Corporation's personnel shall look for and report evidence of leaks in the water distribution system. Areas of the water distribution system in which numerous leaks and line breaks occur shall be targeted for replacement as funds are available.

B. Wholesale Water Supply Contracts

The Corporation will include a requirement in every wholesale water supply contract entered into or renewed after adoption of this plan, and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements by Texas Commission on Environmental Quality rules in Title 30 Texas Administrative Code Chapter 288.

Passed, approved, and adopted at a duly noticed, called, and convened meeting of the Board of Directors of North Alamo Water Supply Corporation at which a quorum was present on the 17th day of September, 2019.



A handwritten signature in blue ink, appearing to read "Derrick Swanberg", written over a horizontal line.

Derrick Swanberg
Secretary/Treasurer

A handwritten signature in blue ink, appearing to read "Steve D. Krenk", written over a horizontal line.

Steve D. Krenk
President

DROUGHT CONTINGENCY AND EMERGENCY RATIONING PLAN

1. SCOPE

The following Drought Contingency and Emergency Rationing Plan (Water Rationing Plan) is adopted for emergency use during periods of drought and water shortages.

2. DECLARATION OF POLICY

In view of the limited water resources available to the North Alamo Water Supply Corporation (Corporation), it is hereby declared the public health, safety and welfare requires that all water resources available to the Corporation be put to maximum beneficial use and that the waste, unreasonable use, and unreasonable method of use of water be prevented. The goal of this Water Rationing Plan is the conservation of all water resources for the most reasonable and beneficial use of water in the interests of all people in the Corporation's service area that is served by the Corporation.

3. AUTHORIZATION

The Board of Directors of the Corporation, or their designee (the General Manager), is authorized and directed to implement the applicable provisions of this Water Rationing Plan upon the determination that such implementation is necessary to protect the public health, safety, and welfare. The provisions of this Water Rationing Plan may be amended, supplemented, changed or repealed at any time during a duly called, noticed, and convened meeting of the Corporation's Board of Directors.

4. COORDINATION WITH THE REGIONAL PLANNING GROUPS

The service area of the Corporation is located within the Region M Water Planning Group, and the Corporation has provided a copy of this Drought Contingency Plan to the Region M Water Planning Group.

5. PREPARATION OF PLAN AND CONTINUING EDUCATION PROGRAM

The Corporation will actively inform its customers and members of the Water Rationing Plan and affirmatively provide opportunity for public input at the annual membership meetings held at a time and place convenient to the public. The customers and members will be notified of any major changes to the plan by direct mail-out.

6. APPLICATION

- a) The provisions of this Water Rationing Plan will apply to all members, customers, persons, and property utilizing the Corporation's water services located within the Corporation's service area.
- b) In promoting the conservation of limited water resources available to the Corporation, **FOUR** water conservation stages have been created and are listed in No.6 of this Water Rationing Plan.
- c) When the use of water is regulated during any period of water shortage, the regulations or restrictions on the use of water will continue until water conservation measures are no longer deemed necessary by the Board of Directors, or their designee (the General Manager).
- d) The directive by the Board of Directors, or their designee (the General Manager), to implement or terminate Conservation Stages 2 - 4 will be made by a direct mail-out to each member/customer or by public announcement and published a minimum of one time in at least three newspapers of general circulation in the Corporation's service area before the dates of implementation. The dates for implementation of Stages 3 and 4 will be as follows;

Billing 1 - the 5th of the month following the date of the announcement,
Billing 2 - the 15th of the month following the date of the announcement,
Billing 3 - the 25th of the month following the date of the announcement.

- e) The highest priority of water use during any Stage will be for human consumption, fire protection, and the watering of livestock. However, if an alternative source of water is available for the watering of livestock, the customer should take the necessary steps to obtain water from the alternative source.
- f) All new wholesale water contracts and/or contract renewals and extensions shall include a provision that in the case of shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code, 11.039.

7. WATER CONSERVATION STAGES

a) Stage 1 – Potential Water Shortage

- i. Stage I will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 49%.
- ii. Upon reaching this stage, all customers will be notified by a message on the monthly water bill that a potential water shortage may exist later in the year and that each customer should use water conservation practices. All customers should check their individual plumbing fixtures and facilities to ensure that they are working properly and that no water is being wasted.
- iii. Industrial customers, wholesale customers, and certain commercial customers will be required to develop and submit to the Corporation their individual Water Rationing Plans within 60 days of notification. The plans are subject to approval by the Corporation's Management Staff and the Board of Directors.

b) Stage 2 – Voluntary Water Conservation

- i. Stage 2 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 40% of capacity.
- ii. Upon reaching this stage, all customers will be notified by public announcement and publication of notice, or by direct mail-out to voluntarily conserve water. All faulty or leaking plumbing fixtures should be repaired or be replaced immediately.
- iii. All Corporation owned facilities and operations will be placed on mandatory conservation practices.
- iv. All customers will be requested to voluntarily comply with the following lawn watering schedule;

Customers in Routes 11 - 19 will be allowed to water on Mondays and Thursdays.

Customers in Routes 20 - 29 will be allowed to water on Tuesdays and Fridays.

Customers in Routes 30 - 43 will be allowed to water on Wednesdays and Saturdays.

The first two digits in the customer's account number determines the customer's Route. For example, account no. 17-0100 is in Route 17. The permitted time of watering is between the hours of 6:00 AM to 9:00 AM and between the hours of 8:00 PM to 10:00 PM on the designated days. Lawn watering on Sundays will not be allowed.

c) Stage 3 – Mandatory Water Conservation

- i. Stage 3 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 23% of capacity.
- ii. Upon reaching this stage, all customers will be notified by public announcement and publication of notice, or by direct mail-out that mandatory conservation practices have been implemented. All Corporation owned facilities and operations will continue on mandatory conservation practices. If any provision in Stage 2 conflicts with a provision in Stage 3, the Stage 3 provision will control.

- iii. The above voluntary lawn watering schedule will become mandatory.
- iv. All water allowed to run off yards, plants, or other vegetation into gutters, streets or roads will be deemed a waste of water and is prohibited.
- v. The use of potable water to irrigate land that is irrigable is prohibited.
- vi. Noncommercial washing of any vehicle or other mobile equipment may be done only with a handheld hose equipped with a positive shut-off nozzle or with a hand-held bucket or can with a capacity of 5 gallons or less between the hours of 6:00 AM to 9:00 AM and 7:00 PM to 9:00 PM.
- vii. Commercial washing of any vehicle or other mobile equipment will be limited to the immediate premises of a commercial washing facility.
- viii. The exterior washing of any house, trailer house or any structure is prohibited.
- ix. The use of water to wash down sidewalks, driveways or any hard surface is prohibited.
- x. Continued use of defective plumbing in a home, business or any location is prohibited.
- xi. The use of fire hydrants for any purpose other than firefighting is prohibited.
- xii. The use of water for dust control is prohibited.
- xiii. Industrial customers, wholesale customers, and certain commercial customers will be required to implement their individual Water Rationing Plans previously submitted and approved.

d) Stage 4 – Water Use Curtailment

- i. Stage 4 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 13% of capacity, or in response to (i) supply source contamination, (ii) water production or distribution system limitations, and (iii) system outage due to the failure or damage of major water system components.
- ii. All nonessential uses of water or uses not necessary to maintain the public health, safety and welfare and for the watering of livestock are prohibited. Nonessential water uses are defined in this Water Rationing Plan to include the watering of grass, trees, plants, and other vegetation; the noncommercial washing of any vehicle or other mobile equipment; the use of water for all publicly and privately owned swimming pools, water parks, fountains or artificial waterfalls; and the use of water to construct roads, streets or highways.
- iii. A pro rata curtailment of water deliveries to wholesale water customers will be imposed as provided in Texas Water Code, 11.039.
- iv. No application for new, additional, expanded, or increased in size water service connections, meters, service lines, pipeline extensions, mains, or other water service facilities of any kind shall be allowed or approved except as approved by the **Review Committee**.
- v. The maximum amounts of monthly water usage for residential and nonresidential customers and the accompanying surcharges may be revised during the state of an emergency in Stage 4. These revised allocations and surcharge amounts are subject to the approval of the Corporation's Board of Directors.
- vi. The General Manager is authorized to take any other actions deemed necessary to meet the conditions resulting from the emergency, including, but not limited to system pressure reductions and the utilization of alternative water sources with the approval of the Executive Director as appropriate.

8. REVIEW COMMITTEE – FORMATION, POWERS AND DUTIES

- a) Upon approval of this Water Rationing Plan, the Board of Directors of the Corporation will establish a **Review Committee** to review hardship and special cases involving customers, persons, or property utilizing the Corporation's water that cannot abide by the provisions of this Water Rationing Plan. The Review Committee will consist of the Corporation's General Manager, Water Operations Manager, Wastewater Operations Manager, and Office Manager, and a member/ customer chosen by the Board of Directors. The General Manager will be the Chairman of the Review Committee, and the Water Operations Manager will be the Vice-Chairman.
- b) All requests for a variance to the provisions of this Water Rationing Plan must be submitted to the Review Committee in writing and must state the circumstances supporting the request. The Review Committee is authorized to grant variances from the provisions of this Water Rationing Plan if, owing to peculiar circumstances, an undue hardship will result, and the granting of the variance will not be contrary to the public interest.
- c) All decisions of the Review Committee will be reported to the Board of Directors at the next regularly scheduled Board Meeting. If the Review Committee denies a request for a variance, an appeal can be made to the Board of Directors at the next regularly scheduled Board Meeting. If a protest is received after the granting of a variance, the Review Committee will refer the protest to the Board of Directors at the next regularly scheduled Board Meeting. The decisions of the Board of Directors are final.

9. VIOLATIONS, PENALTIES AND ENFORCEMENT

- a) No person shall knowingly or intentionally allow the use of water from the Corporation's system for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provisions of this Water Rationing Plan.
- b) Any person or customer who violates this Water Rationing Plan will be issued a warning on the first offence. Each day that anyone or more of the provisions in this Water Rationing Plan are violated will constitute a separate offense. Upon receiving a notice of violation on the second offence, the customer's meter is subject to being locked. If a customer receives a notice of violation for two or more distinct violations in anyone day period, the General Manager will, upon due notice, be authorized to discontinue water service to the premises where the violations occurred, and a fee will be required to be paid before service is restored. Should any person or customer receive a third notice of violation, water service will be discontinued, and a flow restriction device will be installed at the customer's meter at the customer's expense, and a second fee will be required to be paid before service is restored. Should a customer's water service be discontinued for a third time, then the fee for restoring water service shall be doubled.
- c) Any Corporation employee may issue a notice of violation to a person he/she reasonably believes to have committed a violation of this Water Rationing Plan. The notice of violation will be prepared in duplicate and will contain the name of the member and the tenant, if any, the address, the alleged violation, and the date.
- d) The customer in apparent control of the property where a violation occurs or originates will be presumed to be the violator, but the customer will have the right to show that he/she did not commit the violation. The customer will be presumed to be responsible for minor children and for anyone residing in the customer's household who commits a violation.

10. SURCHARGES, FEES, AND TERMINATION OF SERVICE

- a) When a Stage 3 - Mandatory Conservation stage has been implemented, a surcharge of **\$1.00** for each 1,000 gallons above **10,000** gallons monthly usage per meter equivalent will be imposed for Residential, and Commercial and Multi-family customers. For Industrial and Institutional customers, a surcharge of **\$.25** for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure. A meter equivalent is based upon meter size and is defined as follows:

<u>5/8" – 1</u>	<u>1.0" – 2</u>	<u>1.5" – 4</u>	<u>2.0" – 8</u>	<u>3.0" – 16</u>
		<u>4.0" – 32</u>		

- b) When a Stage 4 - Water Use Curtailment stage has been implemented, a surcharge of **\$2.00** for each 1,000 gallons above **10,000** gallons monthly usage per meter equivalent will be imposed for Residential and Commercial and Multi-family customers. For Industrial and Institutional customers, a surcharge of **\$.50** for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure.
- c) For any customer whose meter equivalent is 1, water service will be restored after the first disconnection for a fee of **\$50**. For any customer whose meter equivalent is more than 1, water service will be restored after the first disconnection for a fee of **\$50 per meter equivalent**. After the second disconnection, water service will be restored only after a second fee of \$50 per meter equivalent has been paid and a flow restriction device has been installed at the customer's meter at the customer's expense. This device will remain connected to the customer's meter until the Corporation returns to Stage 2 or less. After the third disconnection, water service will be restored only after a third fee of \$100 per meter equivalent has been paid.
- d) The above surcharges and termination provisions will not apply if the water used resulted from a loss of water (ie, water leak) through no fault of the customer. The customer will have to prove that immediate steps were taken to correct the leak after its discovery and that the customer was not in any way negligent in causing or permitting the loss of water.
- e) The limits, charges, and other requirements of this Water Rationing Plan will be in effect for water used on or after the date these limits. Changes and other requirements are to become effective as published by the General Manager.

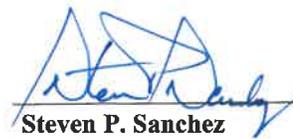
AMENDED this 17th day of September, 2019 at a duly called, noticed, and convened meeting of the Board of Directors of the North Alamo Water Supply Corporation.




Steve D. Krenek
President

ATTEST:


Derrick Swanberg
Secretary- Treasurer


Steven P. Sanchez
General Manager

North Alamo Water Supply Corporation

Targets for water use reductions to be achieved during periods of water shortage and drought for each stage of the drought contingency plan

Stage 1 reduce the average daily water consumption by: %

Stage 2 reduce the average daily water consumption by: %

Stage 3 reduce the average daily water consumption by: %

Stage 4 reduce the average daily water consumption by: %

****As per 2019 drought contingency plan***

WATER CONSERVATION PLAN 5- AND 10-YR GOALS FOR WATER SAVINGS

Facility Name: North Alamo WSC

Water Conservation Plan Year: 2019

	Historic 5yr Average	Baseline	5-yr Goal for year <u>2024</u>	10-yr Goal for year <u>2029</u>
Total GPCD ¹	155	141	128	125
Residential GPCD ²	109	127	90	88
Water Loss (GPCD) ³	17	14	12	11
Water Loss (Percentage) ⁴	11 %	10 %	9%	9 %

1. Total GPCD = (Total Gallons in System ÷ Permanent Population) + 365

2. Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) + 365

3. Water Loss GPCD = (Total Water Loss ÷ Permanent Population) + 365

4. Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

North Alamo Water Supply Corporation
5-year and 10-year Targets and Goals for water savings
2019 Water Conservation Plan

Description	Current 5-year Average (gpcd)	5-year Goal (gpcd)	10-year Goal (gpcd)
Total avg. residential GPCD (2014-2018)	109		
Water Conservation Goals		90	88

*Current average residential consumption gpcd as per 2019 TWDB Utility Profile

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: North Alamo Water Supply Corporation

Public Water Supply Identification Number (PWS ID): 1080029

Certificate of Convenience and Necessity (CCN) Number: 10553

Surface Water Right ID Number: 0240-000

Wastewater ID Number: 20645

Completed By: Robert Rodriguez Title: Water Operations Manager

Address: 420 S. Doolittle Road City: Edinburg Zip Code: 78542

Email: [REDACTED] Telephone Number: (956) 383-1618

Date: 9/17/19

Regional Water Planning Group: M [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: 973
 (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
2018	159,828		
2017	155,295		
2016	149,829		
2015	145,465		
2014	141,228		

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	162,960		
2030	201,502		
2040	240,156		
2050	278,948		
2060	317,715		

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

Previous 5 years population was calculated using 3.57 persons per household census 2013-2017 data for Hidalgo, Cameron, and Willacy Counties multiplied by the yearly number of residential connections. Population projections for years 2020-2060 were based on the TWDB Regional Water Plan Population Projections for North Alamo WSC.

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
2018	1,560,309,000	7,195,906,900	67,201,100	8,689,014,800	149
2017	1,470,272,000	7,348,801,000	61,844,100	8,757,228,900	154
2016	1,795,438,000	7,284,418,700	103,291,700	8,976,565,000	164
2015	1,716,890,000	6,094,953,700	96,353,700	7,715,490,000	145
2014	2,020,465,500	6,365,196,200	60,504,900	8,325,156,800	162
Historic 5-year Average	1,712,674,900	6,857,855,300	77,839,100	8,492,691,100	155

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

- Designed daily capacity of system 32,000,000 gallons per day.
- Storage Capacity:
 Elevated 5,000,000 gallons
 Ground 11,300,000 gallons
- List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
IRRIGATION DISTRICTS	Surface	5,443,604,900
N CAMERON	Surface	191,993,000
CITIES	Surface	58,164,200
	Choose One	
	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 163,873 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)
2019	161,857	5,403,182,250
2020	166,713	5,565,277,718
2021	171,714	5,732,236,049
2022	176,865	5,904,203,131
2023	182,171	6,081,329,225
2024	187,637	6,263,769,101
2025	193,266	6,451,682,175
2026	199,064	6,645,232,640
2027	205,036	6,844,589,619
2028	211,187	7,049,927,308

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

Projections were calculated and assumed to be proportional to average population growth of 3.0% for 2014-2018. As population, demand was also assumed to increase by 3.0% per year.

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
PICT SWEET CO	Commercial	137,355,100	Treated
EDINBURG CISD	Commercial	89,865,300	Treated
PSJA ISD	Commercial	55,900,600	Treated
WILDER CORPORATION	Commercial	22,491,400	Treated
DONNA ISD	Commercial	21,973,900	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.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
PORT MANSFIELD	Municipal	31,742,700	Treated
CITY OF EDINBURG	Municipal	28,375,600	Treated
QUIET VILLAGE UTILITY	Commercial	2,385,300	Treated
SEBASTIAN MUD	Municipal	2,121,300	Treated
MILITARY HWY WSC	Municipal	1,414,800	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.](#)

F. Utility Data Comment Section

Provide additional comments about utility data below.

Section II: System Data

A. Retail Connections

- 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	44,770		44,770	96%
Residential – Multi-family (units)	1,889		1,889	4%
Industrial	6		6	0%
Commercial	5		5	0%
Institutional	198		198	0%
Agricultural	0		0	0%
TOTAL	46,868	0	46,868	

*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.](#)

- 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				
	2018	2017	2016	2015	2014
Residential – Single Family	44,770	43,500	41,969	40,747	39,560
Residential – Multi-family (units)	1,899	1,853	1,772	1,720	1,670
Industrial	6	6	6	6	6
Commercial	5	5	5	5	5
Institutional	198	164	193	188	183
Agricultural	0	0	0	0	0
TOTAL	46,878	45,528	43,945	42,666	41,424

*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				
	2018	2017	2016	2015	2014
Residential - Single Family	5,245,808,010	5,297,064,000	6,107,727,600	6,048,627,384	5,990,099,040
Residential – Multi-family	674,521,600	688,473,700	516,668,000	506,197,588	495,939,361
Industrial	144,126,950	131,473,300	11,617,900		
Commercial	859,090	862,300	48,300		
Institutional	275,326,750	359,685,500	19,789,700		
Agricultural	0	0	0	0	0
TOTAL	6,340,642,400	6,477,558,800	6,655,851,500	6,554,824,972	6,486,038,401

*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				
	2018	2017	2016	2015	2014
Residential - Single Family	91	95	114	116	118
Residential – Multi-family	277	290	227	229	231

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				
	2018	2017	2016	2015	2014
January	459,633,800	471,577,900	433,082,700	367,176,300	359,295,700
February	434,379,900	476,035,000	417,147,500	349,490,500	396,774,000
March	461,664,900	435,683,700	515,749,100	358,881,300	413,901,700
April	533,353,300	481,327,600	459,359,400	381,414,300	386,735,800
May	563,626,200	549,854,000	541,969,800	395,952,500	514,601,400
June	669,097,800	633,604,600	517,171,500	438,832,900	571,523,600
July	564,910,900	665,364,600	589,492,600	445,790,500	618,341,300
August	660,380,200	689,318,400	634,981,100	581,443,800	691,739,600
September	623,635,500	641,294,100	602,778,600	560,130,400	585,988,000
October	490,565,800	518,969,600	544,520,100	484,424,000	425,615,000
November	425,636,300	461,844,400	507,175,100	412,589,000	412,374,900
December	453,757,800	452,681,900	429,452,800	435,228,400	386,328,000
TOTAL	6,340,642,400	6,477,555,800	6,192,880,300	5,211,353,900	5,763,219,000

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

Month	Total Gallons of Raw Retail Water				
	2018	2017	2016	2015	2014
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL	0	0	0	0	0

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2018	2017	2016	2015	2014	
Summer Retail (Treated + Raw)	1,894,388,900	1,988,287,600	1,741,645,200	1,466,067,200	1,881,604,500	1,794,398,680 5yr Average
TOTAL Retail (Treated + Raw)	6,340,642,400	6,477,555,800	6,192,880,300	5,211,353,900	5,763,219,000	5,997,130,280 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
2018	721,209,200	12	8%
2017	833,956,700	15	10%
2016	1,035,101,600	19	12%
2015	1,060,344,320	20	14%
2014	862,435,700	17	10%
5-year average	902,609,504	17	11%

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)
2018	2,053,000	2,668,000	1.30
2017	2,119,000	2,754,000	1.30
2016	2,073,000	2,695,000	1.30
2015	1,834,000	2,384,000	1.30
2014	1,728,000	2,246,000	1.30

G. Summary of Historic Water Use

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	5,737,865,207	96%	0%
Residential MF	576,360,050	4%	0%
Industrial	57,443,630	0%	0%
Commercial	353,938	0%	0%
Institutional	130,960,390	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.)

1. Design capacity of wastewater treatment plant(s): 1
gallons per day.
2. 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		4,500	4,500	100%
Industrial			0	0%
Commercial			0	0%
Institutional			0	0%
Agricultural			0	0%
TOTAL	0	4,500	4,500	

2. What percent of water is serviced by the wastewater system? 10%
3. For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2018	2017	2016	2015	2014
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December	582,139,986	158,252,739	200,202,762		
TOTAL	582,139,986	158,252,739	200,202,762	0	0

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	208,160,986
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other Belt Filter Press Booster Pump	3,000,000
TOTAL	211,160,986

C. Wastewater System Data Comment

Provide additional comments about wastewater system data below.

The Donna Regional Wastewater Treatment Plant has a non potable water system that is only utilize for the Belt Filter press when in operations only.

Records were not found for years prior to 2016. Only totals for the year are shown on table for treated wastewater information.

Municipal connections number is for total wastewater connections currently serviced.

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.

Jenna Rollins

From: [REDACTED]
Sent: Thursday, August 18, 2022 4:16 PM
To: Jenna Rollins; Leslie Patterson
Subject: RE: North Alamo WSC App No. 23-240AB RFI
Attachments: NAWSC-2019 Water Conservation Plan.pdf; NAWSC-2019-Drought Contingency & Emergency Rationing Plan-102920.pdf; NAWSC-2019-Targets-Goals Water Use Reductions.pdf; NAWSC-2019-Utility Profile.pdf

Good afternoon again Jenna and Leslie ~

I want to thank you both again for taking the time to work with me in getting the information that you need to process the water rights applications. It helps me tremendously and, hopefully, it saves time on your part as well.

After looking at the files we discussed I am a bit confused. With the exception of the Utility Profile, the documents attached to this email are the documents filed with 23-240-AA. And, as Leslie mentioned, the Utility Profile was forwarded later in response to an RFI.

The part that is confusing to me is that the four documents attached to this email were also forwarded with the original application 23-240-AB per our copy of the application. A Summary of Request was also included in that original mailing.

The documents that I sent in the RFI response were additional documents related to the Water Conservation and Drought Contingency plans that had been provided by North Alamo WSC because I had assumed that the four documents attached were not acceptable to TCEQ. (I also sent a revised Summary of Request which I had edited to include the exempt inter-basin transfer request as a result of the RFI.)

Please let me know if I am misunderstanding our earlier conversation and/or if you require any items in addition to those attached. Again, thank you so very much for your assistance and for your patience with me.

Have a wonderful evening!!!

Luann Ochoa, Paralegal

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WATER CONSERVATION PLAN

FOR

**North Alamo Water Supply Corporation
420 South Doolittle Road
Edinburg, TX 78542**

PWS #1080029

September 2019

Water Conservation Plan

System Profile

The North Alamo Water Supply Corporation is a legally chartered corporation operating under the laws of the state of Texas for the purpose of furnishing a potable and wastewater utility service for rural residents of eastern Hidalgo County, Willacy county, and northwest Cameron County as described in Certificates of Convenience and Necessity Nos. 10553 and 20645 (CCN). The Corporation's CCN encompasses 973 square miles and either surrounds or is adjacent to 16 cities and/or communities that operate public water systems.

The system presently serves approximately 46,800 metered connections, which includes households, numerous businesses, 24 schools, and six other Public Water Systems, from six surface water treatment plants and one reverse osmosis treatment plant. The 46,800 metered connections represent an estimated population of 180,000 persons. The surface water treatment plants treat surface water conveyed by six irrigation districts. The original source of raw water is the Rio Grande River. The reverse osmosis treatment plant treats brackish groundwater. Of the 46,800 metered connections, approximately 4,500 are also served by the Corporation's wastewater system.

The Corporation's operating policies, rates, tariffs and regulations are formulated and implemented by a nine-member Board of Directors elected by the members of the Corporation.

A. Record Management System

The Corporation will continue implement to use a records management system which allows for the desegregation of water sales and uses into the following user classes: residential, commercial, public and institutional, and industrial.

B. Specific, Quantified 5 & 10-Year Targets

It shall be the goal of the Corporation to reduce residential daily per capita consumption of water to 90 and 88 gallons per person per day by the years 2024, and 2029 respectively; and unaccounted-for uses of water shall be reduced to 8.0% or less by 2024 and 7.0% by 2029. These goals are consistent with the Region M Water Planning Group's "Regional Water Plan".

C. Measuring and Accounting for Diversions

All metering devices measuring the amount of raw water received at the water treatment plant shall be maintained within an accuracy level of \pm 5%.

D. Universal Metering

All uses of water shall be individually metered. The Corporation will continue its current practice of meter testing and its meter change-out program.

E. Measures to Determine and Control Water Loss

The Corporation's employees will continue to visually inspect all transmission and distribution lines for leaks and check for illegal connections during their monthly meter reading duties. The Corporation will continue to monitor and report monthly to the board of Directors the amount of unaccounted-for water on its monthly "Water Report".

F. Continuing Public Education & Information

The Corporation will have available a supply of public education materials at its office to encourage residential water conservation. The Corporation will continue to participate with Federal, State, and local agencies in promoting public awareness and water conservation.

G. Non-Promotional Water Rate Structure

The Corporation will continue its practice of charging an inclining block rate, not promotional, and which promotes water conservation.

H. Enforcement Procedure and Plan Adoption

This water Conservation Plan shall be made a part of and included in the Corporation's tariff under Section I.

I. Coordination with the Regional Water Planning Group(s)

The service area of the Corporation is located within the Region M Water Planning Group, and the Corporation has provided a copy of this water conservation plan to the Region M Water Planning Group.

J. Plan Review and Update

Following adoption, this water conservation plan shall be updated every five years as required by TCEQ or as appropriate based on new and/or updated information.

II. ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS

A. Leak Detection, Repair, and Water Loss Accounting

The Corporation will repair identified leaks on an as-needed basis and then conduct periodic checks of the repairs to ensure that they don't reoccur. The Corporation has a strategy to detect and repair leaks by regular on-site testing and others acceptable methods. The Corporation's meter readers are trained to observe the system on their route and identify leaks. The Corporation's personnel shall look for and report evidence of leaks in the water distribution system. Areas of the water distribution system in which numerous leaks and line breaks occur shall be targeted for replacement as funds are available.

B. Wholesale Water Supply Contracts

The Corporation will include a requirement in every wholesale water supply contract entered into or renewed after adoption of this plan, and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements by Texas Commission on Environmental Quality rules in Title 30 Texas Administrative Code Chapter 288.

Passed, approved, and adopted at a duly noticed, called, and convened meeting of the Board of Directors of North Alamo Water Supply Corporation at which a quorum was present on the 17th day of September, 2019.



A handwritten signature in blue ink, appearing to read "Derrick Swanberg", written over a horizontal line.

Derrick Swanberg
Secretary/Treasurer

A handwritten signature in blue ink, appearing to read "Steve D. Krenk", written over a horizontal line.

Steve D. Krenk
President

DROUGHT CONTINGENCY AND EMERGENCY RATIONING PLAN

1. SCOPE

The following Drought Contingency and Emergency Rationing Plan (Water Rationing Plan) is adopted for emergency use during periods of drought and water shortages.

2. DECLARATION OF POLICY

In view of the limited water resources available to the North Alamo Water Supply Corporation (Corporation), it is hereby declared the public health, safety and welfare requires that all water resources available to the Corporation be put to maximum beneficial use and that the waste, unreasonable use, and unreasonable method of use of water be prevented. The goal of this Water Rationing Plan is the conservation of all water resources for the most reasonable and beneficial use of water in the interests of all people in the Corporation's service area that is served by the Corporation.

3. AUTHORIZATION

The Board of Directors of the Corporation, or their designee (the General Manager), is authorized and directed to implement the applicable provisions of this Water Rationing Plan upon the determination that such implementation is necessary to protect the public health, safety, and welfare. The provisions of this Water Rationing Plan may be amended, supplemented, changed or repealed at any time during a duly called, noticed, and convened meeting of the Corporation's Board of Directors.

4. COORDINATION WITH THE REGIONAL PLANNING GROUPS

The service area of the Corporation is located within the Region M Water Planning Group, and the Corporation has provided a copy of this Drought Contingency Plan to the Region M Water Planning Group.

5. PREPARATION OF PLAN AND CONTINUING EDUCATION PROGRAM

The Corporation will actively inform its customers and members of the Water Rationing Plan and affirmatively provide opportunity for public input at the annual membership meetings held at a time and place convenient to the public. The customers and members will be notified of any major changes to the plan by direct mail-out.

6. APPLICATION

- a) The provisions of this Water Rationing Plan will apply to all members, customers, persons, and property utilizing the Corporation's water services located within the Corporation's service area.
- b) In promoting the conservation of limited water resources available to the Corporation, **FOUR** water conservation stages have been created and are listed in No.6 of this Water Rationing Plan.
- c) When the use of water is regulated during any period of water shortage, the regulations or restrictions on the use of water will continue until water conservation measures are no longer deemed necessary by the Board of Directors, or their designee (the General Manager).
- d) The directive by the Board of Directors, or their designee (the General Manager), to implement or terminate Conservation Stages 2 - 4 will be made by a direct mail-out to each member/customer or by public announcement and published a minimum of one time in at least three newspapers of general circulation in the Corporation's service area before the dates of implementation. The dates for implementation of Stages 3 and 4 will be as follows;

Billing 1 - the 5th of the month following the date of the announcement,
Billing 2 - the 15th of the month following the date of the announcement,
Billing 3 - the 25th of the month following the date of the announcement.

- e) The highest priority of water use during any Stage will be for human consumption, fire protection, and the watering of livestock. However, if an alternative source of water is available for the watering of livestock, the customer should take the necessary steps to obtain water from the alternative source.
- f) All new wholesale water contracts and/or contract renewals and extensions shall include a provision that in the case of shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code, 11.039.

7. WATER CONSERVATION STAGES

a) Stage 1 – Potential Water Shortage

- i. Stage I will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 49%.
- ii. Upon reaching this stage, all customers will be notified by a message on the monthly water bill that a potential water shortage may exist later in the year and that each customer should use water conservation practices. All customers should check their individual plumbing fixtures and facilities to ensure that they are working properly and that no water is being wasted.
- iii. Industrial customers, wholesale customers, and certain commercial customers will be required to develop and submit to the Corporation their individual Water Rationing Plans within 60 days of notification. The plans are subject to approval by the Corporation's Management Staff and the Board of Directors.

b) Stage 2 – Voluntary Water Conservation

- i. Stage 2 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 40% of capacity.
- ii. Upon reaching this stage, all customers will be notified by public announcement and publication of notice, or by direct mail-out to voluntarily conserve water. All faulty or leaking plumbing fixtures should be repaired or be replaced immediately.
- iii. All Corporation owned facilities and operations will be placed on mandatory conservation practices.
- iv. All customers will be requested to voluntarily comply with the following lawn watering schedule;

Customers in Routes 11 - 19 will be allowed to water on Mondays and Thursdays.

Customers in Routes 20 - 29 will be allowed to water on Tuesdays and Fridays.

Customers in Routes 30 - 43 will be allowed to water on Wednesdays and Saturdays.

The first two digits in the customer's account number determines the customer's Route. For example, account no. 17-0100 is in Route 17. The permitted time of watering is between the hours of 6:00 AM to 9:00 AM and between the hours of 8:00 PM to 10:00 PM on the designated days. Lawn watering on Sundays will not be allowed.

c) Stage 3 – Mandatory Water Conservation

- i. Stage 3 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 23% of capacity.
- ii. Upon reaching this stage, all customers will be notified by public announcement and publication of notice, or by direct mail-out that mandatory conservation practices have been implemented. All Corporation owned facilities and operations will continue on mandatory conservation practices. If any provision in Stage 2 conflicts with a provision in Stage 3, the Stage 3 provision will control.

- iii. The above voluntary lawn watering schedule will become mandatory.
- iv. All water allowed to run off yards, plants, or other vegetation into gutters, streets or roads will be deemed a waste of water and is prohibited.
- v. The use of potable water to irrigate land that is irrigable is prohibited.
- vi. Noncommercial washing of any vehicle or other mobile equipment may be done only with a handheld hose equipped with a positive shut-off nozzle or with a hand-held bucket or can with a capacity of 5 gallons or less between the hours of 6:00 AM to 9:00 AM and 7:00 PM to 9:00 PM.
- vii. Commercial washing of any vehicle or other mobile equipment will be limited to the immediate premises of a commercial washing facility.
- viii. The exterior washing of any house, trailer house or any structure is prohibited.
- ix. The use of water to wash down sidewalks, driveways or any hard surface is prohibited.
- x. Continued use of defective plumbing in a home, business or any location is prohibited.
- xi. The use of fire hydrants for any purpose other than firefighting is prohibited.
- xii. The use of water for dust control is prohibited.
- xiii. Industrial customers, wholesale customers, and certain commercial customers will be required to implement their individual Water Rationing Plans previously submitted and approved.

d) Stage 4 – Water Use Curtailment

- i. Stage 4 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 13% of capacity, or in response to (i) supply source contamination, (ii) water production or distribution system limitations, and (iii) system outage due to the failure or damage of major water system components.
- ii. All nonessential uses of water or uses not necessary to maintain the public health, safety and welfare and for the watering of livestock are prohibited. Nonessential water uses are defined in this Water Rationing Plan to include the watering of grass, trees, plants, and other vegetation; the noncommercial washing of any vehicle or other mobile equipment; the use of water for all publicly and privately owned swimming pools, water parks, fountains or artificial waterfalls; and the use of water to construct roads, streets or highways.
- iii. A pro rata curtailment of water deliveries to wholesale water customers will be imposed as provided in Texas Water Code, 11.039.
- iv. No application for new, additional, expanded, or increased in size water service connections, meters, service lines, pipeline extensions, mains, or other water service facilities of any kind shall be allowed or approved except as approved by the **Review Committee**.
- v. The maximum amounts of monthly water usage for residential and nonresidential customers and the accompanying surcharges may be revised during the state of an emergency in Stage 4. These revised allocations and surcharge amounts are subject to the approval of the Corporation's Board of Directors.
- vi. The General Manager is authorized to take any other actions deemed necessary to meet the conditions resulting from the emergency, including, but not limited to system pressure reductions and the utilization of alternative water sources with the approval of the Executive Director as appropriate.

8. REVIEW COMMITTEE – FORMATION, POWERS AND DUTIES

- a) Upon approval of this Water Rationing Plan, the Board of Directors of the Corporation will establish a **Review Committee** to review hardship and special cases involving customers, persons, or property utilizing the Corporation's water that cannot abide by the provisions of this Water Rationing Plan. The Review Committee will consist of the Corporation's General Manager, Water Operations Manager, Wastewater Operations Manager, and Office Manager, and a member/ customer chosen by the Board of Directors. The General Manager will be the Chairman of the Review Committee, and the Water Operations Manager will be the Vice-Chairman.
- b) All requests for a variance to the provisions of this Water Rationing Plan must be submitted to the Review Committee in writing and must state the circumstances supporting the request. The Review Committee is authorized to grant variances from the provisions of this Water Rationing Plan if, owing to peculiar circumstances, an undue hardship will result, and the granting of the variance will not be contrary to the public interest.
- c) All decisions of the Review Committee will be reported to the Board of Directors at the next regularly scheduled Board Meeting. If the Review Committee denies a request for a variance, an appeal can be made to the Board of Directors at the next regularly scheduled Board Meeting. If a protest is received after the granting of a variance, the Review Committee will refer the protest to the Board of Directors at the next regularly scheduled Board Meeting. The decisions of the Board of Directors are final.

9. VIOLATIONS, PENALTIES AND ENFORCEMENT

- a) No person shall knowingly or intentionally allow the use of water from the Corporation's system for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provisions of this Water Rationing Plan.
- b) Any person or customer who violates this Water Rationing Plan will be issued a warning on the first offence. Each day that anyone or more of the provisions in this Water Rationing Plan are violated will constitute a separate offense. Upon receiving a notice of violation on the second offence, the customer's meter is subject to being locked. If a customer receives a notice of violation for two or more distinct violations in anyone day period, the General Manager will, upon due notice, be authorized to discontinue water service to the premises where the violations occurred, and a fee will be required to be paid before service is restored. Should any person or customer receive a third notice of violation, water service will be discontinued, and a flow restriction device will be installed at the customer's meter at the customer's expense, and a second fee will be required to be paid before service is restored. Should a customer's water service be discontinued for a third time, then the fee for restoring water service shall be doubled.
- c) Any Corporation employee may issue a notice of violation to a person he/she reasonably believes to have committed a violation of this Water Rationing Plan. The notice of violation will be prepared in duplicate and will contain the name of the member and the tenant, if any, the address, the alleged violation, and the date.
- d) The customer in apparent control of the property where a violation occurs or originates will be presumed to be the violator, but the customer will have the right to show that he/she did not commit the violation. The customer will be presumed to be responsible for minor children and for anyone residing in the customer's household who commits a violation.

10. SURCHARGES, FEES, AND TERMINATION OF SERVICE

- a) When a Stage 3 - Mandatory Conservation stage has been implemented, a surcharge of **\$1.00** for each 1,000 gallons above **10,000** gallons monthly usage per meter equivalent will be imposed for Residential, and Commercial and Multi-family customers. For Industrial and Institutional customers, a surcharge of **\$.25** for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure. A meter equivalent is based upon meter size and is defined as follows:

<u>5/8" – 1</u>	<u>1.0" – 2</u>	<u>1.5" – 4</u>	<u>2.0" – 8</u>	<u>3.0" – 16</u>
		<u>4.0" – 32</u>		

- b) When a Stage 4 - Water Use Curtailment stage has been implemented, a surcharge of **\$2.00** for each 1,000 gallons above **10,000** gallons monthly usage per meter equivalent will be imposed for Residential and Commercial and Multi-family customers. For Industrial and Institutional customers, a surcharge of **\$.50** for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure.
- c) For any customer whose meter equivalent is 1, water service will be restored after the first disconnection for a fee of **\$50**. For any customer whose meter equivalent is more than 1, water service will be restored after the first disconnection for a fee of **\$50 per meter equivalent**. After the second disconnection, water service will be restored only after a second fee of \$50 per meter equivalent has been paid and a flow restriction device has been installed at the customer's meter at the customer's expense. This device will remain connected to the customer's meter until the Corporation returns to Stage 2 or less. After the third disconnection, water service will be restored only after a third fee of \$100 per meter equivalent has been paid.
- d) The above surcharges and termination provisions will not apply if the water used resulted from a loss of water (ie, water leak) through no fault of the customer. The customer will have to prove that immediate steps were taken to correct the leak after its discovery and that the customer was not in any way negligent in causing or permitting the loss of water.
- e) The limits, charges, and other requirements of this Water Rationing Plan will be in effect for water used on or after the date these limits. Changes and other requirements are to become effective as published by the General Manager.

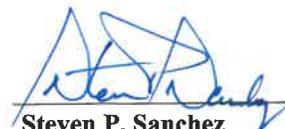
AMENDED this 17th day of September, 2019 at a duly called, noticed, and convened meeting of the Board of Directors of the North Alamo Water Supply Corporation.



ATTEST:


Derrick Swanberg
Secretary- Treasurer


Steve D. Krenek
President


Steven P. Sanchez
General Manager

North Alamo Water Supply Corporation

Targets for water use reductions to be achieved during periods of water shortage and drought for each stage of the drought contingency plan

Stage 1 reduce the average daily water consumption by: %

Stage 2 reduce the average daily water consumption by: %

Stage 3 reduce the average daily water consumption by: %

Stage 4 reduce the average daily water consumption by: %

****As per 2019 drought contingency plan***

WATER CONSERVATION PLAN 5- AND 10-YR GOALS FOR WATER SAVINGS

Facility Name: North Alamo WSC

Water Conservation Plan Year: 2019

	Historic 5yr Average	Baseline	5-yr Goal for year <u>2024</u>	10-yr Goal for year <u>2029</u>
Total GPCD ¹	155	141	128	125
Residential GPCD ²	109	127	90	88
Water Loss (GPCD) ³	17	14	12	11
Water Loss (Percentage) ⁴	11 %	10 %	9%	9 %

1. Total GPCD = (Total Gallons in System ÷ Permanent Population) + 365

2. Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) + 365

3. Water Loss GPCD = (Total Water Loss ÷ Permanent Population) + 365

4. Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

North Alamo Water Supply Corporation
5-year and 10-year Targets and Goals for water savings
2019 Water Conservation Plan

Description	Current 5-year Average (gpcd)	5-year Goal (gpcd)	10-year Goal (gpcd)
Total avg. residential GPCD (2014-2018)	109		
Water Conservation Goals		90	88

*Current average residential consumption gpcd as per 2019 TWDB Utility Profile

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: North Alamo Water Supply Corporation

Public Water Supply Identification Number (PWS ID): 1080029

Certificate of Convenience and Necessity (CCN) Number: 10553

Surface Water Right ID Number: 0240-000

Wastewater ID Number: 20645

Completed By: Robert Rodriguez Title: Water Operations Manager

Address: 420 S. Doolittle Road City: Edinburg Zip Code: 78542

Email: [REDACTED] Telephone Number: (956) 383-1618

Date: 9/17/19

Regional Water Planning Group: M [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: 973
 (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
2018	159,828		
2017	155,295		
2016	149,829		
2015	145,465		
2014	141,228		

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	162,960		
2030	201,502		
2040	240,156		
2050	278,948		
2060	317,715		

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

Previous 5 years population was calculated using 3.57 persons per household census 2013-2017 data for Hidalgo, Cameron, and Willacy Counties multiplied by the yearly number of residential connections. Population projections for years 2020-2060 were based on the TWDB Regional Water Plan Population Projections for North Alamo WSC.

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
2018	1,560,309,000	7,195,906,900	67,201,100	8,689,014,800	149
2017	1,470,272,000	7,348,801,000	61,844,100	8,757,228,900	154
2016	1,795,438,000	7,284,418,700	103,291,700	8,976,565,000	164
2015	1,716,890,000	6,094,953,700	96,353,700	7,715,490,000	145
2014	2,020,465,500	6,365,196,200	60,504,900	8,325,156,800	162
Historic 5-year Average	1,712,674,900	6,857,855,300	77,839,100	8,492,691,100	155

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

- Designed daily capacity of system 32,000,000 gallons per day.
- Storage Capacity:
 Elevated 5,000,000 gallons
 Ground 11,300,000 gallons
- List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
IRRIGATION DISTRICTS	Surface	5,443,604,900
N CAMERON	Surface	191,993,000
CITIES	Surface	58,164,200
	Choose One	
	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 163,873 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)
2019	161,857	5,403,182,250
2020	166,713	5,565,277,718
2021	171,714	5,732,236,049
2022	176,865	5,904,203,131
2023	182,171	6,081,329,225
2024	187,637	6,263,769,101
2025	193,266	6,451,682,175
2026	199,064	6,645,232,640
2027	205,036	6,844,589,619
2028	211,187	7,049,927,308

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

Projections were calculated and assumed to be proportional to average population growth of 3.0% for 2014-2018. As population, demand was also assumed to increase by 3.0% per year.

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
PICT SWEET CO	Commercial	137,355,100	Treated
EDINBURG CISD	Commercial	89,865,300	Treated
PSJA ISD	Commercial	55,900,600	Treated
WILDER CORPORATION	Commercial	22,491,400	Treated
DONNA ISD	Commercial	21,973,900	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.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
PORT MANSFIELD	Municipal	31,742,700	Treated
CITY OF EDINBURG	Municipal	28,375,600	Treated
QUIET VILLAGE UTILITY	Commercial	2,385,300	Treated
SEBASTIAN MUD	Municipal	2,121,300	Treated
MILITARY HWY WSC	Municipal	1,414,800	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.](#)

F. Utility Data Comment Section

Provide additional comments about utility data below.

Section II: System Data

A. Retail Connections

- 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	44,770		44,770	96%
Residential – Multi-family (units)	1,889		1,889	4%
Industrial	6		6	0%
Commercial	5		5	0%
Institutional	198		198	0%
Agricultural	0		0	0%
TOTAL	46,868	0	46,868	

*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.](#)

- 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				
	2018	2017	2016	2015	2014
Residential – Single Family	44,770	43,500	41,969	40,747	39,560
Residential – Multi-family (units)	1,899	1,853	1,772	1,720	1,670
Industrial	6	6	6	6	6
Commercial	5	5	5	5	5
Institutional	198	164	193	188	183
Agricultural	0	0	0	0	0
TOTAL	46,878	45,528	43,945	42,666	41,424

*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				
	2018	2017	2016	2015	2014
Residential - Single Family	5,245,808,010	5,297,064,000	6,107,727,600	6,048,627,384	5,990,099,040
Residential – Multi-family	674,521,600	688,473,700	516,668,000	506,197,588	495,939,361
Industrial	144,126,950	131,473,300	11,617,900		
Commercial	859,090	862,300	48,300		
Institutional	275,326,750	359,685,500	19,789,700		
Agricultural	0	0	0	0	0
TOTAL	6,340,642,400	6,477,558,800	6,655,851,500	6,554,824,972	6,486,038,401

*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				
	2018	2017	2016	2015	2014
Residential - Single Family	91	95	114	116	118
Residential – Multi-family	277	290	227	229	231

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				
	2018	2017	2016	2015	2014
January	459,633,800	471,577,900	433,082,700	367,176,300	359,295,700
February	434,379,900	476,035,000	417,147,500	349,490,500	396,774,000
March	461,664,900	435,683,700	515,749,100	358,881,300	413,901,700
April	533,353,300	481,327,600	459,359,400	381,414,300	386,735,800
May	563,626,200	549,854,000	541,969,800	395,952,500	514,601,400
June	669,097,800	633,604,600	517,171,500	438,832,900	571,523,600
July	564,910,900	665,364,600	589,492,600	445,790,500	618,341,300
August	660,380,200	689,318,400	634,981,100	581,443,800	691,739,600
September	623,635,500	641,294,100	602,778,600	560,130,400	585,988,000
October	490,565,800	518,969,600	544,520,100	484,424,000	425,615,000
November	425,636,300	461,844,400	507,175,100	412,589,000	412,374,900
December	453,757,800	452,681,900	429,452,800	435,228,400	386,328,000
TOTAL	6,340,642,400	6,477,555,800	6,192,880,300	5,211,353,900	5,763,219,000

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

Month	Total Gallons of Raw Retail Water				
	2018	2017	2016	2015	2014
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL	0	0	0	0	0

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2018	2017	2016	2015	2014	
Summer Retail (Treated + Raw)	1,894,388,900	1,988,287,600	1,741,645,200	1,466,067,200	1,881,604,500	1,794,398,680 5yr Average
TOTAL Retail (Treated + Raw)	6,340,642,400	6,477,555,800	6,192,880,300	5,211,353,900	5,763,219,000	5,997,130,280 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
2018	721,209,200	12	8%
2017	833,956,700	15	10%
2016	1,035,101,600	19	12%
2015	1,060,344,320	20	14%
2014	862,435,700	17	10%
5-year average	902,609,504	17	11%

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)
2018	2,053,000	2,668,000	1.30
2017	2,119,000	2,754,000	1.30
2016	2,073,000	2,695,000	1.30
2015	1,834,000	2,384,000	1.30
2014	1,728,000	2,246,000	1.30

G. Summary of Historic Water Use

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	5,737,865,207	96%	0%
Residential MF	576,360,050	4%	0%
Industrial	57,443,630	0%	0%
Commercial	353,938	0%	0%
Institutional	130,960,390	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.)

1. Design capacity of wastewater treatment plant(s): 1
gallons per day.
2. 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		4,500	4,500	100%
Industrial			0	0%
Commercial			0	0%
Institutional			0	0%
Agricultural			0	0%
TOTAL	0	4,500	4,500	

2. What percent of water is serviced by the wastewater system? 10%
3. For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2018	2017	2016	2015	2014
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December	582,139,986	158,252,739	200,202,762		
TOTAL	582,139,986	158,252,739	200,202,762	0	0

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	208,160,986
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other Belt Filter Press Booster Pump	3,000,000
TOTAL	211,160,986

C. Wastewater System Data Comment

Provide additional comments about wastewater system data below.

The Donna Regional Wastewater Treatment Plant has a non potable water system that is only utilize for the Belt Filter press when in operations only.

Records were not found for years prior to 2016. Only totals for the year are shown on table for treated wastewater information.

Municipal connections number is for total wastewater connections currently serviced.

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.

**Texas Commission on Environmental Quality
TELEPHONE MEMO TO THE FILE**

Call to: Ms. Luann Ochoa	Call from: Jenna Rollins, Leslie Patterson, and Kristin Wang
Date: 8/18/22	Project No: 23-240AB
<i>Information for File follows:</i> This was a phone call to the applicant to discuss their partial RFI response submitted on 8/16/22 and additional information that was needed for administrative completeness.	
Signed: <i>Jenna Rollins</i>	Date: 8/18/22

Jenna Rollins

From: [REDACTED]
Sent: Tuesday, August 16, 2022 5:11 PM
To: Jenna Rollins
Subject: RE: North Alamo WSC App No. 23-240AB RFI
Attachments: RFI - Attachment No. 1 - Summary of Request.pdf; RFI - Attachment No. 2 - Worksheet 1-1-10214c .pdf; Attach-3A- Form-10218 NAWSC Utility Profile - Water Conserv Plan..pdf; Attach-3B-081622-Stage 3 Water Conservation Announcement 2022.pdf; Attach-3C-081622-WCAReport 2021.pdf; Attach-4A8-16-22-DC and Emerg Rationing P.pdf; nawsc utility profile 2019 complete.pdf

Good afternoon, Jenna -

Thank you for the RFI for 23-240AB.

In response to your RFI, attached please find documents responsive to the following:

1. "Summary of Request" referenced on the Administrative Information Report, page 2.

See RFI - Attachment No. 1

2. Provide a completed Worksheet 1.1 (Interbasin Transfers) if the applicant nis requesting an exempt interbasin transfer to the Nueces Rio Grande Coastal Basin for those portions of Certificate of Adjudication Nos. 23-401 and 23-804 being severed and combined into Certificate of Adjudication No. 23-240.

See RFI-Attachment No. 2. (We have also added this provision to the "Summary of Request" above.)

3. Prvide a completed Water Conservation Plan for Municipal Use (TCEQ Form 10218 and Form 20162) as referenced in *Worksheet 6.0 Water Conservation/Drought Contingency Plans*.

See RFI - Attachment No. 3A - Utility Profile - Water Conservation Plan,
Attachment No. 3B - Water Conservation. Announcement, and
Attachment No. 3C - Water Conservation Plan - Annual Report.

4. Provide a completed Drought Contingency Plan for Municipal Use (TEQ Form 2091 and Form 20193) as referenced in *Worksheet 6.0 Water Conservation/Drought Contingency Plans*.

See RFI - Attachment No. 4 - Drought Contingency and Emergency Rationing Plan.

See also Utility Profile

Please note also the Instructions per TCEQ's Website:

What to Include

The TCEQ has developed guidance and model drought contingency plans to help entities prepare plans and reports (below). Entities may use the model plans with their pertinent information included or submit their own plans and reports with all required information. Generally, if you follow the instructions/checklists on the forms provided, and consult the appropriate rules noted above, the requirements will be met.

- For **retail public water suppliers** (TCEQ-20191)  [TCEQ-20191](#)
- For **wholesale public water suppliers** (TCEQ-20193)  [TCEQ-20193](#)
- For **irrigation districts** (TCEQ-20192)  [TCEQ-20192](#)

We trust the documents attached hereto are responsive to your requests in the RFI. If you need additional information or documents, please let us know.

Thank you.

Have a great evening -

Luann Ochoa, Paralegal

Fryer & Hansen, PLLC
1352 W. Pecan Blvd.
McAllen, TX 78501
Office (956)686-6606
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SUMMARY OF REQUEST

Pursuant to the Texas Water Code and the Commission's Rules and Regulations, North Alamo Water Supply Corporation, a water supply corporation ("Applicant" or "North Alamo WSC"), hereby makes the following requests of the Commission:

A. North Alamo WSC holds 64.21 acre-feet of municipal use water rights acquired from Santa Cruz Irrigation District No. 15 (COA 23-804) as the result of a Subchapter O water rights petition. North Alamo WSC requests that the Commission:

1. Sever the 64.21 acre-feet of municipal use water from COA 23-804 and combine it into its COA 23-240; and
2. change the place of diversion and place of use to those points of diversion authorized under 23-240 for use within North Alamo WSC's certificated area (in Willacy, Cameron and Hidalgo counties).

B. North Alamo WSC holds 250 acre-feet of municipal use water rights (converted from 625 acre feet of Class "B" water rights) under COA 23-401A which were acquired from Richard Doffing, et al. North Alamo WSC requests that the Commission:

1. consolidate the 250-acre feet of municipal use water rights from 23-401 into its COA 23-240.

As grounds for this Application, Applicant would state as follows:

1. (a) Santa Cruz Irrigation District #15, a political subdivision of the State of Texas, has conveyed the 64.21 acre-feet of municipal use water rights to North Alamo WSC from its Certificate of Adjudication No. 23-804 as reflected in the TCEQ Water Rights Change of Ownership Memorandum dated April 5, 2021, a copy of same being included with this Application.

(b) Richard Doffing, et al, has conveyed the 250 acre-feet municipal use water rights to North Alamo WSC from its COA No. 23-401 as reflected in the TCEQ Water Rights Change of Ownership Memorandum dated February 22, 2022, a copy of same being included with this Application.
2. (a) The existing place of use of the 64.21 acre-feet of Water Rights of Applicant is in Hidalgo County, Texas; and

(b) The proposed new place of use of the 64.21 acre-feet of Water Rights is within the service area of Applicant in Hidalgo, Cameron and Willacy Counties, Texas, as it presently exists, or as it is hereafter changed.

3. The proposed new diversion points for the 64.21 acre-feet of are the diversion points of Applicant maintained in association with COA No. 23-240, as amended, owned by North Alamo WSC. The location of the diversion points are well known to the Rio Grande Water Master and are described in the Commission's records.

C. Applicant requests that the Commission issue an Order severing the Water Rights from the other water rights evidenced by COA No. 23-804 and COA No. 23-401, respectfully, and combining the Water Rights with other water rights owned by North Alamo WSC pursuant to COA No. 23-240, as amended.

D. Applicant requests an exempt interbasin transfer to the Nueces Rio Grande Coastal Basin for those portions of Certificate of Adjudication Nos. 23-401 and 23-804 owned by the applicant to authorize Applicant's use of the water rights within both the Rio Grande Basin and in the Nueces Rio Grande Coastal Basin.

E. Applicant states that the change in point of diversion and place of use for the 64.21 acre-feet of Water Rights as requested herein, does not contemplate an increased consumptive use of water or rate of diversion which would harm any other existing water rights holders on the Rio Grande below Amistad and Falcon Reservoirs; and will not prejudice any other water rights holder on the Rio Grande below Amistad Reservoir.

F. Applicant has submitted the required fees.

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 ^{Yes}_____

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

- Rio Grande, Rio Grande Basin
- a. Provide the Basin of Origin. _____
- b. Provide the quantity of water to be transferred (acre-feet). 314.21 A/F _____
- c. Provide the Basin(s) and count(y/ies) where use will occur in the space below:

Applicant requests an exempt interbasin transfer to the Nueces Rio Grande Coastal Basin for ~~those portions of COA Nos. 23-401 and 23-804 being severed and combined into COA~~ 23-240.

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/NN
- b. The proposed transfer is from a basin to an adjoining coastal basin? Y/NY
- 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/NY
- 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_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.



Texas Commission on Environmental Quality

Water Availability Division

MC-160, P.O. Box 13087 Austin, Texas 78711-3087

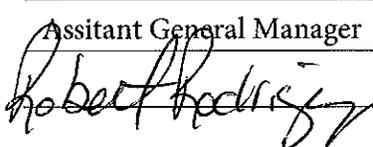
Telephone (512) 239-4691, FAX (512) 239-2214

Utility Profile and Water Conservation Plan Requirements for Municipal Water Use by Retail Public Water Suppliers

This form is provided to assist retail public water suppliers in water conservation plan development. If you need assistance in completing this form or in developing your plan, please contact the Conservation staff of the Resource Protection Team in the Water Availability Division at (512) 239-4691.

Water users can find best management practices (BMPs) at the Texas Water Development Board's website <http://www.twdb.texas.gov/conservation/BMPs/index.asp>. The practices are broken out into sectors such as Agriculture, Commercial and Institutional, Industrial, Municipal and Wholesale. BMPs are voluntary measures that water users use to develop the required components of Title 30, Texas Administrative Code, Chapter 288. BMPs can also be implemented in addition to the rule requirements to achieve water conservation goals.

Contact Information

Name of Water Supplier:	North Alamo Water Supply Corporation	
Address:	420 S. Doolittle Road, Edinburg, TX 78542	
Telephone Number:	Ø56)383-1618	Fax: (956) 383-1372
Water Right No.(s):	0240-000	
Regional Water Planning Group:	Rio Grande Regional Water Planning Group	
Water Conservation Coordinator (or person responsible for implementing conservation program):	Robert Rodriguez Assitant General Manager	Phone: (956) 383-1618
Form Completed by:	Robert Rodriguez	
Title:	Assitant General Manager	
Signature:		Date: 12/28/2020

A water conservation plan for municipal use by retail public water suppliers must include the following requirements (as detailed in 30 TAC Section 288.5). If the plan does not provide information for each requirement, you must include in the plan an explanation of why the requirement is not applicable.

Utility Profile

I. POPULATION AND CUSTOMER DATA

A. *Population and Service Area Data*

1. Attach a copy of your service-area map and, if applicable, a copy of your Certificate of Convenience and Necessity (CCN). Attached
2. Service area size (in square miles): 973
(Please attach a copy of service-area map)
3. Current population of service area: 162,960
4. Current population served for:
 - a. Water -162,960
 - b. Wastewater -16,065

5. Population served for previous five years:

<i>Year</i>	<i>Population</i>
2019	161,857
2018	159,828
2017	155,295
2016	149,829
2015	145,465

6. Projected population for service area in the following decades:

<i>Year</i>	<i>Population</i>
2020	162,960
2030	201,502
2040	240,156
2050	278,948
2060	317,715

7. List source or method for the calculation of current and projected population size.

Previous 5 years population was calculated using 3.57 persons per household census 2013-2017 data for Hidalgo, Cameron, and Willacy Counties multiplied by the yearly number of residential connections.

Population projections for years 2020-2060 were based on the TWDB Regional Water Plan Population Projections for North Alamo WSC.

B. Customer Data

Senate Bill 181 requires that uniform consistent methodologies for calculating water use and conservation be developed and available to retail water providers and certain other water use sectors as a guide for preparation of water use reports, water conservation plans, and reports on water conservation efforts. A water system must provide the most detailed level of customer and water use data available to it, however, any new billing system purchased must be capable of reporting data for each of the sectors listed below. http://www.tccq.texas.gov/assets/public/permitting/watersupply/water_rights/sb181_guidance.pdf

1. Quantified 5-year and 10-year goals for water savings:

	<i>Historic 5-year Average</i>	<i>Baseline</i>	<i>5-year goal for year</i>	<i>10-year goal for year</i>
Total GPCD	155	141	128	125
Residential GPCD	109	127	90	88
Water Loss GPCD	17	14	12	11
Water Loss Percentage	11%	10%	9%	9%

Notes:

Total GPCD = (Total Gallons in System ÷ Permanent Population) ÷ 365

Residential GPCD = (Gallons Used for Residential Use ÷ Residential Population) ÷ 365

Water Loss GPCD = (Total Water Loss ÷ Permanent Population) ÷ 365

Water Loss Percentage = (Total Water Loss ÷ Total Gallons in System) x 100; or (Water Loss GPCD ÷ Total GPCD) x 100

2. Current number of active connections. Check whether multi-family service is counted as Residential or Commercial?

<i>Treated Water Users</i>	<i>Metered</i>	<i>Non-Metered</i>	<i>Totals</i>
Residential			
Single-Family	44,770	0	44,770
Multi-Family	1,889	0	1,889
Commercial	5	0	5
Industrial/Mining	6	0	6
Institutional	198	0	198
Agriculture	0	0	0
Other/Wholesale			

3. List the number of new connections per year for most recent three years.

Year	2018	2017	2016
<i>Treated Water Users</i>			
Residential			
Single-Family	44,770	43,500	41,969
Multi-Family	1,899	1,853	1,772
Commercial	5	5	5
Industrial/Mining	6	6	6
Institutional	198	164	193
Agriculture	0	0	0
Other/Wholesale			

4. List of annual water use for the five highest volume customers.

<i>Customer</i>	<i>Use (1,000 gal/year)</i>	<i>Treated or Raw Water</i>
PICT SWEET CO	137,355	TREATED
EDINBURG CISD	89,865	TREATED
PSJA ISD	55,900	TREATED
WILDER CORP	22,491	TREATED
DONNA ISD	21,973	TREATED

II. WATER USE DATA FOR SERVICE AREA

A. Water Accounting Data

1. List the amount of water use for the previous five years (in 1,000 gallons).

Indicate whether this is diverted or treated water.

<i>Year</i>	2018	2017	2016	2015	2014
<i>Month</i>					
January	459,633,800	471,577,900	433,082,700	367,176,300	359,295,700
February	434,379,900	476,035,000	417,147,500	349,490,500	396,774,000
March	461,664,900	435,683,700	515,749,100	358,881,300	413,901,700
April	533,353,300	481,327,600	459,359,400	381,414,300	386,735,800
May	563,626,200	549,854,000	541,969,800	395,952,500	514,601,400
June	669,097,800	633,604,600	517,171,500	438,832,900	571,523,600
July	564,910,900	665,364,600	589,492,600	445,790,500	618,341,300
August	660,380,200	689,318,400	634,981,100	581,443,800	691,739,600
September	623,635,500	641,294,100	602,778,600	560,130,400	585,988,000
October	490,565,800	518,969,600	544,520,100	484,424,000	425,615,000
November	425,636,300	461,844,400	507,175,100	412,589,000	412,374,900
December	453,757,800	452,681,900	429,452,800	435,228,400	386,328,000
Totals	6,340,642,400	6,477,555,800	6,192,880,300	5,211,353,900	5,763,219,000

2. Describe how the above figures were determined (e.g, from a master meter located at the point of a diversion from the source or located at a point where raw water enters the treatment plant, or from water sales).

Water Sales

3. Amount of water (in 1,000 gallons) delivered/sold as recorded by the following account types for the past five years.

<i>Year</i>	2018	2017	2016	2015	2014
<i>Account Types</i>					
Residential					
Single-Family	5,245,808	5,297,064	6,107,727	6,048,627	5,990,099
Multi-Family	674,521	688,473	516,668	506,197	495,939
Commercial	859	862	48		
Industrial/Mining	144,126	131,473	11,617		
Institutional	275,326	359,685	19,789		
Agriculture	0	0	0		
Other/Wholesale					

4. List the previous records for water loss for the past five years (the difference between water diverted or treated and water delivered or sold).

<i>Year</i>	<i>Amount (gallons)</i>	<i>Percent %</i>
2018	721,209,200	8
2017	833,956,700	10
2016	1,035,101,600	12
2015	1,060,344,320	14
2014	862,435,700	10

B. Projected Water Demands

1. If applicable, attach or cite projected water supply demands from the applicable Regional Water Planning Group for the next ten years using information such as population trends, historical water use, and economic growth in the service area over the next ten years and any additional water supply requirements from such growth.

III. WATER SUPPLY SYSTEM DATA

A. Water Supply Sources

1. List all current water supply sources and the amounts authorized (in acre feet) with each.

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
-------------------	---------------	--------------------------

	Irrigation Districts, N Cameron and Cities	18,273
Surface Water		
Groundwater		
Other		

B. Treatment and Distribution System (if providing treated water)

1. Design daily capacity of system (MGD): 32
2. Storage capacity (MGD):
 - a. Elevated - 5
 - b. Ground 11.3
3. If surface water, do you recycle filter backwash to the head of the plant?
 Yes No If yes, approximate amount (MGD): 163,873

IV. WASTEWATER SYSTEM DATA

A. Wastewater System Data (if applicable)

1. Design capacity of wastewater treatment plant(s) (MGD): 1
2. Treated effluent is used for on-site irrigation, off-site irrigation, for plant wash-down, and/or for chlorination/dechlorination.

If yes, approximate amount (in gallons per month): 17,346,748

3. Briefly describe the wastewater system(s) of the area serviced by the water utility. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.

The Corporation's wastewater collection system consists of 29 miles of pipelines ranging in size from 6" to 12". There are nine lift stations and five grinder stations which collect and transfer the wastewater to the Corporation's four wastewater treatment plants.

B. Wastewater Data for Service Area (if applicable)

1. Percent of water service area served by wastewater system: 10 %
2. Monthly volume treated for previous five years (in 1,000 gallons):

<i>Year</i>	2018	2017	2016
<i>Month</i>			
January			
February			
March			

April					
May					
June					
July					
August					
September					
October					
November					
December					
Totals	582,139	158,252	200,202		

Water Conservation Plan

In addition to the utility profile, please attach the following as required by Title 30, Texas Administrative Code, §288.2. Note: If the water conservation plan does not provide information for each requirement, an explanation must be included as to why the requirement is not applicable.

A. *Record Management System* Included in current plan

The water conservation plan must include a record management system which allows for the classification of water sales and uses in to the most detailed level of water use data currently available to it, including if possible, the following sectors: residential (single and multi-family), commercial.

B. *Specific, Quantified 5 & 10-Year Targets* Included in current plan

The water conservation plan must include specific, quantified five-year and ten-year targets for water savings to include goals for water loss programs and goals for municipal use in gallons per capita per day. Note that the goals established by a public water supplier under this subparagraph are not enforceable. These goals must be updated during the five-year review and submittal.

C. *Measuring and Accounting for Diversions* Included in current plan

The water conservation plan must include a statement about the water suppliers metering device(s), within an accuracy of plus or minus 5.0% in order to measure and account for the amount of water diverted from the source of supply.

D. *Universal Metering* Included in current plan

The water conservation plan must include and a program for universal metering of both customer and public uses of water, for meter testing and repair, and for periodic meter replacement.

E. *Measures to Determine and Control Water Loss* Included in current plan

The water conservation plan must include measures to determine and control water loss (for example, periodic visual inspections along distribution lines; annual or monthly audit of the water system to determine illegal connections; abandoned services; etc.).

F. *Continuing Public Education & Information* Included in current plan

The water conservation plan must include a description of the program of continuing public education and information regarding water conservation by the water supplier.

G. *Non-Promotional Water Rate Structure* Included in current plan

The water supplier must have a water rate structure which is not "promotional," i.e., a rate structure which is cost-based and which does not encourage the excessive use of water. This rate structure must be listed in the water conservation plan.

H. *Reservoir Systems Operations Plan* N/A

The water conservation plan must include a reservoir systems operations plan, if applicable, providing for the coordinated operation of reservoirs owned by the applicant within a common watershed or river basin in order to optimize available water supplies.

I. Enforcement Procedure and Plan Adoption Included in current plan

The water conservation plan must include a means for implementation and enforcement, which shall be evidenced by a copy of the ordinance, rule, resolution, or tariff, indicating official adoption of the water conservation plan by the water supplier; and a description of the authority by which the water supplier will implement and enforce the conservation plan.

J. Coordination with the Regional Water Planning Group(s) Included in current plan

The water conservation plan must include documentation of coordination with the regional water planning groups for the service area of the public water supplier in order to ensure consistency with the appropriate approved regional water plans.

K. Plan Review and Update Included in current plan

A public water supplier for municipal use shall 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. The public water supplier for municipal use shall review and update the next revision of its water conservation plan not later than May 1, 2009, and every five years after that date to coincide with the regional water planning group. The revised plan must also include an implementation report.

VI. ADDITIONAL REQUIREMENTS FOR LARGE SUPPLIERS

Required of suppliers serving population of 5,000 or more or a projected population of 5,000 or more within the next ten years:

A. Leak Detection and Repair Included in current plan

The plan must include a description of the program of leak detection, repair, and water loss accounting for the water transmission, delivery, and distribution system in order to control unaccounted for uses of water.

B. Contract Requirements

A requirement in every wholesale water supply contract entered into or renewed after official adoption of the plan (by either ordinance, resolution, or tariff), and including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using the applicable elements in this chapter. If the customer intends to resell the water, the contract between the initial supplier and customer must provide that the contract for the resale of the water must have water conservation requirements so that each successive customer in the resale of the water will be required to implement water conservation measures in accordance with the provisions of this chapter.

VII. ADDITIONAL CONSERVATION STRATEGIES

Any combination of the following strategies shall be selected by the water supplier, in addition to the minimum requirements of 30 TAC §288.2(1), if they are necessary in order to achieve the stated water conservation goals of the plan. The commission may require by commission order that any of the following strategies be implemented by the water supplier if the commission determines that the strategies are necessary in order for the conservation plan to be achieved:

1. Conservation-oriented water rates and water rate structures such as uniform or increasing block rate schedules, and/or seasonal rates, but not flat rate or decreasing block rates;
2. Adoption of ordinances, plumbing codes, and/or rules requiring water conserving plumbing fixtures to be installed in new structures and existing structures undergoing substantial modification or addition;
3. A program for the replacement or retrofit of water-conserving plumbing fixtures in existing structures;
4. A program for reuse and/or recycling of wastewater and/or graywater;
5. A program for pressure control and/or reduction in the distribution system and/or for customer connections;
6. A program and/or ordinance(s) for landscape water management;
7. A method for monitoring the effectiveness and efficiency of the water conservation plan; and
8. Any other water conservation practice, method, or technique which the water supplier shows to be appropriate for achieving the stated goal or goals of the water conservation plan.

VIII. WATER CONSERVATION PLANS SUBMITTED WITH A WATER RIGHT APPLICATION FOR NEW OR ADDITIONAL STATE WATER

Water Conservation Plans submitted with a water right application for New or Additional State Water must include data and information which:

1. support the applicant's proposed use of water with consideration of the water conservation goals of the water conservation plan;
2. evaluates conservation as an alternative to the proposed appropriation; and
3. evaluates any other feasible alternative to new water development including, but not limited to, waste prevention, recycling and reuse, water transfer and marketing, regionalization, and optimum water management practices and procedures.

Additionally, it shall be the burden of proof of the applicant to demonstrate that no feasible alternative to the proposed appropriation exists and that the requested amount of appropriation is necessary and reasonable for the proposed use.

Stage 3 Water Conservation Announcement

The directive by The Board of Directors, or their designee (the General Manager), to implement or terminate Conservation Stages 2 through 4 will be made by a direct mail-out to each member customer or by public announcement, and published a minimum of one time in at least three newspapers of general circulation in the Corporation's service area before the dates of implementation. The dates for implementation of Stages 3 and 4 will be as follows:

Billing Cycle	Implementation Date
1	5 th of the month following the date of the announcement (9/5/22)
2	15 th of the month following the date of the announcement (9/15/22)
3	25 th of the month following the date of the announcement (9/25/22)

To determine your billing cycle, take a look at your account number as shown on your water bill. Disregard the "4500" in the account number and look at the very next digit – this determines your billing cycle. For example, if the account number shown is 45001, then your billing cycle is 1.

- The highest priority of water use during any Stage will be for human consumption, fire protection, and the watering of livestock. However, if an alternative source of water is available for the watering of livestock, the customer should take the necessary steps to obtain water from the alternative source.
- All new wholesale water contracts and/or contract renewals and extensions shall include a provision that in the case of shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code, 11.039.

Stage 3 – Mandatory Water Conservation

- Stage 3 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 23% of capacity. (Currently at 22.9)
- During Stage 3, the Corporation will aim to reduce per capita consumption by 2 percent.
- Upon reaching this stage, all customers will be notified by public announcement and publication of notice, or by direct mail-out that mandatory conservation practices have been implemented. All Corporation owned facilities and operations will continue on mandatory conservation practices. If any provision in Stage 2 conflicts with a provision in Stage 3, the Stage 3 provision will control.
- The voluntary lawn watering schedule will become mandatory.
- Industrial customers, wholesale customers, and certain commercial customers will be required to implement their individual Water Rationing Plans as previously submitted and approved.
- The following items will be restricted:
 - Noncommercial washing of any vehicle or other mobile equipment may be done only with a handheld hose equipped with a positive shut-off nozzle or with a hand-held bucket or can

with a capacity of 5 gallons or less between the hours of 6:00 AM to 9:00 A.M. and 7:00 P.M. to 9:00 P.M

- o Commercial washing of any vehicle or other mobile equipment will be limited to the immediate premises of a commercial washing facility.
- The following items will be prohibited:
 - o Water allowed to run off yards, plants, or other vegetation into gutters, streets, or roads (such will be deemed a waste of water).
 - o The use of potable water to irrigate land that is irrigable.
 - o The exterior washing of any house, trailer house, or any structure.
 - o The use of water to wash down sidewalks, driveways, or any hard surface.
 - o Continued use of defective plumbing in a home, business, or any location.
 - o The use of fire hydrants for any purpose other than firefighting.
 - o The use of water for dust control.

Lawn Watering Schedule

Customers may water their lawns only on the days shown below between the hours of 6:00 AM to 9:00 AM and between the hours of 8:00 PM to 10:00 PM:

Route	Billing Cycle	Permitted Watering Days
11 – 19	1	Mondays & Thursdays
20 – 29	2	Tuesdays & Fridays
30 – 43	3	Wednesdays & Saturdays

Surcharges, Fees

- When a Stage 3 - Mandatory Conservation state has been implemented, a surcharge of \$1.00 for each 1,000 gallons above 10,000 gallons monthly usage per meter equivalent will be imposed for Residential, Commercial, and Multi-family customers. For Industrial and Institutional customers, a surcharge of \$.25 for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure. Wholesale customers will be billed on a contractual basis, as per existing agreements between the Corporation and them. A meter equivalent is based upon meter size and is defined as follows:

5/8" – 1 1" – 2 1.5" – 4 2" – 8 3" – 16 4.0" – 32

- When a Stage 4 – Water Use Curtailment stage has been implemented, a surcharge of \$2.00 for each 1,000 gallons above 10,000 gallons monthly usage per meter equivalent will be imposed for

Residential, Commercial, and Multi-Family customers. For Industrial and Institutional customers, a surcharge of \$.50 for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure. Wholesale customers will be billed on a contractual basis, as per existing agreements between the Corporation and them.

- For any customer whose meter equivalent is 1, water service will be restored after the first disconnection for a fee of \$50. For any customer whose meter equivalent is more than 1, water service will be restored after the first disconnection for a fee of \$50. per meter equivalent. After the second disconnection, water service will be restored only after a second fee of \$50. per meter equivalent has been paid and a flow restriction device has been installed the customer's meter at the customer's expense. This device will remain connected to the customer's meter until the Corporation returns to Stage 2 or less. After the third disconnection, water service will be restored only after a third fee of \$100. per meter equivalent has been paid.
- The above surcharges and termination provisions will not apply if the water used resulted from a loss of water (ie., water leak) through no fault of the customer. The customer will have to prove that immediate steps were taken to correct the leak after its discovery and that the customer was not in any way negligent in causing or permitting the loss of water.
- The limits, charges, and other requirements of the Water Rationing Plan will be in effect for water used on or after the date these limits. Changes and other requirements are to become effective as published by the General Manager.

If you would like to obtain a copy of our Drought Contingency and Emergency Rationing Plan you may log in to our website: nawsc.com. To obtain a copy of this Water Conservation Announcement in Spanish please call our office at 956-383-1618.

Para obtener una copia de este Anuncio de conservación del agua en español, llame a nuestra oficina al 956-383-1618.

General Manager

Water Conservation Plan Annual Report Retail Water Supplier

CONTACT INFORMATION

Name of Utility: NORTH ALAMO WSC
Public Water Supply Identification Number (PWS ID): TX1080029
Certification of Convenience and Necessity (CCN) Number: 10553
Surface Water Right ID Number: 240-M, 461-D, 832-C
Wastewater ID Number: 20645

Check all that apply:

- Retail Water Supplier
- Wholesale Water Supplier
- Wastewater Treatment Utility

Address: 420 S. Doolittle Road City: Edinburg Zip Code: 78539

Email: rrodriguez@nawsc.com Telephone Number: 9563831618

Regional Water Planning Group: M

Groundwater Conservation District: _____

Contact: First Name: Robert Last Name: Rodriguez

Title: Asst General Manager &
Water Operations
Manager

Is this person the designated Conservation Coordinator? Yes No

Regional Water Planning Group: M

Groundwater Conservation District: _____

Reporting Period (Calendar year):

Period Begin (mm/yyyy): 01/2021 Period End (mm/yyyy): 12/2021

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

SYSTEM DATA

1. For this reporting period, select the category(s) used to classify customer water usage:

Retail Customer Water Usage Categories	
<input checked="" type="checkbox"/>	Residential - Single Family
<input checked="" type="checkbox"/>	Residential - Multi-family
<input checked="" type="checkbox"/>	Industrial
<input checked="" type="checkbox"/>	Commercial
<input checked="" type="checkbox"/>	Institutional
<input type="checkbox"/>	Agricultural

Retail Customers Categories*

- Residential Single Family
- Residential Multi-Family
- Industrial
- Commercial
- Institutional
- Agricultural

*Recommended Customer Categories for classifying customer water use. For definitions, refer to [Guidance and Methodology on Water Conservation and Water Use](#).

2. For this reporting period, enter the number of connections for and the gallons of metered retail water used by each category. If the Customer Category does not apply, enter zero or leave blank. These numbers should be the same as those reported on the Water Use Survey.

Retail Customer Category	Number of Connections	Gallons Metered
Residential - Single Family	50,360	5,503,043,300
Residential - Multi-family	2,129	715,268,300
Industrial	11	185,382,600
Commercial	38	117,234,600
Institutional	198	251,551,400
Agricultural	0	0
Total Retail Water Metered¹	52,736	6,772,480,200

¹Residential + Industrial + Commercial + Institutional + Agricultural = Total Retail Water Metered

Water Use Accounting

	Total Gallons During the Reporting Period
1. Corrected Input Volume: The volume of treated water input to the distribution system from own production facilities. Same as line 13b of the Water Loss Audit for reporting periods \geq 2015. Same as line 14 of the Water Loss Audit for reporting periods \leq 2014.	8,298,730,211
2. Corrected Treated Purchased Water Volume: The amount of treated purchased wholesale water transferred into the utility's distribution system from other water suppliers system. Same as line 14b of the Water Loss Audit for reporting periods \geq 2015. Same as line 15 of the Water Loss Audit for reporting periods \leq 2014.	0
3. Corrected Treated Wholesale Water Sales Volume: The amount of treated wholesale water transferred out of the utility's distribution system, although it may be in the system for a brief time for conveyance reasons. Same as line 15b of the Water Loss Audit for reporting periods \geq 2015. Same as line 16 of the Water Loss Audit for reporting periods \leq 2014.	72,903,895
4. Total System Input Volume: This is the sum of the corrected input volume plus corrected treated purchased water volume minus corrected treated wholesale water sales volume. Same as line 16 of the Water Loss Audit for reporting periods \geq 2015. Same as line 17 of the Water Loss Audit for reporting periods \leq 2014. Produced + Imported - Exported = Total System Input Volume	8,225,826,316
5. Billed Metered: All retail water sold and metered. Same as line 17 of the Water Loss Audit for reporting periods \geq 2015. Same as line 18 of the Water Loss Audit for reporting periods \leq 2014.	6,772,480,200
6. Other Authorized Consumption: Water that is authorized for other uses such as back flushing, line flushing, storage tank cleaning, fire department use, municipal government offices or municipal golf courses/parks. This water may be metered or unmetered. Same as lines 18, 19, and 20 of the Water Loss Audit for reporting periods \geq 2015. Same as lines 19, 20, and 21 of the Water Loss Audit for reporting periods \leq 2014.	16,931,200
7. Total Authorized Consumption: All water that has been authorized for use. Same as Line 21 of the Water Loss Audit for reporting periods \geq 2015. Same as line 22 of the Water Loss Audit for reporting periods \leq 2014. Total Billed and Metered Retail Water + Other Authorized Consumption = Total Authorized Consumption	6,789,411,400
8. Total Apparent Losses: Water that has been consumed but not properly measured or billed (losses due to customer meter inaccuracy, systematic data handling discrepancy and/or unauthorized consumption such as theft). Same as line 27 of the Water Loss Audit for reporting periods \geq 2015. Same as line 28 of the Water Loss Audit for reporting periods \leq 2014.	164,095,282

9. Total Real Loss: Physical losses from the distribution system prior to reaching the customer destination (losses due to reported breaks and leaks, physical losses from the system or mains and/or storage overflow). Same as line 30 of the Water Loss Audit for reporting periods >= 2015. Same as line 31 of the Water Loss Audit for reporting periods <= 2014.	1,272,319,634
10. Total Water Loss: Apparent + Real = Total Water Loss	1,436,414,916

Programs and Activities

1. What year did your entity adopt or revise their most recent Water Conservation Plan? 2019
2. Does The Plan incorporate [Best Management Practices](#)? Yes No
3. Using the table below select the types of Best Management Practices or water conservation and reuse strategies actively administered during this reporting period and estimate the savings incurred in implementing water conservation and reuse activities and programs. Leave fields blank if unknown. **Please separate reuse volumes from gallons saved.**

Methods and techniques for determining gallons saved are unique to each utility as they conduct internal cost analyses and long-term financial planning. Texas Best Management Practice can be found at TWDB's [Water Conservation Best Management Practices webpage](#). The [Alliance for Efficiency Water Conservation Tracking Tool](#) may offer guidance on determining and calculating savings for individual BMPs.

Best Management Practice	Check if Implemented	Estimated Gallons Saved	Estimated Gallons Reused
Conservation Analysis and Planning			
Conservation Coordinator	<input type="checkbox"/>		
Cost Effective Analysis	<input type="checkbox"/>		
Water Survey for Single Family and Multi-family Customers	<input type="checkbox"/>		
Customer Characterization	<input type="checkbox"/>		
Financial			
Wholesale Agency Assistance Programs	<input type="checkbox"/>		
Water Conservation Pricing	<input type="checkbox"/>		
System Operations			
Metering New Connections and Retrofitting Existing Connections	<input type="checkbox"/>		
Utility Water Audit and Water Loss	<input type="checkbox"/>		
Landscaping			
Landscape Irrigation Conservation and Incentives	<input type="checkbox"/>		
Athletic Fields Conservation	<input type="checkbox"/>		
Golf Course Conservation	<input type="checkbox"/>		

Park Conservation	<input type="checkbox"/>			
Residential Landscape Irrigation Evaluation	<input type="checkbox"/>			
Outdoor Watering Schedule	<input type="checkbox"/>			
Education and Public Awareness				
School Education	<input checked="" type="checkbox"/>		0	0
Public Information	<input checked="" type="checkbox"/>		0	0
Public Outreach and Education	<input checked="" type="checkbox"/>		0	0
Partnerships with Nonprofit Organizations	<input type="checkbox"/>			
Rebate, Retrofit, and Incentive Programs				
Conservation Programs for ICI Accounts	<input type="checkbox"/>			
Residential Clothes Washer Incentive Program	<input type="checkbox"/>			
Water Wise Landscape Design and Conversion Programs	<input type="checkbox"/>			
Showerhead, Aerator, and Toilet Flapper Retrofit	<input type="checkbox"/>			
Residential Toilet Replacement Programs	<input type="checkbox"/>			
Custom Conservation Rebates	<input type="checkbox"/>			
Plumbing Assistance for Economically Disadvantaged Customers	<input type="checkbox"/>			
Conservation Technology & Reuse				
New Construction Graywater	<input type="checkbox"/>			
Rainwater Harvesting and Condensate Reuse	<input type="checkbox"/>			
Water Reuse BMP Categories				
Reuse for On-site Irrigation	<input type="checkbox"/>			
Reuse for Plant Washdown	<input type="checkbox"/>			
Reuse for Chlorination/Dechlorination	<input type="checkbox"/>			
Reuse for Industry	<input type="checkbox"/>			
Reuse for Agriculture	<input type="checkbox"/>			
Regulatory and Enforcement				
Prohibition on Wasting Water	<input type="checkbox"/>			
Conservation Ordinance Planning and Development	<input type="checkbox"/>			
Enforcement of Irrigation Standards	<input type="checkbox"/>			
Retail				
Other	<input type="checkbox"/>			
Totals			0	0

4. For this reporting period, estimate the savings from water conservation activities and programs.

Gallons Saved/Conserved	Gallons Recycled/Reused	Total Volume of Water Saved ¹	Dollar Value of Water Saved ²
0	0	0	

¹Estimated Gallons Saved + Estimated Gallons Recycled/Reused = Total Volume Saved

²Estimated this value by taking into account water savings, the cost of treatment or purchase of water, and deferred capital cost due to conservation.

5. Comments or Explanations Regarding Data Entered in Sections Above.
Files to support or explain this may be attached below.

6. During this reporting period, did your rates or rate structure change? Yes No

Select the type of rate pricing structure used. Check all that apply.

<input type="checkbox"/>	
<input type="checkbox"/>	Uniform Rates
<input type="checkbox"/>	Flat Rates
<input type="checkbox"/>	Inclining/Inverted Block Rates
<input type="checkbox"/>	Declining Block Rates
<input type="checkbox"/>	Seasonal Rates
<input type="checkbox"/>	Water Budget Based Rates
<input type="checkbox"/>	Excess Use Rates
<input type="checkbox"/>	Drought Demand Rates
<input type="checkbox"/>	Tailored Rates
<input type="checkbox"/>	Surcharge - usage demand
<input type="checkbox"/>	Surcharge - seasonal
<input type="checkbox"/>	Surcharge - drought
<input type="checkbox"/>	Other

7. For this reporting period, select the public awareness or educational activities used.

Name	Implemented This Year	Number Of Times This Year	Total Population Reached this Year
Brochures Distributed	<input type="checkbox"/>		
Messages Provided on Utility Bills	<input checked="" type="checkbox"/>	12	51,000
Press Releases	<input checked="" type="checkbox"/>	13	370,290
TV Public Service Announcements	<input checked="" type="checkbox"/>	11	
Radio Public Service Announcements	<input type="checkbox"/>		
Educational School Programs	<input type="checkbox"/>		
Displays, Exhibits, and Presentations	<input type="checkbox"/>		
Community Events	<input type="checkbox"/>		
Social Media campaign - Facebook	<input type="checkbox"/>		
Social Media campaign - Twitter	<input type="checkbox"/>		
Social Media campaign - Instagram	<input type="checkbox"/>		
Social Media campaign - YouTube	<input type="checkbox"/>		
Facility Tours	<input type="checkbox"/>		
Other	<input checked="" type="checkbox"/>	275,722	181,585
Total		275,758	602,875

News letter, Direct mail cards, NAWSC website, News website

Leak Detection and Water Loss

1. During this reporting period, how many leaks were repaired in the system or at service connections? 1061

2. Select the main cause(s) of water loss in your system.

Water Loss Causes	
<input checked="" type="checkbox"/>	Distribution line leaks and breaks
<input checked="" type="checkbox"/>	Unauthorized use and theft

<input checked="" type="checkbox"/>	Master meter problems
<input checked="" type="checkbox"/>	Customer meter problems
<input checked="" type="checkbox"/>	Record and data problems
<input checked="" type="checkbox"/>	Other

We do not keep track of the line repairs, but going forward, we will keep track of it and make sure to include it for next years and future reporting.

3. For this reporting period, provide the following information on your distribution lines.

Total Length of Main Lines (miles)	Total Length Repaired (feet)	Total Length Replaced (feet)
3500	0	0

4. For this reporting period, provide the following information regarding your meters:

Type of Meter	Total Number	Total Tested	Total Repaired	Total Replaced
Production Meters	10	0		
Meters larger than 1 1/2 inches	357	0		
Meters 1 1/2 inches or smaller	52914	0		

5. Does your system have automated meter reading? Yes No

Program Effectiveness

1. Program Effectiveness

In your opinion, how would you rank the overall effectiveness of your conservation programs and activities?

Customer Classification	Less Than Effective	Somewhat Effective	Highly Effective	Does Not Apply
Residential Customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Industrial Customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Institutional Customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Commercial Customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Agricultural Customers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

2. During the reporting period, did you implement your Drought Contingency Plan? Yes No

3. Select the areas for which you would like to receive more technical assistance:

Technical Assistance Areas	
<input checked="" type="checkbox"/>	Best Management Practices
<input checked="" type="checkbox"/>	Drought Contingency Plans
<input type="checkbox"/>	Landscape Irrigation
<input checked="" type="checkbox"/>	Leak Detection and Equipment
<input type="checkbox"/>	Rainwater Harvesting
<input checked="" type="checkbox"/>	Rate Structures
<input type="checkbox"/>	Educational Resources
<input checked="" type="checkbox"/>	Water Conservation Annual Reports
<input checked="" type="checkbox"/>	Water Conservation Plans
<input type="checkbox"/>	Water IQ: Know Your Water
<input checked="" type="checkbox"/>	Water Loss Audits
<input checked="" type="checkbox"/>	Recycling and Reuse

Water Loss, Target and Goals

Total Residential and Water Loss Gallons Per Capita per Day (GPCD) and Water Loss Percentage

The tables below display your current GPCD totals and water loss percentage for your service area.

Total System Input in Gallons Water Produced + Wholesale Imported - Wholesale Exported	Retail Population ¹	Total GPCD (System Input / Retail Population) / 365
8,225,826,316	141,357	159

¹Retail Population is the total permanent population of the service area, including single family, multi-family, and group quarter populations

Residential Use in Gallons (Single Family + Multi-family)	Residential Population ²	Residential GPCD (Residential Use / Residential Population) / 365
6,218,311,600	141,357	121

²Residential Population is the total residential population of the service area, including only single family and multi-family populations

Total Water Loss in Gallons Apparent + Real = Total Water Loss	Retail Population	Water Loss GPCD ³	Water Loss Percent
1,436,414,916	141,357	28	17.46%

³(Total Water Loss / Residential Population) / 365 = Water Loss GPCD
 (Total Water Loss / Total System Input) * 100 = Water Loss Percentage

The table below displays the specific and quantified five-year and ten-year goals listed in your current Water Conservation Plan alongside the current GPCD and water loss totals.

Achieve Date	Target for Total GPCD	Current Total GPCD	Target for Residential GPCD	Current Residential GPCD	Target for Water Loss GPCD	Current Water Loss GPCD	Target for Water Loss Percentage	Current Water Loss Percentage
Five-year Target Date 2024	128	159	90	121	12	28	9.38 %	17.46 %
Ten-year Target Date 2029	125	159	88	121	11	28	8.80 %	17.46 %

SECTION H

DROUGHT CONTINGENCY AND EMERGENCY RATIONING PLAN

1. SCOPE

The following Drought Contingency and Emergency Rationing Plan (Water Rationing Plan) is adopted for emergency use during periods of drought and water shortages.

2. DECLARATION OF POLICY, PURPOSE, AND INTENT

In order to conserve the available water supply and/or to 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 North Alamo Water Supply Corporation adopts the following Water Rationing Plan.

3. PREPARATION OF PLAN AND CONTINUING EDUCATION PROGRAM

The Corporation will actively inform its customers and members of the Water Rationing Plan and affirmatively provide opportunity for public input at the annual membership meetings held at a time and place convenient to the public. The customers and members will be notified of any major changes to the plan by direct mail-out.

4. COORDINATION WITH THE REGIONAL WATER PLANNING GROUP(S)

The service area of the Corporation is located within the Region M Water Planning Group, and the Corporation has provided a copy of this Water Rationing Plan to the Region M Water Planning Group.

5. AUTHORIZATION

The Board of Directors of the Corporation, or their designee (the General Manager), is authorized and directed to implement the applicable provisions of this Water Rationing Plan upon the determination that such implementation is necessary to protect the public health, safety, and welfare. The provisions of this Water Rationing Plan may be amended, supplemented, changed or repealed at any time during a duly called, noticed, and convened meeting of the Corporation's Board of Directors.

6. APPLICATION

- a) The provisions of this Water Rationing Plan will apply to all members, customers, persons, and property utilizing the Corporation's water services located within the Corporation's service area.
- b) In promoting the conservation of limited water resources available to the Corporation, **FOUR** water conservation stages have been created and are listed in No.7 of this Water Rationing Plan.
- c) When the use of water is regulated during any period of water shortage, the regulations or restrictions on the use of water will continue until water conservation measures are no longer deemed necessary by the Board of Directors, or their designee (the General Manager).
- d) The directive by the Board of Directors, or their designee (the General Manager), to implement or terminate Conservation Stages 2 - 4 will be made by a direct mail-out to each member/customer or by public announcement and published a minimum of one time in at least three newspapers of general circulation in the Corporation's service area before the dates of implementation. The dates for implementation of Stages 3 and 4 will be as follows:

Billing 1 - the 5th of the month following the date of the announcement,
Billing 2 - the 15th of the month following the date of the announcement,
Billing 3 - the 25th of the month following the date of the announcement.

- e) The highest priority of water use during any Stage will be for human consumption, fire protection, and the watering of livestock. However, if an alternative source of water is available for the watering of livestock, the customer should take the necessary steps to obtain water from the alternative source.
- f) All new wholesale water contracts and/or contract renewals and extensions shall include a provision that in the case of shortage of water resulting from drought, the water to be distributed shall be divided in accordance with Texas Water Code, 11.039.

7. WATER CONSERVATION STAGES

The triggering criteria described below are based on the level of the United States share of water in Amistad and Falcon Reservoirs as reported by the International Boundary and Water Commission. The stages of this plan may be rescinded when all of the conditions listed as triggering events have ceased for a period of thirty (30) consecutive days. Any one of the triggers listed below may cause the Corporation to initiate water restrictions.

a) Stage 1 – Potential Water Shortage

- i. Stage I will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 49%.
- ii. Upon reaching this stage, all customers will be notified by a message on the monthly water bill that a potential water shortage may exist later in the year and that each customer should use water conservation practices. All customers should check their individual plumbing fixtures and facilities to ensure that they are working properly and that no water is being wasted.
- iii. Industrial customers, wholesale customers, and certain commercial customers will be required to develop and submit to the Corporation their individual Water Rationing Plans within 60 days of notification. The plans are subject to approval by the Corporation's Management Staff and the Board of Directors.

b) Stage 2 – Voluntary Water Conservation

- i. Stage 2 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 40% of capacity.
- ii. During Stage 2, customers are requested to voluntarily limit the amount of water use to that amount absolutely necessary for health, business, and irrigation.
- iii. Upon reaching this stage, all customers will be notified by public announcement and publication of notice, or by direct mail-out to voluntarily conserve water. All faulty or leaking plumbing fixtures should be repaired or be replaced immediately.
- iv. All Corporation owned facilities and operations will be placed on mandatory conservation practices.
- v. All customers will be requested to voluntarily comply with the following lawn watering schedule;

Customers in Routes 11 - 19 will be allowed to water on Mondays and Thursdays.

Customers in Routes 20 - 29 will be allowed to water on Tuesdays and Fridays.

Customers in Routes 30 - 41 will be allowed to water on Wednesdays and Saturdays.

The first two digits in the customer's account number determines the customer's Route. For example, account no. 17-0100 is in Route 17. The permitted time of watering is between the hours of 6:00 AM to 9:00 AM and between the hours of 8:00 PM to 10:00 PM on the designated days. Lawn watering on Sundays will not be allowed.

c) Stage 3 – Mandatory Water Conservation

- i. Stage 3 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 23% of capacity.
- ii. During Stage 3, the Corporation will aim to reduce per capita consumption by 2 percent.
- iii. Upon reaching this stage, all customers will be notified by public announcement and publication of notice, or by direct mail-out that mandatory conservation practices have been implemented. All Corporation owned facilities and operations will continue on mandatory conservation practices. If any provision in Stage 2 conflicts with a provision in Stage 3, the Stage 3 provision will control.
- iv. The above voluntary lawn watering schedule will become mandatory.
- v. All water allowed to run off yards, plants, or other vegetation into gutters, streets or roads will be deemed a waste of water and is prohibited.
- vi. The use of potable water to irrigate land that is irrigable is prohibited.
- vii. Noncommercial washing of any vehicle or other mobile equipment may be done only with a handheld hose equipped with a positive shut-off nozzle or with a hand-held bucket or can with a capacity of 5 gallons or less between the hours of 6:00 AM to 9:00 AM and 7:00 PM to 9:00 PM.
- viii. Commercial washing of any vehicle or other mobile equipment will be limited to the immediate premises of a commercial washing facility.
- ix. The exterior washing of any house, trailer house or any structure is prohibited.
- x. The use of water to wash down sidewalks, driveways or any hard surface is prohibited.
- xi. Continued use of defective plumbing in a home, business or any location is prohibited.
- xii. The use of fire hydrants for any purpose other than firefighting is prohibited.
- xiii. The use of water for dust control is prohibited.
- xiv. Industrial customers, wholesale customers, and certain commercial customers will be required to implement their individual Water Rationing Plans previously submitted and approved.

d) Stage 4 – Water Use Curtailment

- i. Stage 4 will be implemented when the level of U.S. water stored in Amistad and Falcon Reservoirs, as determined by the International Boundary and Water Commission, reaches 13% of capacity, or in response to (i) supply source contamination, (ii) water production or distribution system limitations, and (iii) system outage due to the failure or damage of major water system components.
- ii. During Stage 4, all elements of Stage 3, including the goal of 2 percent reduction of water use per capita, shall remain in effect in Stage 4.
- iii. All nonessential uses of water or uses not necessary to maintain the public health, safety and welfare and for the watering of livestock are prohibited. Nonessential water uses are defined in this Water Rationing Plan to include the watering of grass, trees, plants, and other vegetation; the noncommercial washing of any vehicle or other mobile equipment; the use of

water for all publicly and privately owned swimming pools, water parks, fountains or artificial waterfalls; and the use of water to construct roads, streets or highways.

- iv. A pro rata curtailment of water deliveries to wholesale water customers will be imposed as provided in Texas Water Code, 11.039.
- v. No application for new, additional, expanded, or increased in size water service connections, meters, service lines, pipeline extensions, mains, or other water service facilities of any kind shall be allowed or approved except as approved by the **Review Committee**.
- vi. The maximum amounts of monthly water usage for residential and nonresidential customers and the accompanying surcharges may be revised during the state of an emergency in Stage 4. These revised allocations and surcharge amounts are subject to the approval of the Corporation's Board of Directors.
- vii. The General Manager is authorized to take any other actions deemed necessary to meet the conditions resulting from the emergency, including, but not limited to system pressure reductions and the utilization of alternative water sources with the approval of the Executive Director as appropriate.

8. SECONDARY WATER SOURCES

The Corporation will take all measures necessary to acquire a secondary water source. These measures will include acquiring treated water from adjoining water suppliers via existing emergency interconnections facilities and reservoirs, as well as constructing any new emergency interconnection facilities needed to accomplish the transfer of the acquired water sources.

9. REVIEW COMMITTEE – FORMATION, POWERS AND DUTIES

- a) Upon approval of this Water Rationing Plan, the Board of Directors of the Corporation will establish a **Review Committee** to review hardship and special cases involving customers, persons, or property utilizing the Corporation's water that cannot abide by the provisions of this Water Rationing Plan. The Review Committee will consist of the Corporation's General Manager, Water Operations Manager, Wastewater Operations Manager, and Office Manager, and a member/ customer chosen by the Board of Directors. The General Manager will be the Chairman of the Review Committee, and the Water Operations Manager will be the Vice-Chairman.
- b) All requests for a variance to the provisions of this Water Rationing Plan must be submitted to the Review Committee in writing and must state the circumstances supporting the request. The Review Committee is authorized to grant variances from the provisions of this Water Rationing Plan if, owing to peculiar circumstances, an undue hardship will result, and the granting of the variance will not be contrary to the public interest.
- c) All decisions of the Review Committee will be reported to the Board of Directors at the next regularly scheduled Board Meeting. If the Review Committee denies a request for a variance, an appeal can be made to the Board of Directors at the next regularly scheduled Board Meeting. If a protest is received after the granting of a variance, the Review Committee will refer the protest to the Board of Directors at the next regularly scheduled Board Meeting. The decisions of the Board of Directors are final.

10. VIOLATIONS, PENALTIES AND ENFORCEMENT

- a) No person shall knowingly or intentionally allow the use of water from the Corporation's system for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provisions of this Water Rationing Plan.
- b) Any person or customer who violates this Water Rationing Plan will be issued a warning on the first offence. Each day that anyone or more of the provisions in this Water Rationing Plan are violated will constitute a separate offense. Upon receiving a notice of violation on the second offence, the customer's meter is subject to being locked. If a customer receives a notice of violation for two or more distinct

violations in anyone day period, the General Manager will, upon due notice, be authorized to discontinue water service to the premises where the violations occurred, and a fee will be required to be paid before service is restored. Should any person or customer receive a third notice of violation, water service will be discontinued, and a flow restriction device will be installed at the customer's meter at the customer's expense, and a second fee will be required to be paid before service is restored. Should a customer's water service be discontinued for a third time, then the fee for restoring water service shall be doubled.

- c) Any Corporation employee may issue a notice of violation to a person he/she reasonably believes to have committed a violation of this Water Rationing Plan. The notice of violation will be prepared in duplicate and will contain the name of the member and the tenant, if any, the address, the alleged violation, and the date.
- d) The customer in apparent control of the property where a violation occurs or originates will be presumed to be the violator, but the customer will have the right to show that he/she did not commit the violation. The customer will be presumed to be responsible for minor children and for anyone residing in the customer's household who commits a violation.

11. SURCHARGES, FEES, AND TERMINATION OF SERVICE

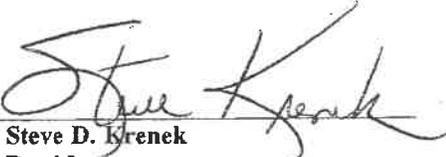
- a) When a Stage 3 - Mandatory Conservation stage has been implemented, a surcharge of \$1.00 for each 1,000 gallons above 10,000 gallons monthly usage per meter equivalent will be imposed for Residential, and Commercial and Multi-family customers. For Industrial and Institutional customers, a surcharge of \$.25 for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure. Wholesale customers will be billed on a contractual basis, as per existing agreements between the Corporation and them. A meter equivalent is based upon meter size and is defined as follows:

<u>5/8" - 1</u>	<u>1.0" - 2</u>	<u>1.5" - 4</u>	<u>2.0" - 8</u>	<u>3.0" - 16</u>
		<u>4.0" - 32</u>		

- b) When a Stage 4 - Water Use Curtailment stage has been implemented, a surcharge of \$2.00 for each 1,000 gallons above 10,000 gallons monthly usage per meter equivalent will be imposed for Residential and Commercial and Multi-family customers. For Industrial and Institutional customers, a surcharge of \$.50 for each 1,000 gallons used will be imposed. These surcharges are in addition to the Corporation's current rate structure. Wholesale customers will be billed on a contractual basis, as per existing agreements between the Corporation and them.
- c) For any customer whose meter equivalent is 1, water service will be restored after the first disconnection for a fee of \$50. For any customer whose meter equivalent is more than 1, water service will be restored after the first disconnection for a fee of \$50 per meter equivalent. After the second disconnection, water service will be restored only after a second fee of \$50 per meter equivalent has been paid and a flow restriction device has been installed at the customer's meter at the customer's expense. This device will remain connected to the customer's meter until the Corporation returns to Stage 2 or less. After the third disconnection, water service will be restored only after a third fee of \$100 per meter equivalent has been paid.
- d) The above surcharges and termination provisions will not apply if the water used resulted from a loss of water (ie, water leak) through no fault of the customer. The customer will have to prove that immediate steps were taken to correct the leak after its discovery and that the customer was not in any way negligent in causing or permitting the loss of water.
- e) The limits, charges, and other requirements of this Water Rationing Plan will be in effect for water used on or after the date these limits. Changes and other requirements are to become effective as published by the General Manager.

AMENDED this 14th day of April, 2015 at a duly called, noticed, and convened meeting of the Board of Directors of the North Alamo Water Supply Corporation.

SEAL


Steve D. Krenk
President

ATTEST:


Leonard Camarillo
Secretary- Treasurer


Steven P. Sanchez
General Manager

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: North Alamo Water Supply Corporation

Public Water Supply Identification Number (PWS ID): 1080029

Certificate of Convenience and Necessity (CCN) Number: 10553

Surface Water Right ID Number: 0240-000

Wastewater ID Number: 20645

Completed By: Robert Rodriguez Title: Water Operations Manager

Address: 420 S. Doolittle Road City: Edinburg Zip Code: 78542

Email: [REDACTED] Telephone Number: (956) 383-1618

Date: 9/17/19

Regional Water Planning Group: M [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: 973
 (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
2018	159,828		
2017	155,295		
2016	149,829		
2015	145,465		
2014	141,228		

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	162,960		
2030	201,502		
2040	240,156		
2050	278,948		
2060	317,715		

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

Previous 5 years population was calculated using 3.57 persons per household census 2013-2017 data for Hidalgo, Cameron, and Willacy Counties multiplied by the yearly number of residential connections. Population projections for years 2020-2060 were based on the TWDB Regional Water Plan Population Projections for North Alamo WSC.

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
2018	1,560,309,000	7,195,906,900	67,201,100	8,689,014,800	149
2017	1,470,272,000	7,348,801,000	61,844,100	8,757,228,900	154
2016	1,795,438,000	7,284,418,700	103,291,700	8,976,565,000	164
2015	1,716,890,000	6,094,953,700	96,353,700	7,715,490,000	145
2014	2,020,465,500	6,365,196,200	60,504,900	8,325,156,800	162
Historic 5-year Average	1,712,674,900	6,857,855,300	77,839,100	8,492,691,100	155

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

- Designed daily capacity of system 32,000,000 gallons per day.
- Storage Capacity:
 Elevated 5,000,000 gallons
 Ground 11,300,000 gallons
- List all current water supply sources in gallons.

Water Supply Source	Source Type*	Total Gallons
IRRIGATION DISTRICTS	Surface	5,443,604,900
N CAMERON	Surface	191,993,000
CITIES	Surface	58,164,200
	Choose One	
	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 163,873 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)
2019	161,857	5,403,182,250
2020	166,713	5,565,277,718
2021	171,714	5,732,236,049
2022	176,865	5,904,203,131
2023	182,171	6,081,329,225
2024	187,637	6,263,769,101
2025	193,266	6,451,682,175
2026	199,064	6,645,232,640
2027	205,036	6,844,589,619
2028	211,187	7,049,927,308

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

Projections were calculated and assumed to be proportional to average population growth of 3.0% for 2014-2018. As population, demand was also assumed to increase by 3.0% per year.

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
PICT SWEET CO	Commercial	137,355,100	Treated
EDINBURG CISD	Commercial	89,865,300	Treated
PSJA ISD	Commercial	55,900,600	Treated
WILDER CORPORATION	Commercial	22,491,400	Treated
DONNA ISD	Commercial	21,973,900	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.

Wholesale Customer	Water Use Category*	Annual Water Use	Treated or Raw
PORT MANSFIELD	Municipal	31,742,700	Treated
CITY OF EDINBURG	Municipal	28,375,600	Treated
QUIET VILLAGE UTILITY	Commercial	2,385,300	Treated
SEBASTIAN MUD	Municipal	2,121,300	Treated
MILITARY HWY WSC	Municipal	1,414,800	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.](#)

F. Utility Data Comment Section

Provide additional comments about utility data below.

Section II: System Data

A. Retail Connections

- 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	44,770		44,770	96%
Residential – Multi-family (units)	1,889		1,889	4%
Industrial	6		6	0%
Commercial	5		5	0%
Institutional	198		198	0%
Agricultural	0		0	0%
TOTAL	46,868	0	46,868	

*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.](#)

- 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				
	2018	2017	2016	2015	2014
Residential – Single Family	44,770	43,500	41,969	40,747	39,560
Residential – Multi-family (units)	1,899	1,853	1,772	1,720	1,670
Industrial	6	6	6	6	6
Commercial	5	5	5	5	5
Institutional	198	164	193	188	183
Agricultural	0	0	0	0	0
TOTAL	46,878	45,528	43,945	42,666	41,424

*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				
	2018	2017	2016	2015	2014
Residential - Single Family	5,245,808,010	5,297,064,000	6,107,727,600	6,048,627,384	5,990,099,040
Residential – Multi-family	674,521,600	688,473,700	516,668,000	506,197,588	495,939,361
Industrial	144,126,950	131,473,300	11,617,900		
Commercial	859,090	862,300	48,300		
Institutional	275,326,750	359,685,500	19,789,700		
Agricultural	0	0	0	0	0
TOTAL	6,340,642,400	6,477,558,800	6,655,851,500	6,554,824,972	6,486,038,401

*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				
	2018	2017	2016	2015	2014
Residential - Single Family	91	95	114	116	118
Residential – Multi-family	277	290	227	229	231

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				
	2018	2017	2016	2015	2014
January	459,633,800	471,577,900	433,082,700	367,176,300	359,295,700
February	434,379,900	476,035,000	417,147,500	349,490,500	396,774,000
March	461,664,900	435,683,700	515,749,100	358,881,300	413,901,700
April	533,353,300	481,327,600	459,359,400	381,414,300	386,735,800
May	563,626,200	549,854,000	541,969,800	395,952,500	514,601,400
June	669,097,800	633,604,600	517,171,500	438,832,900	571,523,600
July	564,910,900	665,364,600	589,492,600	445,790,500	618,341,300
August	660,380,200	689,318,400	634,981,100	581,443,800	691,739,600
September	623,635,500	641,294,100	602,778,600	560,130,400	585,988,000
October	490,565,800	518,969,600	544,520,100	484,424,000	425,615,000
November	425,636,300	461,844,400	507,175,100	412,589,000	412,374,900
December	453,757,800	452,681,900	429,452,800	435,228,400	386,328,000
TOTAL	6,340,642,400	6,477,555,800	6,192,880,300	5,211,353,900	5,763,219,000

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

Month	Total Gallons of Raw Retail Water				
	2018	2017	2016	2015	2014
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL	0	0	0	0	0

3. Summary of seasonal and annual water use.

Water Use	Seasonal and Annual Water Use					Average in Gallons
	2018	2017	2016	2015	2014	
Summer Retail (Treated + Raw)	1,894,388,900	1,988,287,600	1,741,645,200	1,466,067,200	1,881,604,500	1,794,398,680 5yr Average
TOTAL Retail (Treated + Raw)	6,340,642,400	6,477,555,800	6,192,880,300	5,211,353,900	5,763,219,000	5,997,130,280 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
2018	721,209,200	12	8%
2017	833,956,700	15	10%
2016	1,035,101,600	19	12%
2015	1,060,344,320	20	14%
2014	862,435,700	17	10%
5-year average	902,609,504	17	11%

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)
2018	2,053,000	2,668,000	1.30
2017	2,119,000	2,754,000	1.30
2016	2,073,000	2,695,000	1.30
2015	1,834,000	2,384,000	1.30
2014	1,728,000	2,246,000	1.30

G. Summary of Historic Water Use

Water Use Category	Historic 5-year Average	Percent of Connections	Percent of Water Use
Residential SF	5,737,865,207	96%	0%
Residential MF	576,360,050	4%	0%
Industrial	57,443,630	0%	0%
Commercial	353,938	0%	0%
Institutional	130,960,390	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.)

1. Design capacity of wastewater treatment plant(s): 1
gallons per day.
2. 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		4,500	4,500	100%
Industrial			0	0%
Commercial			0	0%
Institutional			0	0%
Agricultural			0	0%
TOTAL	0	4,500	4,500	

2. What percent of water is serviced by the wastewater system? 10%
3. For the previous five years, enter the number of gallons of wastewater that was treated by the utility.

Month	Total Gallons of Treated Wastewater				
	2018	2017	2016	2015	2014
January					
February					
March					
April					
May					
June					
July					
August					
September					
October					
November					
December	582,139,986	158,252,739	200,202,762		
TOTAL	582,139,986	158,252,739	200,202,762	0	0

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	208,160,986
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other Belt Filter Press Booster Pump	3,000,000
TOTAL	211,160,986

C. Wastewater System Data Comment

Provide additional comments about wastewater system data below.

The Donna Regional Wastewater Treatment Plant has a non potable water system that is only utilize for the Belt Filter press when in operations only.

Records were not found for years prior to 2016. Only totals for the year are shown on table for treated wastewater information.

Municipal connections number is for total wastewater connections currently serviced.

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.

Jenna Rollins

From: Jenna Rollins
Sent: Thursday, August 4, 2022 9:32 AM
To: [REDACTED]
Subject: North Alamo WSC App No. 23-240AB RFI
Attachments: North_Alamo_WSC_23-240AB_RFI_Sent_8.4.22.pdf

Dear Mr. Fryer,

Please see the attached request for information letter for the North Alamo Water Supply Corporation application No. 23-240AB.

Best,
Jenna Rollins, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section
512-239-1845

Jon Niermann, *Chairman*
Emily Lindley, *Commissioner*
Bobby Janecka, *Commissioner*
Toby Baker, *Executive Director*



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 4, 2022

Mr. Richard W. Fryer
Fryer & Hansen, P.L.L.C.
1352 W. Pecan Blvd.
McAllen, TX 78501-4352

VIA E-MAIL

RE: North Alamo Water Supply Corporation
ADJ 240
CN600633713, RN102640075
Application No. 23-240AB to Sever Portions of Certificate of Adjudication Nos. 23-804
and 23-401 and Combine Those Portions with and Amend Certificate of Adjudication
No. 23-240
Texas Water Code §§ 11.122, 11.085, Not Requiring Notice
Rio Grande, Rio Grande Basin
Hidalgo County

Dear Mr. Fryer:

This acknowledges receipt, on July 1, 2022, of the referenced application and fees in the amount of \$312.50 (Receipt No. M219182, copy attached).

Additional information is required before the application can be declared administratively complete.

1. Provide the "Summary of Request" referenced on the Administrative Information Report, page 2.
2. Provide a completed Worksheet 1.1 (Interbasin Transfers) if the applicant is requesting an exempt interbasin transfer to the Nueces-Rio Grande Coastal Basin for those portions of Certificate of Adjudication Nos. 23-401 and 23-804 being severed and combined into Certificate of Adjudication No. 23-240.

Staff notes those portions of Certificate of Adjudication Nos. 23-401 and 23-804 owned by the applicant are currently authorized for use only within the Rio Grande Basin.

3. Provide a completed Water Conservation Plan for Municipal Use (TCEQ Form-10218 and Form-20162) as referenced in *Worksheet 6.0 Water Conservation/Drought Contingency Plans*.
4. Provide a completed Drought Contingency Plan for Municipal Use (TCEQ Form-20191 and Form-20193) as referenced in *Worksheet 6.0 Water Conservation/Drought Contingency Plans*.

Please provide the requested information by September 5, 2022 or the application may be returned pursuant to Title 30 Texas Administrative Code § 281.18.

Mr. Richard W. Fryer
Application No. 23-240AB
August 4, 2022
Page 2 of 2

If you have any questions concerning this matter, please contact me via email at jenna.rollins@tceq.texas.gov or by telephone at 512-239-1845.

Sincerely,



Jenna Rollins, Project Manager
Water Rights Permitting Team
Water Rights Permitting and Availability Section

Attachment



11-JUL-22 04:22 PM

TCEQ - A/R RECEIPT REPORT BY ACCOUNT NUMBER

<u>Fee Description</u>	<u>Fee Code</u> <u>Account#</u> <u>Account Name</u>	<u>Ref#1</u> <u>Ref#2</u> <u>Paid In By</u>	<u>Check Number</u> <u>Card Auth.</u> <u>User Data</u>	<u>CC Type</u> <u>Tran Code</u> <u>Rec Code</u>	<u>Slip Key</u> <u>Document#</u>	<u>Tran Date</u>	<u>Tran Amount</u>
WTR USE PERMITS	WUP	M219182	1014		BS00096017	11-JUL-22	-\$312.50
<i>J. rollins</i>	WUP	ADJ23240	071122	N	D2803054		
WATER USE PERMITS		FRYER & HANSEN PLLC	RHDAVIS	CK			
	WUP	M219183	1013		BS00096017	11-JUL-22	-\$100.00
	WUP	ADJ23809	071122	N	D2803054		
WATER USE PERMITS		FRYER & HANSEN PLLC	RHDAVIS	CK			
	WUP	M219184	1325		BS00096017	11-JUL-22	-\$100.00
	WUP	ADJ123588	071122	N	D2803054		
<i>Best halvum</i>	WATER USE PERMITS	SHINING E LAND & CATTLE LLC	RHDAVIS	CK			
Total (Fee Code):							-\$512.50
Grand Total:							-\$3,826.55

RECEIVED

JUL 13 2022

Water Availability Division

FRYER & HANSEN, P.L.L.C.

Richard W. Fryer
J.D., P.E., LEED AP

Law Firm
1352 W. Pecan Blvd.
McAllen, Texas 78501

Telephone 956-686-6606
Telefax 956-686-6601

June 29, 2022

Via email to: WRPT@tceq.texas.gov

and

Via Certified Mail/Return Receipt Requested

No.: 7021-1970-0000-6317-8172

Texas Commission on Environmental Quality ("**TCEQ**")

Central Office

Water Rights Permitting & Availability Section - MC- 160

P. O. Box 13087

Austin, Texas 78711-3087

***RE: Application to Sever and Combine:
64.21 acre-feet of municipal use water rights from COA 23-804, and
250.00 acre-feet municipal use water rights from COA 23-40
with North Alamo Water Supply Corporation's COA No. 23-240;
Rio Grande Basin, Hidalgo County, Texas***

Dear Sirs:

Enclosed please find this firm's check representing the \$312.50 TCEQ fee for processing North Alamo Water Supply Corporation's application to **Sever and Combine** the referenced water rights. North Alamo Water Supply Corporation's **Worksheet 8.0 Calculation of Fees** is included herein.

By copy of this letter, the original application to Sever and Combine has been forwarded to Water Rights Permitting & Availability Section - MC- 160, Water Permits & Resource Management Division, to request that TCEQ update its ownership records of surface water rights to: (1) sever the 64.21 acre-feet of municipal use water rights from COA 23-804 and the 250.00 acre-feet municipal use water rights from COA 23-40 and combine them with North Alamo Water Supply Corporation's COA 23-240; and (2) change the points of use and points of diversion to those reflected in North Alamo Water Supply Corporation's COA 23-240, as amended.

Please return the duplicate copy of this letter enclosed, file-stamped, in the envelope provided to evidence your receipt of this request. If you have any questions regarding this request or the documents enclosed, please contact me. Your usual assistance in this matter is most appreciated.

Very truly yours,


Richard W. Fryer

INDEX

1. Administrative Checklist 10214B;
2. Technical Information Report 10214C;
3. Summary of Request;
4. Copy of TCEQ's letter/order/or memorandum reflecting approval of Change of Ownership (with attachments, if applicable);
 - A. 23-804 (Santa Cruz ID#15 Acquisition-2016); and
 - B. 23-401 (Doffing WR Acquisition)
5. Copy of WSC's Drought Contingency Plan
(w/copy of Drought Contingency Projections);
6. Copy of Water Conservation Plan
(w/copy of utility profile); and
7. Resolution authorizing signer's signature

1

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): North Alamo Water Supply Corporation

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).

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

ADMINISTRATIVE INFORMATION REPORT

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

*****Applicants are strongly encouraged 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."

See attached Summary of Request

2. APPLICANT INFORMATION (Instructions, Page. 6)

a. Applicant

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

What is the Full Legal Name of the individual or entity (applicant) applying for this permit?
North Alamo Water Supply Corporation

(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: CN600633713 (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: Steven P. Sanchez

Title: General Manager

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

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: North Alamo Water Supply Corporation

Mailing Address: 420 S. Doolittle Road

City: Edinburg

State: Texas

ZIP Code: 78542-9707

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: 174159319

SOS Charter (filing) Number: 0022548901

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.

Richard W. Fryer
First and Last Name: _____
Attorney
Title: _____
Fryer & Hansen, P.L.L.C.
Organization Name: _____
1352 W. Pecan Blvd.
Mailing Address: _____
McAllen Texas 78501
City: _____ State: _____ ZIP Code: _____
(956) 686-6606
Phone Number: _____
(956) 686-6601
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: _____ N/A

Title: _____ N/A

Organization Name: _____ N/A

Mailing Address: _____ N/A

City: _____ N/A State: _____ N/A ZIP Code: _____ N/A

Phone Number: _____ N/A

Fax Number: _____ N/A

E-mail Address: _____ N/A

5. MISCELLANEOUS INFORMATION (Instructions, Page. 9)

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

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

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

Account number: N/A Amount past due: N/A

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

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

Enforcement order number: N/A Amount past due: N/A

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. Applicants 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** Yes

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

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

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

Yes / No Yes

6. SIGNATURE PAGE (Instructions, Page. 11)

Applicant:

Steven P. Sanchez,

General Manager

I,

(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: *Steven Sanchez*
(Use blue ink)

Date: 6-17-2022

Subscribed and Sworn to before me by the said

on this 17th day of June, 2022.

My commission expires on the 27th day of October, 2024.

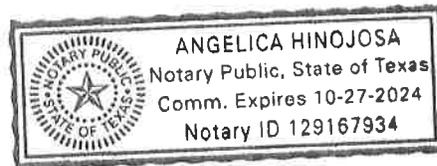
Notary Public

Angelica Hinojosa

[SEAL]

County, Texas

Hidalgo



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: June 14, 2022

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 / NNN
- 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 / NN (If yes, indicate the Certificate or Permit number: N/A)

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 / NN/A

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

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

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

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

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

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

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

Water Right (Certificate or Permit) number you are requesting to amend: 23-240

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

List of water rights to sever	Combine into this ONE water right
64.21 A/F municipal from 23-804	23-240
250.00 A/F municipal use from 23-401	23-240

- 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 / NN _____

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 / NN _____

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 / NY _____

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 / NN _____
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 / NN _____

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 / NN_____ 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/NN_____

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 / NN_____

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 / NN_____

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 / NN_____

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 / NN_____

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

Worksheets and information:

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

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

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

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

Applicant is located within the Region M Planning Group. This application is consistent with the 2022 State Water Plan which supports Applicant's acquisition of additional water rights, including those available through urbanization. The Applicant's need for additional water rights are discussed in the 2021 Region M Water Plan as a water management strategy. The plan is consistent with this Application.

- b. Did the Applicant perform its own Water Availability Analysis? Y / N^N_____
- If the Applicant performed its own Water Availability Analysis, provide electronic copies of any modeling files and reports.*
- c. Does the application include required Maps? (Instructions Page. 15) Y / N^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>
N/A			

N/A 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 N/A 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 N/A acres in N/A County, TX.

ii) Location of land to be irrigated: In the N/A Original Survey No. _____, Abstract No. N/A.

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**
64.21	municipal	municipal	Hidalgo County	Hidalgo, Cameron and Willacy Counties
250.00	municipal	municipal	Hidalgo, Cameron and Willacy Counties	Hidalgo, Cameron and Willacy Counties

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

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

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

- b. For any request which adds Agricultural purpose of use or changes the place of use for Agricultural rights, provide the following location information regarding the lands to be irrigated:
- i. Applicant proposes to irrigate a total of N/A 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 N/A acres in N/A County, TX.
 - ii. Location of land to be irrigated: In the N/A Original Survey No. _____, Abstract No. N/A.

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

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

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

WORKSHEET 1.1

INTERBASIN TRANSFERS, TWC § 11.085

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

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

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

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

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/NN/A
- b. The proposed transfer is from a basin to an adjoining coastal basin? Y/NN/A
- 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/NN/A
- 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/NN/A

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: N/A
- b. Provide amount of water (in acre-feet) impounded by structure at normal maximum operating level: N/A.
- c. The impoundment is on-channel N/A or off-channel N/A (mark one)
 - i. Applicant has verified on-channel or off-channel determination by contacting Surface Water Availability Team at (512) 239-4600? Y / NN/A
 - 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 / NN/A
- d. Is the impoundment structure already constructed? Y / NN/A
 - i. For already constructed **on-channel** structures:
 1. Date of Construction: N/A
 2. Was it constructed to be an exempt structure under TWC § 11.142? Y / NN/A
 - a. If Yes, is Applicant requesting to proceed under TWC § 11.143? Y / NN/A
 - b. If No, has the structure been issued a notice of violation by TCEQ? Y / NN/A
 3. Is it a U.S. Natural Resources Conservation Service (NRCS) (formerly Soil Conservation Service (SCS)) floodwater-retarding structure? Y / NN/A
 - a. If yes, provide the Site No. N/A and watershed project name N/A;
 - b. Authorization to close "ports" in the service spillway requested? Y / NN/A
 - 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 / NN/A
Provide the date and the name of the Staff Person N/A
 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 / NN/A
 - b. Plans (with engineer's seal) for the structure required. Y / NN/A
 - c. Engineer's signed and sealed hazard classification required. Y / NNA
 - d. Engineer's statement that structure complies with 30 TAC, Ch. 299 Rules required. Y / NN/A

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 / NN/A

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

1. Surface area (in acres) of on-channel reservoir at normal maximum operating level: N/A.
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/NN/A
If yes, the drainage area is N/A 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): N/A
- b. Zip Code: N/A
- c. In the N/A Original Survey No. N/A, Abstract No. N/A,
N/A 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/A °N, Longitude N/A °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): N/A
- ii. Map submitted which clearly identifies the Impoundment, dam (where applicable), and the lands to be inundated. See instructions Page. 15. Y / NN/A

WORKSHEET 3.0

DIVERSION POINT (OR DIVERSION REACH) INFORMATION

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

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

1. Diversion Information (Instructions, Page. 24)

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

1. N/A Diversion Point No.
2. N/A Upstream Limit of Diversion Reach No.
3. N/A Downstream Limit of Diversion Reach No.

b. Maximum Rate of Diversion for **this new point** N/A _____ cfs (cubic feet per second)
or N/A _____ gpm (gallons per minute)

c. Does this point share a diversion rate with other points? Y / NN/A _____
*If yes, submit Maximum **Combined** Rate of Diversion for all points/reaches* N/A _____ cfs or N/A _____ gpm

d. For amendments, is Applicant seeking to increase combined diversion rate? Y / NN/A _____

*** 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	N/A
<input type="checkbox"/>	From an on-channel reservoir	N/A
<input type="checkbox"/>	From a stream to an on-channel reservoir	N/A
<input type="checkbox"/>	Other method (explain fully, use additional sheets if necessary)	N/A

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 / NN/A _____

If yes, the drainage area is N/A _____ 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): N/A
- b. Zip Code: N/A
- c. Location of point: In the N/A Original Survey No. N/A, Abstract No. N/A, N/A 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/A °N, Longitude N/A °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): N/A
- 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 N/A.
- b. Provide the amount of water that will be lost to transportation, evaporation, seepage, channel or other associated carriage losses N/A (% or amount) and explain the method of calculation: N/A
- c. Is the source of the discharged water return flows? Y / NN/A If yes, provide the following information:
1. The TPDES Permit Number(s) N/A (attach a copy of the **current** TPDES permit(s))
 2. Applicant is the owner/holder of each TPDES permit listed above? Y / NN/A

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 N/A, surface water N/A?
 5. If any percentage is surface water, provide the base water right number(s) N/A.
- d. Is the source of the water being discharged groundwater? Y / NN If yes, provide the following information:
1. Source aquifer(s) from which water will be pumped: N/A
 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 N/A.
 3. Indicate how the groundwater will be conveyed to the stream or reservoir.

N/A

 4. A copy of the groundwater well permit if it is located in a Groundwater Conservation District (GCD) or evidence that a groundwater well permit is not required.
- di. Is the source of the water being discharged a surface water supply contract? Y / NN/A
If yes, provide the signed contract(s).
- dii. Identify any other source of the water N/A

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 N/A 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 N/A cfs or N/A gpm.
- c. Name of Watercourse as shown on Official USGS maps: N/A
- d. Zip Code N/A
- e. Location of point: In the N/A Original Survey No. N/A, Abstract No. N/A, N/A County, Texas.
- f. Point is at:
Latitude N/A °N, Longitude N/A °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): N/A

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.**

N/A

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: N/A

Other, specify: N/A

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: N/A

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 N/A
 - 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	N/A				
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 N/A and the name of the aquifer from which water is withdrawn N/A.

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 / NY

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^Y___

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 / NY___

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.

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	208,160,986
Plant wash down	
Chlorination/de-chlorination	
Industrial	
Landscape irrigation (parks, golf courses)	
Agricultural	
Discharge to surface water	
Evaporation pond	
Other Belt Filter Press Booster Pump	3,000,000
TOTAL	211,160,986

C. Wastewater System Data Comment

Provide additional comments about wastewater system data below.

The Donna Regional Wastewater Treatment Plant has a non potable water system that is only utilize for the Belt Filter press when in operations only.

Records were not found for years prior to 2016. Only totals for the year are shown on table for treated wastewater information.

Municipal connections number is for total wastewater connections currently serviced.

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.

**EXCERPT FROM THE MINUTES
OF A REGULARLY SCHEDULED MEETING
OF THE BOARD OF DIRECTORS OF
NORTH ALAMO WATER SUPPLY CORPORATION**

THE BOARD OF DIRECTORS OF NORTH ALAMO WATER SUPPLY CORPORATION, at a meeting held on January 17, 2017, at the office of the Corporation, a quorum being present, adopted the following resolution:

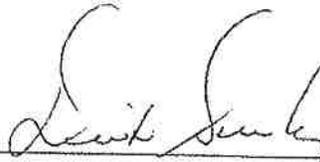
WHEREAS, North Alamo Water Supply Corporation is a non-profit water supply corporation doing business in Hidalgo, Cameron and Willacy Counties, Texas; and

WHEREAS, from time to time North Alamo Water Supply Corporation buys additional water rights to insure the availability of water service to its customers; and therefore;

The following resolution has been adopted by the Board of Directors:

BE IT RESOLVED BY THE BOARD OF DIRECTORS OF North Alamo WATER SUPPLY CORPORATION ("Corporation") that, Steven P. Sanchez, General Manager of North Alamo Water Supply Corporation, is hereby authorized and empowered in the name of North Alamo Water Supply Corporation, and as its own act, to execute any and all documents necessary to effect the acquisition, management, consolidation or reconveyance of water rights on behalf of the corporation, and to certify and attest to any documents which such officer may deem necessary and appropriate to consummate the transactions contemplated by this resolution, but such certification shall not be required for the validity of the particular document.

I, Derrick Swanberg, Secretary-Treasurer of North Alamo Water Supply Corporation, hereby certify that the above-and foregoing is a true and correct copy of the excerpt from the Minutes of the regularly scheduled Meeting of the Board of Directors of North Alamo Water Supply Corporation held on January 17, 2017.



Secretary-Treasurer