

ACTON MUNICIPAL UTILITY DISTRICT

WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN

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Prepared by:



402 Cedar, Abilene, Texas 79604
Phone: (325) 698-5560 / Fax: (325) 690-3240
Website: e-ht.com
PE Firm Registration No. 1151
PG Firm Registration No. 50103
RPLS Firm Registration Nos. 10011900 & 10007300

TABLE OF CONTENTS

WATER CONSERVATION PLAN

Section I	Declaration of Policy, Purpose and Intent.....	1
Section II	Utility Profile	1
Section III	Water Conservation Goals	4
Section IV	Voluntary Water Use Restrictions.....	5
Section V	Metering Devices	5
Section VI	Universal Metering	5
Section VII	Measures to Determine and Control Unaccounted-For Uses of Water	5
Section VIII	Continuing Public Education and Information Program	6
Section IX	Non-Promotional Water Rate Structure	6
Section X	Leak Detection and Repair.....	6
Section XI	Additional Wholesale Water Contract Requirements	7
Section XII	Plan Enforcement and Adoption	7
Section XIII	Coordination with Regional Planning Groups	7
Section XIV	Reservoir Operation Plan.....	7
Section XV	Revisions to the Water Conservation Plan.....	7
Section XVI	Annual Reporting	7
Section XVII	Severability	8

RETAIL DROUGHT CONTINGENCY PLAN

Section I Declaration of Policy, Purpose and Intent..... 9

Section II Public Involvement..... 9

Section III Public Education 9

Section IV Coordination with Regional Water Planning Group 9

Section V Authorization 9

Section VI Application..... 9

Section VII Definitions 10

Section VIII Triggering Criteria for Initiation and Termination of Drought Response Stages 11

Section IX Drought Response Stages 13

Section X Enforcement..... 20

Section XI Variances 21

Section XII Severability 22

WHOLESALE DROUGHT CONTINGENCY PLAN

Section I Declaration of Policy, Purpose and Intent..... 23

Section II Public Involvement..... 23

Section III Wholesale Customer Education..... 23

Section IV Coordination with Regional Water Planning Group 23

Section V Authorization 23

Section VI Application..... 23

Section VII Triggering Criteria for Initiation and Termination of Drought Response Stages 23

Section VIII Drought Response Stages 25

Section IX Pro Rata Water allocation 27

Section X Enforcement..... 27

Section XI Variances 27

Section XII Severability 28

APPENDICES

Appendix A Service Area Maps and Copy of CCN

Appendix B Utility Profile for Retail Water Supplier

Appendix C Water Conservation Plan Goals

Appendix D District's Current Water Rate Structure

Appendix E Copy of Resolution Adopting Water Conservation and Drought Contingency Plan

Appendix F Example of Notification Letter to Wholesale Purchasers

ACTON MUNICIPAL UTILITY DISTRICT WATER CONSERVATION PLAN

Section I. Declaration of Policy, Purpose and Intent

The purpose of the Water Conservation Plan (the Plan) is to: promote the wise and responsible use of water by implementing structural programs that result in quantifiable water conservation results; develop, maintain, and enforce water conservation policies and ordinances; and support public education programs that educate customers about water and wastewater facilities operations, water conservation and non-point source protection.

In accordance with 30 Texas Administrative Code Chapter 288, the Acton Municipal Utility District (Acton MUD or District) practices and promotes conservation of water through the implementation of practices described in the Texas Water Development Board's (TWDB's) *Best Management Practices (BMP) Guide for Municipal and Wholesale Users*. Where they appear in this Plan, BMPs are noted by "(recognized BMP)".

Section II. Utility Profile

The Acton Municipal Utility District is located primarily in Hood County and is situated approximately 25 miles southwest of Fort Worth. The service area for the District's water distribution system (Certificate of Convenience and Necessity [CCN] 12971) covers approximately 10.5 square miles and is depicted in the service area map provided in Appendix A.

The District supplies water to wholesale customers consisting of Montego Bay Estates (CCN 12983), Rancho Brazos Subdivision (CCN 12983), Acton Water Royal Oaks (CCN 12983), Comanche Harbor (CCN 12983), Canyon Creek Addition (CCN 12809), and the City of Granbury (CCN 10904) (emergency basis only). The service area for all wholesale purchasers combined equals approximately 15 square miles and is also depicted in Appendix A. It should also be noted that the contract for wholesale water deliveries to the City of Granbury terminated on October 1st, 2017 and after that date Acton MUD serves as an emergency source only for the City of Granbury.

A more detailed utility profile for Acton MUD has been provided in Appendix B and is summarized as follows:

A. Population

Acton MUD's population in the year 2019 as determined from information obtained from the Texas Water Development Board database is approximately 19,164 persons. Acton MUD supplies treated water, based on Texas Water Drinking Water Watch figures in conjunction with Acton MUD's wholesale contracts, to wholesale users totaling approximately 3,105 persons in the year 2019. Table 1 provides population figures for Acton MUD and wholesale users for the previous five years.

Table 1: Population for District System Users (2014-2018)

Year	Acton MUD Population	Wholesale Population
2014	16,945	5,605
2015	17,389	5,605
2016	17,832	5,605
2017	18,276	5,605
2018	18,720	3,105

Source: 2021 and 2011 Regional Water Plans and TDWW

Table 2 depicts projected population figures for Acton MUD’s retail and wholesale users through the year 2060.

Table 2: Projected Population for Acton MUD System Users (2020-2060)

Year	Acton MUD Population	Wholesale Population
2020	19,608	3,105
2030	31,620	3,105
2040	39,531	3,105
2050	43,668	3,105
2060	48,233	3,105

Source: 2021 and 2011 Regional Water Plans and TDWW

B. Customer Data and Water Use Data

The District’s water customers consist of a mixture of residential single family, residential multi-family, commercial, public/institutional and wholesale users. The District’s single-family residential customers are supplied through approximately 7,700 connections while multi-family residential customers are supplied through approximately 120 connections. Acton MUD serves approximately 90 commercial connections. The wholesale users (Montego Bay Estates, Rancho Brazos Subdivision, Acton Water Royal Oaks, Comanche Harbor, and Canyon Creek Addition) supply treated water to their customers through approximately 1,035 metered service connections.

On average, Acton MUD retail customers use approximately 94% while wholesale customers use approximately 6% of the total ground and surface water delivered from the District’s potable water treatment works. Table 3 summarizes the expected population and water use figures for Acton MUD’s retail and wholesale users over the next decade.

Table 3: Projected Water Demand for the Coming Decade

Year	Acton MUD's Population (persons)	Wholesale Population (persons)	Acton MUD's Demand (gallons/yr)	Wholesale Demand (gallons/yr)	Total Demand (gallons/yr)
2019	19,164	3,105	806,786,735	6,214,836	813,001,571
2020	19,608	3,105	825,474,418	6,214,836	831,689,254
2021	20,809	3,105	876,043,567	6,214,836	882,258,403
2022	22,010	3,105	926,612,716	6,214,836	932,827,552
2023	23,212	3,105	977,181,865	6,214,836	983,396,700
2024	24,413	3,105	1,027,751,013	6,214,836	1,033,965,849
2025	25,614	3,105	1,078,320,162	6,214,836	1,084,534,998
2026	26,815	3,105	1,128,889,311	6,214,836	1,135,104,147
2027	28,016	3,105	1,179,458,460	6,214,836	1,185,673,296
2028	29,218	3,105	1,230,027,609	6,214,836	1,236,242,445
Source: 2021 and 2011 Regional Water Plans, TDWW and Utility Records					

C. Water Supply System

1. Water Sources

Acton MUD's water supply comes from a combination of surface and groundwater sources. Treated surface water from Lake Granbury is used in conjunction with ground water from the District's wells which have a capacity of approximately 3.1 million gallons per day or approximately 3,472 acre-feet per year (ac-ft/yr). The District's treated water purchase contract is with the Brazos Regional Public Utility Agency (BRPUA) which contracts with the District to supply up to 5.81 mgd or 6,508 ac-ft/yr of treated water to the District via the SWATS Plant.

2. Water Treatment

Water produced from the District's wells is dosed with chlorine and ammonia prior to being sent to the distribution system. No additional treatment is provided to treated water entering the system from the SWATS plant.

3. Water Distribution

The District's water distribution system provides economical and compatible facilities capable of furnishing sufficient water at suitable pressures to Acton MUD's retail users and to the wholesale interconnections. The District's distribution system consists of underground water mains, pumping stations, ground storage and elevated storage tanks, valves, fire hydrants, and approximately 8,000 metered service connections.

After water is processed at the treatment plant or produced from the wells, it is pumped into the distribution system and stored in ground storage tanks with a storage capacity of 4.94 million gallons and elevated storage tanks with a storage capacity of 1.78 million gallons. Total storage capacity of the distribution system tanks is 6.72 million gallons. The distribution network is laid out in a continuous looped fashion to circulate water and maintain constant system pressure.

D. Wastewater System

1. Wastewater Collection

Acton MUD's wastewater collection system consists of a network of sewer lines, lift stations, and manholes serving Acton MUD users. Approximately 35% of the water distributed to Acton MUD's retail users is returned to the District's two wastewater treatment plants for treatment. Sewage flows by gravity, aided when necessary by lift stations, through the collection system into the wastewater treatment plants. No wholesale customers are served by the District's sewage collection and treatment system.

2. Wastewater Treatment

The District owns and operates two wastewater treatment plants under permit numbers WQ0014211001 and WQ0014212001. The Wastewater Plant No. 1 at DeCordova has a rated treatment capacity of 0.6 mgd while the Wastewater Plant No. 2 at Pecan Plantation is rated for 0.487 mgd. Sewage undergoes treatment in the plants consisting of prescreening, activated sludge process, sedimentation, and chemical disinfection.

Section III. Water Conservation Goals

The 5- and 10-year goals for total per capita water use (the total water diverted and/or pumped for potable use) by District users is to maintain per capita water use at or below 107 gpcd by the end of 2024 and 2029. The 5- and 10-year goal for residential per capita water use (total gallons sold for residential use) by District users is to maintain residential per capita water use at or below 92 gpcd by the end of 2019 and 2024. The 5- and 10-year per capita water loss goal is to maintain per capita water loss at less than 6.5%, or less than 6.5 gallons per capita. These goals are set in accordance with Brazos G Regional Water Planning Group projections and in accordance with historic water use rates for Acton MUD water system users (see Appendix C).

The 5 and 10-year goals for wholesale users supplied by the District is to maintain per capita use at 65 gpcd by the end of 2024 and 2029 with loss rates for wholesale water deliveries to the wholesale users maintained at less than 15%. These goals are set in accordance with historic water use rates by Acton MUD's wholesale water users.

Section IV. Voluntary Water Use Restrictions

In an effort to promote year-round water conservation, water customers are requested to voluntarily limit the irrigation of landscaped areas to twice a week schedules. Customers with addresses ending in 1, 4, 7, or 0 are encouraged to irrigate on Tuesday and Friday. Customers with addresses ending in 2, 5, or 8 are encouraged to irrigate on Wednesday and Saturday. Customers with addresses ending in 3, 6, or 9 are encouraged to irrigate on Thursday and Sunday. Customers are encouraged to irrigate landscapes to between the hours of midnight and 10:00 a.m., and 8:00 p.m. to midnight on designated watering days.

Section V. Metering Devices

It is District policy to purchase meters that meet at least the minimum standards developed by the American Water Works Association. All metering devices used to meter water diverted from the source of supply are accurate to within plus-or-minus 5% to measure and account for water diverted from the source of supply. Aged meters are systematically replaced to assure reliability of meter performance. The District currently monitors water consumption and inspects meters which vary from established norms. In addition, the City has established the following meter maintenance and replacement programs:

<u>Meter Type</u>	<u>Replacement or Calibration Period</u>
Master Meters	Annually
Commercial Meters and Meters Larger than 1" and Smaller	Annually or as needed
	Every 10 years or as needed

The District strives to maintain water delivery rates, from production to the consumer at or above the accepted standard of 85 %. The primary tools for monitoring the water delivery rate are meter maintenance and leak detection programs.

Section VI. Universal Metering

It is District policy to individually meter all water usage, except for fire protection, including all new construction within the City's retail service area (recognized BMP). At present there are no known unmetered water connections within the system. The District's ongoing meter repair and replacement program involves meter readers checking each meter monthly for proper operation. Any meter found not to be functioning properly is identified for replacement.

Section VII. Measures to Determine and Control Unaccounted-For Uses of Water

It is Acton MUD's policy to investigate customer complaints of low pressure and possible leaks. Acton MUD's goal for unaccounted-for water use is 15% or less. The City's ongoing meter repair and replacement program involves checking each meter monthly for proper operation (recognized BMP). Any meter found to be not functioning properly is identified for replacement. The District practices a leak detection and repair program involving visual inspections of the system (recognized BMP). Water Department personnel visually inspect suspected leaks and make quick and timely repairs to those leaks when detected. Leaking pipelines or pipeline sections are repaired or replaced as they are detected.

Acton MUD utilizes a record management system which records water pumped, water delivered, water sales and water losses to track water transmission, distribution, and delivery to customers (recognized

BMP). This information is used to evaluate the integrity of the water delivery system from source to end user to control and minimize unaccounted-for uses of water. The record management system utilized by the District segregates water sales and users into user classes of single-family residential, multi-family residential, commercial, public/institutional, and wholesale users (recognized BMP).

Section VIII. Continuing Public Education and Information Program

The education and information program in use by the District consists of the following activities:

1. Presentations may be offered annually at local schools. These presentations cover a variety of water conservation information.
2. Newspaper ads are placed during the year based on the areas of current need for water conservation as determined from current water supply conditions.
3. Each customer establishing a new connection and account receives water conservation information.
4. Annually the District mails out its Consumer Confidence Report to all water customers. Materials covering water conservation, as it pertains to current water supply conditions, may be included with the Consumer Confidence Report.
5. The District makes water conservation information available at no cost to the public, at the District office. The public is made aware of the availability of this information via utility bill statements, the District web site, public postings, and local media.

Section IX. Non-Promotional Water Rate Structure

The District utilizes an inclining block rate to encourage water conservation. The District periodically evaluates its water rate structure and adjusts costs and/or structure as needed to encourage water conservation. A copy of the Districts water rates are provided in Appendix D.

Section X. Leak Detection and Repair

District personnel associated with meter reading and billing and collection monitor monthly consumption. This monitoring has become an important tool in distribution system management. The District will continue to use modern leak detection techniques in locating and reducing leaks (recognized BMP).

Meter classification and aggressive follow-up on repair of detected leaks aid in diminishing the amount of unaccounted-for water. The current detection program consists of the following observations and activities:

1. Leaks reported by citizens.
2. Leak detection by meter readers.
3. Continual checking and servicing of production, pumping and storage facilities.
4. Periodic leak detection testing throughout system by professional leak detection service.
5. Rapid response by District staff to reported problems.

Section XI. Additional Wholesale Water Contract Requirements

It is the District's policy to include in every wholesale water supply contract entered into or renewed after official adoption of the Plan, including any contract extension, that each successive wholesale customer develop and implement a water conservation plan or water conservation measures using applicable elements in 30 TAC 288, Subchapter A. If the wholesale customer intends to resell the water, then the contract between Acton MUD and the wholesale 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 30 TAC 288, Subchapter A, Rule §288.5 (G).

Section XII. Plan Enforcement and Adoption

The Plan is enforced within the District's service area by providing service taps only to customers complying with adopted resolutions, maintaining a non-declining rate structure, discontinuing service to those customers who do not pay their water bills until payment is made, and certifying new construction only after verifying if conforms to adopted resolutions and plumbing codes. (A copy of the resolution adopting this Plan has been included here in Appendix E.)

Wholesale customers will receive written notification of Plan adoption and any subsequent Amendments. Adoption of this Plan by the District per 30 TAC Chapter 288, Subchapter A, Rule §288.5 (G) obligates wholesale customers as defined in 30 TAC Chapter 288, Subchapter A, Rule §288.1 to implement water conservation measures. (A copy of the notification letter to wholesale users has been included in Appendix F.)

Section XIII. Coordination with Regional Planning Group

All retail and wholesale users served by Acton MUD are located within the Region G Planning Group area. The District has provided a copy of the Plan to the Region G Planning Group.

Section XIV. Reservoir Operation Plan

Lake Granbury is operated by the Brazos River Authority (BRA). The BRA maintains and implements the reservoir operation plan for Lake Granbury.

Section XV. Revisions to the Water Conservation Plan

The latest revision of the District's Water Conservation Plan was adopted in April 2014. The District will review and update this Water Conservation Plan, as appropriate, based on new or updated information, such as the adoption or revision of the regional water plan. As a minimum the Plan will be updated again before May 1, 2024 and every five (5) years thereafter.

Section XVI. Annual Reporting

The General Manager for the District will submit an Annual Report to the Texas Water Development Board on the Water Conservation Plan. The report shall include the following:

1. Public information which has been issued.
2. Public response to the plan.
3. Effectiveness of the Water Conservation Plan in lowering water consumption.
4. Implementation progress and status of plan.
5. Effectiveness of leak detection and repair programs in reducing water loss.

Section XVII. Severability

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

ACTON MUNICIPAL UTILITY DISTRICT RETAIL DROUGHT CONTINGENCY PLAN

Section I. Declaration of Policy, Purpose and Intent

In order to conserve the available water supply and protect the integrity of water supply facilities, with particular regard for domestic water use, sanitation, and fire protection, and to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, the Acton Municipal Utility District (Acton MUD) hereby adopts the following regulations and restrictions on the delivery and consumption of water.

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

Section II. Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the Acton MUD by means scheduling and providing public notice of a public Board of Directors' meeting to accept input on the Plan.

Section III. Public Education

The Acton MUD will periodically provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of newsletter articles and mail outs.

Section IV. Coordination with Regional Water Planning Group

The service area of the Acton MUD is located within Region G Water Planning Area of the Brazos River Basin and Acton MUD has provided a copy of this Plan to the within Region G Water Planning Area of the Brazos River Basin.

Section V. Authorization

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

Section VI. Application

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

Section VII. Definitions

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

- A. Aesthetic water use: water use for ornamental or decorative purposes such as fountains, reflecting pools, and water gardens.
- B. Commercial and institutional water use: water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as retail establishments, hotels and motels, restaurants, and office buildings.
- C. Conservation: those practices, techniques, and technologies that reduce the consumption of water, reduce the loss or waste of water, improve the efficiency in the use of water or increase the recycling and reuse of water so that a supply is conserved and made available for future or alternative uses.
- D. Customer: any person, company, or organization using water supplied by Acton MUD.
- E. Domestic water use: water use for personal needs or for household or sanitary purposes such as drinking, bathing, heating, cooking, sanitation, or for cleaning a residence, business, industry, or institution.
- F. Even number address: street addresses, box numbers, or rural postal route numbers ending in 0, 2, 4, 6, or 8 and locations without addresses.
- G. Industrial water use: the use of water in processes designed to convert materials of lower value into forms having greater usability and value.
- H. Landscape irrigation use: water used for the irrigation and maintenance of landscaped areas, whether publicly or privately owned, including residential and commercial lawns, gardens, golf courses, parks, and rights-of-way and medians.
- I. Non-essential water use: water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:
 - 1. irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
 - 2. use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
 - 3. use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - 4. use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - 5. flushing gutters or permitting water to run or accumulate in any gutter or street;

6. use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
 7. use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
 8. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
 9. use of water from hydrants for construction purposes or any other purposes other than firefighting.
- J. Odd numbered address: street addresses, box numbers, or rural postal route numbers ending in 1,3,5,7, or 9.

Section VIII. Triggering Criteria for Initiation and Termination of Drought Response Stages

The General Manager or his/her designee shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan. Public notification of the initiation or termination of drought response stages shall be by means of direct mail to each customer, or publication in a newspaper of general circulation.

The triggering criteria described below are based on a statistical analysis of the vulnerability of the water source under drought of record conditions.

A. Stage 1 Triggers - Mild Water Shortage Conditions

Requirements for initiation - Customers shall be required to conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section VII - Definitions, when total daily water demand equals or exceeds 80 percent of the safe operating capacity of water supply facilities.

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

B. Stage 2 Triggers - Moderate Water Shortage Conditions

Requirements for initiation - Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses provided in Section VII of this Plan when total daily water demand equals or exceeds 85 percent of the safe operating capacity of water supply facilities.

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

C. Stage 3 Triggers - Severe Water Shortage Conditions

Requirements for initiation - Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 3 of this Plan when total daily water demand equals or exceeds 90 percent of the safe operating capacity of water supply facilities.

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

D. Stage 4 Triggers - Critical Water Shortage Conditions

Requirements for initiation - Customers shall be required to comply with the requirements and restrictions on certain non-essential water uses for Stage 4 of this Plan when continually falling treated water reservoir levels which do not refill above 50 percent overnight (e.g., based on an evaluation of minimum treated water storage required to avoid system outage).

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

E. Stage 5 Triggers- Emergency Water Shortage Conditions

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

1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or
2. Natural or man-made contamination of the water supply source(s); or
3. When the specific capacity of the Acton MUD well(s) is equal to or less than 50 percent of the well's original specific capacity; or
4. When the reservoir level of Tank NO.7 at the Acton Booster Station falls below a level of 11 feet and the level continues to decrease for 4 hours.

Requirements for termination - Stage 5 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of 1 day.

F. Stage 6 Triggers - Water Allocation

Requirements for initiation - Customers shall be required to comply with the water allocation plan prescribed in Section IX of this Plan and comply with the requirements and restrictions for Stage 5 of this Plan when total daily water demand equals or exceeds 80 percent of the safe operating capacity of water supply facilities.

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

Section IX. Drought Response Stages

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

Notification of the Public:

The General Manager or his/her designee shall notify the public by the means of publication of notice in a newspaper of general circulation or direct mail to each customer.

Additional Notification:

The General Manager or his/her designee shall notify directly, or cause to be notified directly, the following individuals and entities:

1. Utility Board
2. Fire Chiefs
3. County Emergency Management Coordinator

Voluntary Water Use Restrictions

In an effort to promote year-round water conservation, when not in a drought response stage as described below, water customers are requested to voluntarily limit the irrigation of landscaped areas to twice a week schedules. Customers with addresses ending in 1, 4, 7, or 0 are encouraged to irrigate on Tuesday and Friday. Customers with addresses ending in 2, 5, or 8 are encouraged to irrigate on Wednesday and Saturday. Customers with addresses ending in 3, 6, or 9 are encouraged to irrigate on Thursday and Sunday. Customers are encouraged to irrigate landscapes between the hours of midnight and 10:00 a.m., and 8:00 p.m. to midnight on designated watering days.

A. Stage 1 Response - Mild Water Shortage Conditions

Target: Achieve a voluntary 5 percent reduction in total water use.

Supply Management Measures:

1. Acton MUD shall implement measures to manage limited water supplies and by reduced or discontinued flushing of water mains.

Voluntary Water Use Restrictions:

1. Water customers are requested to limit the irrigation of landscaped areas to twice a week schedules. Customers with addresses ending in 1, 4, 7, or 0 are requested to irrigate on Tuesday and Friday. Customers with addresses ending in 2, 5, or 8 are requested to irrigate on Wednesday and Saturday. Customers with addresses ending in 3, 6, or 9 are

requested to irrigate on Thursday and Sunday. Customers are only allowed to irrigate landscapes between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight.

2. Water customers are required to practice water conservation and to minimize or discontinue water use for non-essential purposes.

B. Stage 2 Response - Moderate Water Shortage Conditions

Target: Achieve a 10 percent reduction total water use.

Supply Management Measures:

1. Acton MUD shall implement measures to manage limited water supplies and by reduced or discontinued flushing of water mains.

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

1. Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to twice a week schedules. Customers with addresses ending in 1, 4, 7, or 0 are requested to irrigate on Tuesday and Friday. Customers with addresses ending in 2, 5, or 8 are requested to irrigate on Wednesday and Saturday. Customers with addresses ending in 3, 6, or 9 are requested to irrigate on Thursday and Sunday. Irrigation of landscaped areas is further limited to the hours of 12:00 midnight until 10:00 a.m. and between 8:00 p.m. and 12:00 midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a hand-held hose, a faucet filled bucket or watering can of five (5) gallons or less, or drip irrigation system.
2. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight. Such washing, when allowed, shall be done with a hand-held bucket or a hand-held hose equipped with a positive shutoff nozzle for quick rises. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
3. Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
4. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.

5. Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the Acton MUD.
6. Use of water for the irrigation of golf course greens, tees, and fairways is prohibited except on designated watering days between the hours 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight. However, if the golf course utilizes a water source other than that provided by the Acton MUD, the facility shall not be subject to these regulations.
7. All restaurants are prohibited from serving water to its patrons except when requested.
8. The following uses of water are defined as non-essential and are prohibited:
 - a. wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - b. use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - c. use of water for dust control;
 - d. flushing gutters or permitting water to run or accumulate in any gutter or street; and
 - e. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

C. Stage 3 Response - Severe Water Shortage Conditions

Target: Achieve a 20 percent reduction in total water use.

Supply Management Measures:

1. Acton MUD shall implement measures to manage limited water supplies by discontinued flushing of water mains.

Water Use Restrictions.

1. All requirements of Stage 2 shall remain in effect during Stage 3 except:
 - a. Irrigation of landscaped areas shall be limited to designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight and shall be by means of handheld hoses, hand-held buckets, drip irrigation, or permanently installed automatic sprinkler system only. The use of hose-end sprinklers is prohibited at all times.

- b. The watering of golf course tees is prohibited unless the golf course utilizes a water source other than that provided by the Acton MUD.
- c. The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued.

D. Stage 4 Response - Critical Water Shortage Conditions

Target: Achieve a 30 percent reduction in total water use.

Supply Management Measures:

- 1. Acton MUD shall implement measures to manage limited water supplies by discontinued flushing of water mains and use of reclaimed water for non-potable purposes.

Water Use Restrictions.

- 1. All requirements of Stage 2 and 3 shall remain in effect during Stage 4 except:
 - a. Irrigation of landscaped areas shall be limited to designated watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, or drip irrigation only. The use of hose end sprinklers or permanently installed automatic sprinkler systems are prohibited at all times.
 - b. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle not occurring on the premises of a commercial car wash and commercial service stations and not in the immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10 p.m.
 - c. The filling, refilling, or adding of water to swimming pools, wading pools, and jacuzzi-type pools is prohibited.
 - d. Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
 - e. No applications for new, additional, expanded, or increased-in-size water service connections, meters, service lines, pipeline extensions, mains, or water service facilities of any kind shall be allowed or approved.

E. Stage 5 Response - Emergency Water Shortage Conditions

Target: Achieve a 60 percent reduction in total water use.

Supply Management Measures:

1. Acton MUD shall implement measures to manage limited water supplies by discontinued flushing of water mains.

Water Use Restrictions.

1. All requirements of Stage 2, 3, and 4 shall remain in effect during Stage 5 except:
 - a. Irrigation of landscaped areas is absolutely prohibited.
 - b. Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is absolutely prohibited.

F. Stage 6 Response - Water Allocation

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

Single-Family Residential Customers: The allocation to residential water customers residing in a single-family dwelling shall be as follows:

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

"Household" means the residential premises served by the customer's meter. "Persons per household" includes only those persons currently physically residing at the premises and expected to reside there for the entire billing period. It shall be assumed that a particular customer's household is comprised of two (2) persons unless the customer notifies the Acton MUD of a greater number of persons per household on a form prescribed by the General Manager. The General Manager shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every residential customer. If, however, a customer does not receive such a form, it shall be the customer's responsibility to go to the Acton MUD offices to complete and sign the form claiming more than two (2) persons per household. New customers may claim more persons per household at the time of applying for water service on the form prescribed by the General Manager. When the number of persons per household increases so as to place the customer in a different allocation category, the customer may notify the Acton MUD on such form and the change will be implemented in the next practicable billing period. If the number of persons in a household is reduced, the customer shall notify the Acton MUD in writing within two (2) days. In prescribing the method for claiming more than two (2) persons per household, the General Manager shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the

number of persons in a household or fails to timely notify the Acton MUD of a reduction in the number of persons in a household shall be fined not less than \$35.00.

Residential water customers shall pay the following surcharges:

1. \$10.00 for the first 1,000 gallons over allocation.
2. \$15.00 for the second 1,000 gallons over allocation.
3. \$20.00 for the third 1,000 gallons over allocation.
4. \$25.00 for each additional 1,000 gallons over allocation.

Surcharges shall be cumulative.

Master-Metered Multi-Family Residential Customers

The allocation to a customer billed from a master meter which jointly measures water to multiple permanent residential dwelling units (e.g. Apartments, mobile homes) shall be allocated 6,000 gallons per month for each dwelling unit. It shall be assumed that such a customer's meter serves two dwelling units unless the customer notifies the Acton MUD of a greater number on a form prescribed by the General Manager. The General Manager shall give his/her best effort to see that such forms are mailed, otherwise provided, or made available to every such customer. If, however, a customer does not receive such a form, it shall be the customer's responsibility to go to the Acton MUD offices to complete and sign the form claiming more than two (2) dwellings. A dwelling unit may be claimed under this provision whether it is occupied or not. New customers may claim more dwelling units at the time of applying for water service on the form prescribed by the General Manager. If the number of dwelling units served by a master meter is reduced, the customer shall notify the Acton MUD in writing within two (2) days. In prescribing the method for claiming more than two (2) dwelling units, the General Manager shall adopt methods to insure the accuracy of the claim. Any person who knowingly, recklessly, or with criminal negligence falsely reports the number of dwelling units served by a master meter or fails to timely notify the Acton MUD of a reduction in the number of persons in a household shall be fined not less than \$100.00. Customers billed from a master meter under this provision shall pay the following monthly surcharges:

1. \$10.00 for 1,000 gallons over allocation up through 1,000 gallons for each dwelling unit.
2. \$15.00 thereafter, for each additional 1,000 gallons over allocation up through a second 1,000 gallons for each dwelling unit.
3. \$20.00 thereafter, for each additional 1,000 gallons over allocation up through a third 1,000 gallons for each dwelling unit.
4. \$25.00 thereafter for each additional 1,000 gallons over allocation.

Surcharges shall be cumulative.

Commercial Customers

A monthly water usage allocation shall be established by the General Manager, or his/her designee, for each nonresidential commercial customer other than an industrial customer who uses water for processing purposes. The non-residential customer's allocation shall be approximately 75 percent of the customer's usage for corresponding month's billing period for the previous 12 months. If the customer's billing history is

shorter than 12 months, the monthly average for the period for which there is a record shall be used for any monthly period for which no history exists. Provided, however, a customer, 50 percent of whose monthly usage is less than 15000 gallons, shall be allocated 10000 gallons. The General Manager shall give his/her best effort to see that notice of each non-residential customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the Acton MUD to determine the allocation. Upon request of the customer or at the initiative of the General Manager, the allocation may be reduced or increased if, (1) the designated period does not accurately reflect the customer's normal water usage, (2) one nonresidential customer agrees to transfer part of its allocation to another nonresidential customer, or (3) other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the General Manager. Nonresidential commercial customers shall pay the following surcharges:

Customers whose allocation is 0 gallons through 15000 gallons per month:

1. \$10.00 per thousand gallons for the first 1,000 gallons over allocation.
2. \$12.00 per thousand gallons for the second 1,000 gallons over allocation.
3. \$12.00 per thousand gallons for the third 1,000 gallons over allocation.
4. \$15.00 per thousand gallons for each additional 1,000 gallons over allocation.

Customers whose allocation is 15,000 gallons per month or more:

1. 1.1 times the block rate for each 1,000 gallons in excess of the allocation up through 5 percent above allocation.
2. 1.2 times the block rate for each 1,000 gallons from 5 percent through 10 percent above allocation.
3. 1.3 times the block rate for each 1,000 gallons from 10 percent through 15 percent above allocation.
4. 1.5 times the block rate for each 1,000 gallons more than 15 percent above allocation.

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

Industrial Customers

A monthly water usage allocation shall be established by the General Manager, or his/her designee, for each industrial customer, which uses water for processing purposes. The industrial customer's allocation shall be approximately 80% percent of the customer's water usage baseline. Ninety (90) days after the initial imposition of the allocation for industrial customers, the industrial customer's allocation shall be further reduced to 75% percent of the customer's water usage baseline. The industrial customer's water usage baseline will be computed on the average water usage for the 12 month period ending prior to the date of implementation of Stage 2 of the Plan. If the industrial water customer's billing history is shorter than 12 months, the monthly average for the period for which there is a record shall be used for any monthly period for which no billing history exists. The General Manager shall give his/her best effort to see that notice of each industrial customer's allocation is mailed to such customer. If, however, a customer does not receive such notice, it shall be the customer's responsibility to contact the Acton MUD to determine the

allocation, and the allocation shall be fully effective notwithstanding the lack of receipt of written notice. Upon request of the customer or at the initiative of the General Manager, the allocation may be reduced or increased, (1) if the designated period does not accurately reflect the customer's normal water usage because the customer had shut down a major processing unit for repair or overhaul during the period, (2) the customer has added or is in the process of adding significant additional processing capacity, (3) the customer has shut down or significantly reduced the production of a major processing unit, (4) the customer has previously implemented significant permanent water conservation measures such that the ability to further reduce usage is limited, (5) the customer agrees to transfer part of its allocation to another industrial customer, or (6) if other objective evidence demonstrates that the designated allocation is inaccurate under present conditions. A customer may appeal an allocation established hereunder to the General Manager. Industrial customers shall pay the following surcharges:

Customers whose allocation is 0 gallons through 25,000 gallons per month:

1. \$5.00 per thousand gallons for the first 1,000 gallons over allocation.
2. \$6.00 per thousand gallons for the second 1,000 gallons over allocation.
3. \$8.00 per thousand gallons for the third 1,000 gallons over allocation.
4. \$10.00 per thousand gallons for each additional 1,000 gallons over allocation.

Customers whose allocation is 25,000 gallons per month or more:

1. 1.2 times the block rate for each 1,000 gallons in excess of the allocation up through 5 percent above allocation.
2. 1.4 times the block rate for each 1,000 gallons from 5 percent through 10 percent above allocation.
3. 1.6 times the block rate for each 1,000 gallons from 10 percent through 15 percent above allocation.
4. 2.0 times the block rate for each 1,000 gallons more than 15 percent above allocation.

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

Section X. Enforcement

- A.** No person shall knowingly or intentionally allow the use of water from the Acton MUD for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by General Manager, or his/her designee, in accordance with provisions of this Plan.
- B.** Any person who violates this Plan is guilty of a misdemeanor and, upon conviction shall be punished by a fine of not less than thirty-five dollars (\$35.00) and not more than one hundred dollars (\$100.00). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the General Manager shall, upon due notice to the customer, be authorized to discontinue

water service to the premises where such violations occur. Services discontinued under such circumstances shall be restored only upon payment of a re-connection charge, as established in the most current version of the District's Rates and Connection Fees, and any other costs incurred by the Acton MUD in discontinuing service. In addition, suitable assurance must be given to the General Manager that the same action shall not be repeated while the Plan is in effect. Compliance with this plan may also be sought through injunctive relief in the district court.

- C. Any person, including a person classified as a water customer of the Acton MUD, in apparent control of the property where a violation occurs or originates shall be presumed to be the violator, and proof that the violation occurred on the person's property shall constitute a rebuttable presumption that the person in apparent control of the property committed the violation, but any such person shall have the right to show that he/she did not commit the violation. Parents shall be presumed to be responsible for violations of their minor children and proof that a violation, committed by a child, occurred on property within the parents' control shall constitute a rebuttable presumption that the parent committed the violation, but any such parent may be excused if he/she proves that he/she had previously directed the child not to use the water as it was used in violation of this Plan and that the parent could not have reasonably known of the violation.
- D. Any employee of the Acton MUD, police officer, or other security employee designated by the General Manager, may issue a citation to a person he/she reasonably believes to be in violation of this Plan. The citation shall be prepared in duplicate and shall contain the name and addresses of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the justice of the peace court on the date shown on the citation for which the date shall not be less than 3 days nor more than 5 days from the date the citation was issued. The alleged violator shall be served a copy of the citation. Service of the citation shall be complete upon delivery of the citation to the alleged violator, to an agent or employee of a violator, or to a person over 14 years of age who is a member of the violator's immediate family or is a resident of the violator's residence. The alleged violator shall appear in justice of the peace court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in justice of the peace court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. These cases shall be expedited and given preferential setting in justice of the peace court before all other cases.

Section XI. Variances

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

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

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

Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the Acton MUD within 5 days after the Plan or a particular drought response stage has been invoked. All

petitions for variances shall be reviewed by the General Manager, or his/her designee, and shall include the following:

1. Name and address of the petitioner(s).
2. Purpose of water use.
3. Specific provision(s) of the Plan from which the petitioner is requesting relief.
4. Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Plan.
5. Description of the relief requested.
6. Period of time for which the variance is sought.
7. Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
8. Other pertinent information.

Variances granted by the Acton MUD shall be subject to the following conditions, unless waived or modified by the General Manager:

1. Variances granted shall include a timetable for compliance.
2. Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

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

Section XII. Severability

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

**ACTON MUNICIPAL UTILITY DISTRICT
WHOLESALE DROUGHT CONTINGENCY PLAN**

Section I. 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 Acton Municipal Utility District adopts the following Drought Contingency Plan (the Plan).

Section II. Public Involvement

Opportunity for the public to provide input into the preparation of the Plan was provided by the Acton MUD by means scheduling and providing public notice of a public Board of Directors' meeting to accept input on the Plan.

Section III. Wholesale Customer Education

The Acton Municipal Utility District will periodically provide wholesale water customers with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by means of providing a copy of the Plan or periodically including information about the Plan with invoices for water sales.

Section IV. Coordination with Regional Water Planning Group

The service area of the Acton MUD is located within Region G Water Planning Area of the Brazos River Basin and Acton MUD has provided a copy of this Plan to the Region G Water Planning Group.

Section V. Authorization

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

Section VI. Application

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

Section VII. Triggering Criteria for Initiation and Termination of Drought Response Stages

The General Manager or his/her designee shall monitor water supply and/or demand conditions on a daily basis and shall determine when conditions warrant initiation or termination of each stage of the Plan. Public

notification of the initiation or termination of drought response stages shall be by means of direct mail to each customer, or publication in a newspaper of general circulation.

The triggering criteria described below are based on a statistical analysis of the vulnerability of the water source under drought of record conditions.

A. Stage 1 Triggers - Mild Water Shortage Conditions

Requirements for initiation - The Acton Municipal Utility District will recognize that a mild water shortage condition exists when the total daily water demand equals or exceeds 80 percent of the safe operating capacity of water supply facilities.

Requirements for termination - Stage 1 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of seven (7) consecutive days. The Acton Municipal Utility District will notify its wholesale customers and the media of the termination of Stage 1 in the same manner as the notification of initiation of Stage 1 of the Plan.

B. Stage 2 Triggers - Moderate Water Shortage Conditions

Requirements for initiation - The Acton Municipal Utility District will recognize that a moderate water shortage condition exists when the total daily water demand equals or exceeds 90 percent of the safe operating capacity of water supply facilities.

Requirements for termination - Stage 2 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of seven (7) consecutive days. Upon termination of Stage 2, Stage 1 becomes operative. The Acton Municipal Utility District will notify its wholesale customers and the media of the termination of Stage 2 in the same manner as the notification of initiation of Stage 1 of the Plan.

C. Stage 3 Triggers - Severe Water Shortage Conditions

Requirements for initiation - The Acton Municipal Utility District will recognize that a severe water shortage condition exists when the total daily water demand equals or exceeds 95 percent of the safe operating capacity of water supply facilities.

Requirements for termination - Stage 3 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of seven (7) consecutive days. Upon termination of Stage 3, Stage 2 becomes operative. Acton Municipal Utility District will notify its wholesale customers and the media of the termination of Stage 2 in the same manner as the notification of initiation of Stage 3 of the Plan.

D. Stage 4 Triggers - Critical Water Shortage Conditions

Requirements for initiation - The Acton Municipal Utility District will recognize that an emergency water shortage condition exists when the General Manager or his/her designee, determines that a water supply emergency exists based on:

1. Major water line breaks, or pump or system failures occur, which cause unprecedented loss of capability to provide water service; or
2. Natural or man-made contamination of the water supply source(s); or
3. When the specific capacity of the Acton MUD wells is equal to or less than 50 percent of the total wells original specific capacity; or
4. When the reservoir level of Tank NO.7 at the Acton Booster Station falls below a level of 11 feet and the level continues to decrease for 4 hours.

Requirements for termination - Stage 4 of the Plan may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of one (1) day. Acton Municipal Utility District will notify its wholesale customers of the termination of Stage 4.

Section VIII. Drought Response Stages

The General Manager, or his/her designee, shall monitor water supply and/or demand conditions and, in accordance with the triggering criteria set forth in Section VII, shall determine that mild, moderate, or severe water shortage conditions exist or that an emergency condition exists and shall implement the following actions:

A. Stage 1 Response - Mild Water Shortage Conditions

Target: Achieve a voluntary 5 percent reduction in total water use.

Supply Management Measures:

1. Acton MUD shall implement measures to manage limited water supplies and by reduced or discontinued flushing of water mains.

Demand Management Measures:

1. The General Manager, or his/her designee(s), will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate voluntary measures to reduce water use (e.g., implement Stage 1 of the customer's drought contingency plan).
2. The General Manager, or his/her designee(s), will provide a weekly report to wholesale water customers with information regarding current water supply and/or demand conditions, projected water supply and demand conditions if drought conditions persist, and consumer information on water conservation measures and practices.

B. Stage 2 Response - Moderate Water Shortage Conditions

Target: Achieve a 10 percent reduction total water use.

Supply Management Measures:

1. Acton MUD shall implement measures to manage limited water supplies and by reduced or discontinued flushing of water mains.

Demand Management Measures:

1. The General Manager, or his/her designee(s), will initiate weekly contact with wholesale water customers to discuss water supply and/or demand conditions and the possibility of pro rata curtailment of water diversions and/or deliveries.
2. The General Manager, or his/her designee(s), will request wholesale water customers to initiate mandatory measures to reduce non-essential water use (e.g., implement Stage 2 of the customer's drought contingency plan).
3. The General Manager, or his/her designee(s), will initiate preparations for the implementation of pro rata curtailment of water diversions and/or deliveries by preparing a monthly water usage allocation baseline for each wholesale customer according to the procedures specified in Section IX of the Plan.

C. Stage 3 Response - Severe Water Shortage Conditions

Target: Achieve a 20 percent reduction in total water use.

Supply Management Measures:

1. Acton MUD shall implement measures to manage limited water supplies by discontinued flushing of water mains.

Demand Management Measures:

1. The General Manager, or his/her designee(s), will contact wholesale water customers to discuss water supply and/or demand conditions and will request that wholesale water customers initiate additional mandatory measures to reduce non-essential water use (e.g. Implement Stage 3 of the customer's drought contingency plan).
2. The General Manager, or his/her designee(s), will initiate pro rata curtailment of water diversions and/or deliveries for each wholesale customer according to the procedures specified in Section IX of the Plan.

D. Stage 4 Response - Emergency Water Shortage Conditions

Whenever emergency water shortage conditions exist as defined in Section VII of the Plan, the General Manager shall:

1. Assess the severity of the problem and identify the actions needed and time required to solve the problem.

2. Inform the utility director or other responsible official of each wholesale water customer by telephone or in person and suggest actions, as appropriate, to alleviate problems.
3. If appropriate, notify city, county, and/or state emergency response officials for assistance.
4. Undertake necessary actions, including repairs and/or clean-up as needed.
5. Prepare a post-event assessment report on the incident and critique of emergency response procedures and actions.

Section IX. Pro Rata Water Allocation

In the event that the triggering criteria specified in Section VII of the Plan for Stage 2 - Moderate Water Shortage Conditions have been met, the General Manager is hereby authorized to initiate allocation of water supplies on a pro rata basis in accordance with Texas Water code Section 11.039.

Section X. Enforcement

During any period when pro rata allocation of available water supplies is in effect, wholesale customers shall pay the following surcharges on excess water diversions and/or deliveries:

- A. 1.5 times the normal water charge per 1000 gallons for water diversions and/or deliveries in excess of the monthly allocation up through 5 percent above the monthly allocation.
- B. times the normal water charge per 1000 gallons for water diversions and/or deliveries in excess of the monthly allocation from 5 percent through 10 percent above the monthly allocation.
- C. 2.5 times the normal water charge per 1000 gallons for water diversions and/or deliveries in excess of the monthly allocation from 10 percent through 15 percent above the monthly allocation.
- D. times the normal water charge per 1000 gallons for water diversions and/or deliveries more than 15 percent above the monthly allocation.
- E. The above surcharges shall be cumulative.

Section XI. Variances

The General Manager), or his/her designee, may, in writing, grant a temporary variance to the pro rata water allocation policies provided by this Plan if it is determined that failure to grant such variance would cause an emergency condition adversely affecting the public health, welfare, or safety and if one or more of the following conditions are met:

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

- A. Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Plan shall file a petition for variance with the Acton MUD within 5 days after pro rata allocation has been invoked. All petitions for variances shall be reviewed by the Acton MUD Board of Directors or its designee and shall include the following:

1. Name and address of the petitioner(s).
2. Detailed statement with supporting data and information as to how the pro rata allocation of water under the policies and procedures established in the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
3. Description of the relief requested.
4. Period of time for which the variance is sought.
5. Alternative measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
6. Other pertinent information.

Variances granted by the Acton Municipal Utility District Board of Directors shall be subject to the following conditions, unless waived or modified by the Acton MUD Board of Directors or its designee:

1. Variances granted shall include a timetable for compliance.
2. Variances granted shall expire when the Plan is no longer in effect, unless the petitioner has failed to meet specified requirements.

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

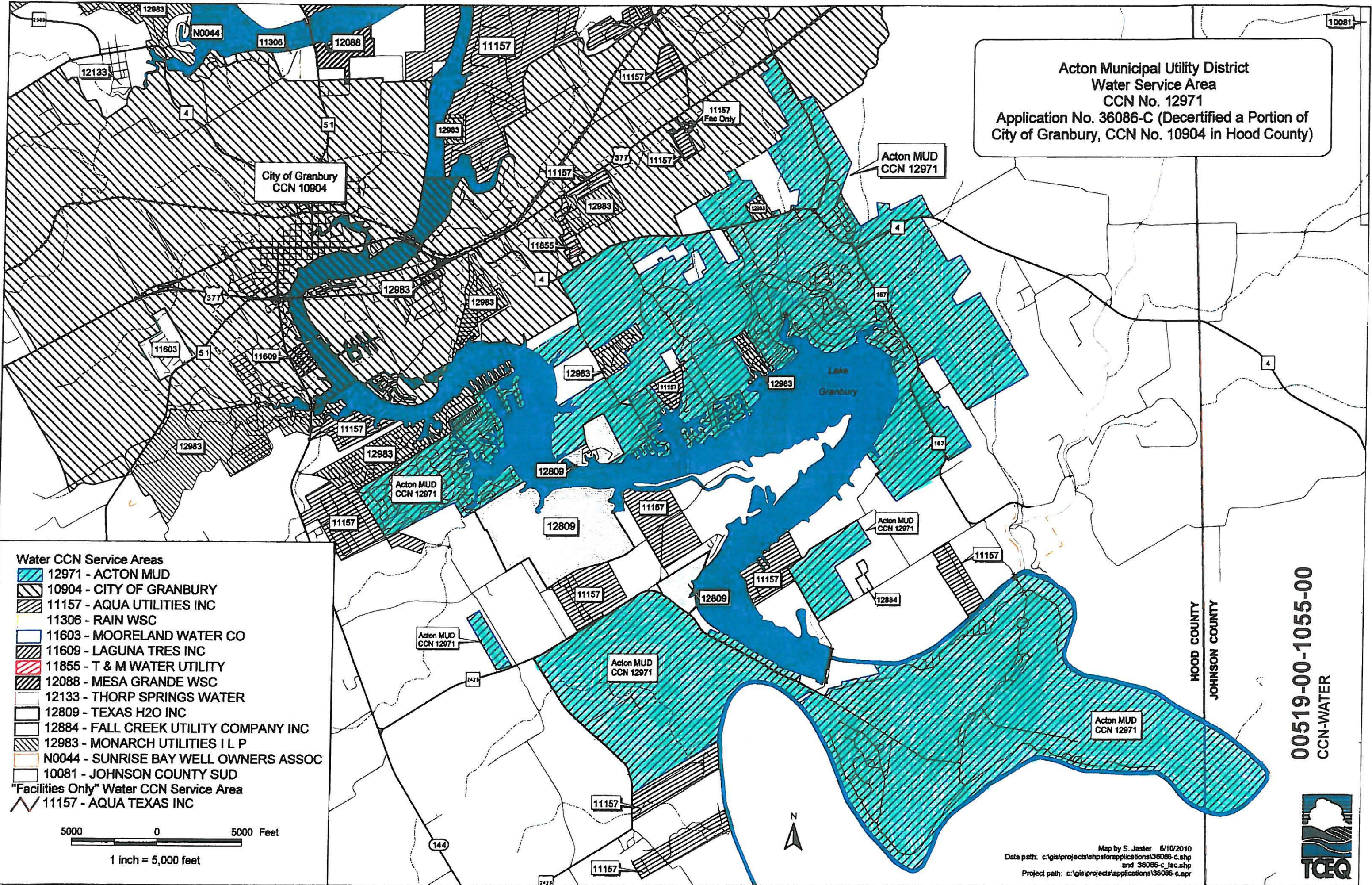
Section XII. Severability

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

Appendix A

Service Area Maps and Copy of CCN

Acton Municipal Utility District
 Water Service Area
 CCN No. 12971
 Application No. 36086-C (Decertified a Portion of
 City of Granbury, CCN No. 10904 in Hood County)



- Water CCN Service Areas**
- 12971 - ACTON MUD
 - 10904 - CITY OF GRANBURY
 - 11157 - AQUA UTILITIES INC
 - 11306 - RAIN WSC
 - 11603 - MOORELAND WATER CO
 - 11609 - LAGUNA TRES INC
 - 11855 - T & M WATER UTILITY
 - 12088 - MESA GRANDE WSC
 - 12133 - THORP SPRINGS WATER
 - 12809 - TEXAS H2O INC
 - 12884 - FALL CREEK UTILITY COMPANY INC
 - 12983 - MONARCH UTILITIES I L P
 - N0044 - SUNRISE BAY WELL OWNERS ASSOC
 - 10081 - JOHNSON COUNTY SUD
- "Facilities Only" Water CCN Service Area**
- 11157 - AQUA TEXAS INC

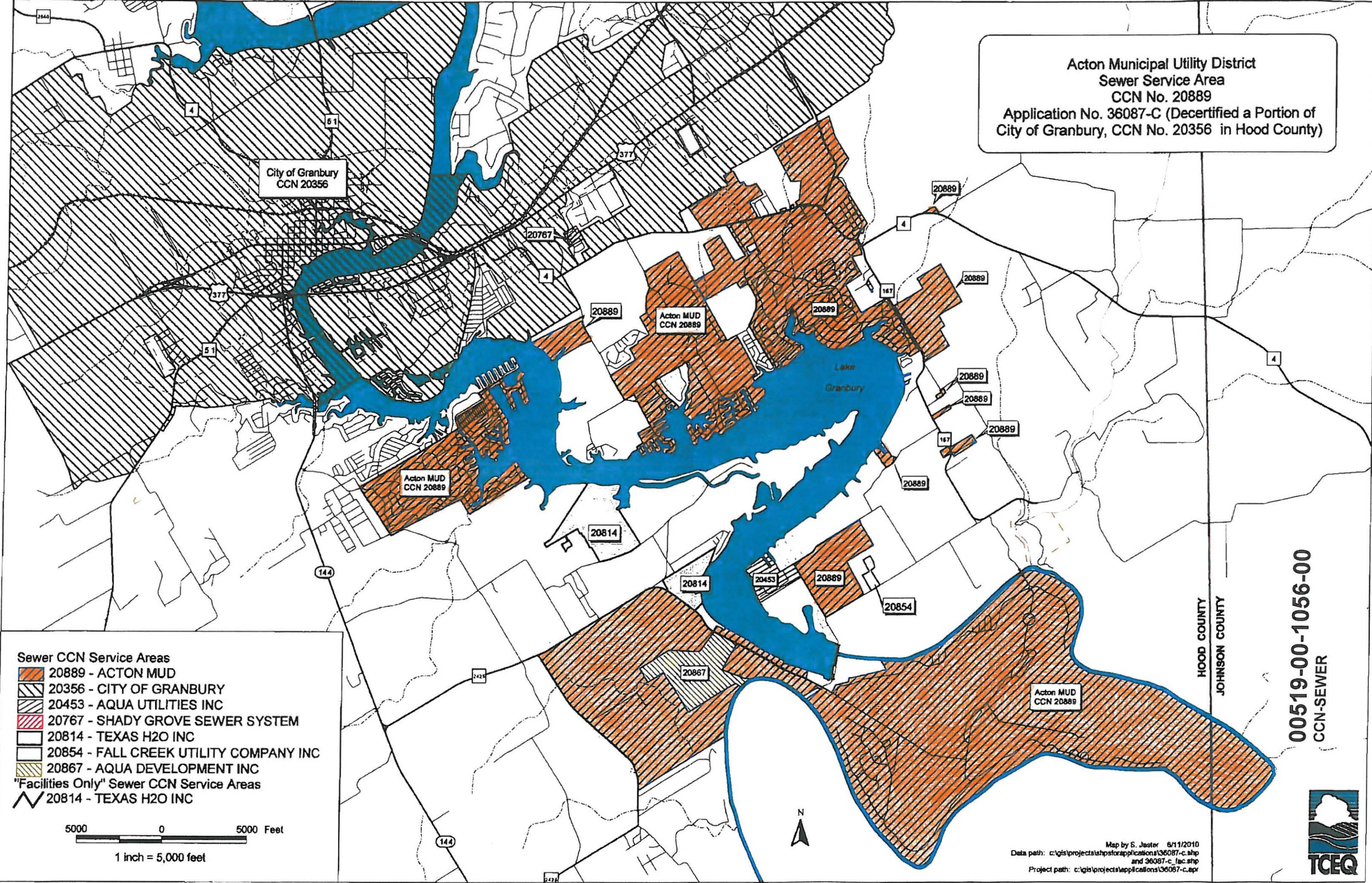
5000 0 5000 Feet
 1 inch = 5,000 feet

00519-00-1055-00
 CCN-WATER

Map by S. Jaster 6/10/2010
 Data path: c:\gis\projects\shpsforapplications\36086-c.shp
 and 36086-c_fac.shp
 Project path: c:\gis\projects\applications\36086-c.apr



Acton Municipal Utility District
 Sewer Service Area
 CCN No. 20889
 Application No. 36087-C (Decertified a Portion of
 City of Granbury, CCN No. 20356 in Hood County)



- Sewer CCN Service Areas**
-  20889 - ACTON MUD
 -  20356 - CITY OF GRANBURY
 -  20453 - AQUA UTILITIES INC
 -  20767 - SHADY GROVE SEWER SYSTEM
 -  20814 - TEXAS H2O INC
 -  20854 - FALL CREEK UTILITY COMPANY INC
 -  20867 - AQUA DEVELOPMENT INC
- "Facilities Only" Sewer CCN Service Areas**
-  20814 - TEXAS H2O INC

5000 0 5000 Feet
 1 inch = 5,000 feet

00519-00-1056-00
 CCN-SEWER

Map by S. Jaster 8/11/2010
 Data path: c:\gis\projects\shipforapplications\36087-c.shp
 and 36087-c_fac.shp
 Project path: c:\gis\projects\applications\36087-c.epr



Appendix B

Utility Profile for Retail Water Supplier

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility:

Public Water Supply Identification Number (PWS ID):

Certificate of Convenience and Necessity (CCN) Number:

Surface Water Right ID Number:

Wastewater ID Number:

Contact: First Name: Last Name:

Title:

Address: City: State:

Zip Code: Zip+4: Email:

Telephone Number: Date:

Is this person the designated Conservation Coordinator? Yes No

Regional Water Planning Group:

Groundwater Conservation District:

Our records indicate that you:

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

A. Population and Service Area Data

1. Current service area size in square miles:

Attached file(s):

File Name	File Description
1e8d7922-34db-4ba2-bf20-c20c615a25e2WUD_Map.pdf	

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

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

Year	Historical Population Served By Retail Water Service	Historical Population Served By Wholesale Water Service	Historical Population Served By Wastewater Water Service
2018	18,720	3,105	9,797
2017	18,626	875	9,747
2016	18,132	5,605	9,489
2015	17,638	5,000	9,230
2014	17,144	5,605	8,972

3. Projected service area population for the following decades.

Year	Projected Population Served By Retail Water Service	Projected Population Served By Wholesale Water Service	Projected Population Served By Wastewater Water Service
2020	19,608	3,105	10,262
2030	31,620	3,105	16,547
2040	39,531	3,105	20,687
2050	43,668	3,105	22,853
2060	48,233	3,105	25,242

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

2021 Regional Water Plan

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. System Input

System input data for the previous five years.

Total System Input = Self-supplied + Imported – Exported

Year	Water Produced in Gallons	Purchased/Imported Water in Gallons	Exported Water in Gallons	Total System Input	Total GPCD
2018	524,181,135	337,985,000	37,005,776	825,160,359	121
2017	809,142,065	0	142,565,782	666,576,283	98
2016	506,315,905	245,331,000	136,186,719	615,460,186	93
2015	780,681,081	0	116,160,340	664,520,741	103
2014	829,170,794	3,481,680	65,846,000	766,806,474	123
Historic Average	689,898,196	117,359,536	99,552,923	707,704,809	108

C. Water Supply System

1. Designed daily capacity of system in gallons 7,700,000
2. Storage Capacity
 - 2a. Elevated storage in gallons: 1,780,000
 - 2b. Ground storage in gallons: 4,940,000

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Projected Demands

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

Year	Population	Water Demand (gallons)
2020	19,608	825,474,418
2021	20,809	876,043,567
2022	22,010	926,612,716
2023	23,212	977,181,865
2024	24,413	1,027,751,013
2025	25,614	1,078,320,162
2026	26,815	1,128,889,311
2027	28,016	1,179,458,460
2028	29,218	1,230,027,609
2029	30,419	1,280,596,758

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

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. High Volume Customers

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

Customer	Water Use Category	Annual Water Use	Treated or Raw
Pecan Plantation Owner's Association	Residential	6,919,490	Treated
Granbury ISD (Acton)	Institutional	2,095,920	Treated
Granbury ISD (Mambrino)	Institutional	1,631,360	Treated
DeCordova Bend Estates	Residential	1,314,000	Treated
David Hurt	Residential	796,081	Treated

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

Customer	Water Use Category	Annual Water Use	Treated or Raw
Comanche Harbor	Municipal	26,212,884	Treated
Rancho Brazos	Municipal	8,191,762	Treated
Canyon Creek Addition	Municipal	2,354,500	Treated
Acton Water Company Royal Oaks	Municipal	242,930	Treated
Montego Bay	Municipal	3,700	Treated

F. Utility Data Comment Section

Additional comments about utility data.

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

Section II: System Data

A. Retail Water Supplier Connections

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

Water Use Category Type	Total Retail Connections (Active + Inactive)	Percent of Total Connections
Residential - Single Family	7,696	96.43 %
Residential - Multi-Family	119	1.49 %
Industrial	0	0.00 %
Commercial	90	1.13 %
Institutional	76	0.95 %
Agricultural	0	0.00 %
Total	7,981	100.00 %

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

Year	Net Number of New Retail Connections						Total
	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	
2018	216	26	0	13	0		255
2017	240	0	0	0	0		240
2016	127	0	0	0	0		127
2015	122	0	0	0	0		122
2014	167	0	0	0	0		167

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

B. Accounting Data

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

Year	Residential - Single Family	Residential - Multi-Family	Industrial	Commercial	Institutional	Agricultural	Total
2018	663,272,612	3,023,988	0	14,618,829	12,652,861	0	693,568,290
2017	593,459,658	2,858,317	0	11,543,285	52,103,205	0	659,964,465
2016	574,885,794	3,299,174	0	10,747,046	12,494,004	0	601,426,018
2015	589,343,113	3,182,086	0	11,256,082	13,062,915	0	616,844,196
2014	627,086,952	3,418,017	0	25,552,453	11,914,601	3,481,680	671,453,703

C. Residential Water Use

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

Year	Residential - Single Family	Residential - Multi-Family	Total Residential
2018	90	0	90
2017	88	0	88
2016	87	0	87
2015	95	0	95
2014	101	0	101
Historic Average	92	0	92

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

D. Annual and Seasonal Water Use

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

Month	Total Gallons of Treated Water				
	2018	2017	2016	2015	2014
January	58,066,613	43,844,421	41,866,444	42,558,880	47,697,174
February	45,266,642	37,741,934	44,290,683	38,119,225	44,180,228
March	50,974,611	55,131,026	48,647,690	43,302,484	54,770,625
April	63,747,554	56,031,809	50,566,786	46,984,345	60,761,527
May	81,568,256	82,092,580	50,058,808	41,890,948	83,858,724
June	116,026,222	69,859,643	70,440,216	67,939,656	80,884,565
July	132,897,840	91,273,808	111,973,199	111,957,792	138,522,758
August	105,616,255	76,951,907	97,757,302	124,403,026	165,876,636
September	61,248,857	89,506,338	77,852,480	99,653,199	126,040,222
October	50,348,395	68,397,930	65,736,829	80,719,266	102,071,092
November	43,649,272	64,708,695	45,071,806	40,689,934	73,129,928
December	42,952,756	53,904,000	44,370,641	39,930,698	58,962,315
Total	852,363,273	789,444,091	748,632,884	778,149,453	1,036,755,794

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

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

Month	Total Gallons of Raw Water				
	2018	2017	2016	2015	2014
January	24,435	27,041	31,181	27,958	38,409
February	49,643	51,687	98,434	40,787	63,312
March	107,897	175,068	112,716	19,171	147,701
April	329,701	357,903	269,101	129,164	309,187
May	432,343	374,059	167,177	46,927	378,953
June	621,107	311,310	139,241	129,459	338,984
July	667,942	393,413	491,060	363,014	387,336
August	629,951	537,347	710,761	662,808	564,222
September	425,030	512,378	307,388	459,791	531,912
October	220,827	357,030	83,652	467,909	430,119
November	35,203	232,375	570,560	163,791	291,545
December	35,783	185,522	32,750	20,849	0
Total	3,579,862	3,515,133	3,014,021	2,531,628	3,481,680

3. Summary of seasonal and annual water use.

	Summer RETAIL (Treated + Raw)	Total RETAIL (Treated + Raw)
2018	356,459,317	855,943,135
2017	239,327,428	792,959,224
2016	281,511,779	751,646,905
2015	305,455,755	780,681,081
2014	386,574,501	1,040,237,474
Average in Gallons	313,865,756.00	844,293,563.80

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

E. Water Loss

Water Loss data for the previous five years.

Year	Total Water Loss in Gallons	Water Loss in GPCD	Water Loss as a Percentage
2018	93,790,125	14	11.50 %
2017	6,280,725	1	0.94 %
2016	13,016,001	2	2.11 %
2015	30,823,980	5	4.64 %
2014	51,805,727	8	6.76 %
Average	39,143,312	6	5.19 %

F. Peak Day Use

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

Year	Average Daily Use (gal)	Peak Day Use (gal)	Ratio (peak/avg)
2018	2,345,049	3874557	1.6522
2017	2,172,491	2601385	1.1974
2016	2,059,306	3059910	1.4859
2015	2,138,852	3320171	1.5523
2014	2,849,965	4201896	1.4744

G. Summary of Historic Water Use

Water Use Category	Historic Average	Percent of Connections	Percent of Water Use
Residential - Single Family	609,609,625	96.43 %	93.98 %
Residential - Multi-Family	3,156,316	1.49 %	0.49 %
Industrial	0	0.00 %	0.00 %
Commercial	14,743,539	1.13 %	2.27 %
Institutional	20,445,517	0.95 %	3.15 %
Agricultural	696,336	0.00 %	0.11 %

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

H. System Data Comment Section

Section III: Wastewater System Data

A. Wastewater System Data

1. Design capacity of wastewater treatment plant(s) in gallons per day: 1,087,500

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

Water Use Category	Metered	Unmetered	Total Connections	Percent of Total Connections
Municipal	0	4,088	4,088	97.87 %
Industrial	0	0	0	0.00 %
Commercial	0	67	67	1.60 %
Institutional	0	22	22	0.53 %
Agricultural	0	0	0	0.00 %
Total	0	4,177	4,177	100.00 %

3. Percentage of water serviced by the wastewater system: 52.34 %

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

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

Month	Total Gallons of Treated Water				
	2018	2017	2016	2015	2014
January	14,228,000	15,891,000	21,750,000	14,133,000	13,470,000
February	17,441,000	15,274,000	17,139,000	12,151,000	11,614,000
March	20,385,000	15,104,000	23,973,000	17,123,000	12,568,000
April	15,642,000	17,922,000	26,444,000	17,074,000	13,041,000
May	14,800,000	14,372,000	25,007,000	42,205,000	15,323,000
June	12,686,000	18,464,000	31,339,000	22,016,000	17,410,000
July	12,378,000	18,084,000	15,447,000	13,915,000	13,334,000
August	13,843,000	16,502,000	13,865,000	12,149,000	11,694,000
September	20,884,000	13,892,000	13,474,000	11,547,000	10,867,000
October	39,545,000	13,818,000	14,442,000	15,049,000	11,613,000
November	26,071,000	13,568,000	14,623,000	23,812,000	12,133,000
December	23,368,000	14,977,000	14,359,000	27,046,000	12,352,000
Total	231,271,000	187,868,000	231,862,000	228,220,000	155,419,000

5. Could treated wastewater be substituted for potable water?

Yes
 No

B. Reuse Data

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

Type of Reuse	Total Annual Volume (in gallons)
On-site Irrigation	0
Plant wash down	0
Chlorination/de-chlorination	0
Industrial	0
Landscape irrigation (park,golf courses)	0
Agricultural	0
Discharge to surface water	0
Evaporation Pond	0
Other	0
Total	0

UTILITY PROFILE FOR RETAIL WATER SUPPLIER

C. Wastewater System Data Comment

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

Appendix C

Water Conservation Plan Goals

WATER CONSERVATION GOALS FOR RETAIL WATER SUPPLIER

CONTACT INFORMATION

Name of Utility:

Public Water Supply Identification Number (PWS ID):

Certificate of Convenience and Necessity (CCN) Number:

Surface Water Right ID Number:

Wastewater ID Number:

Contact: First Name: Last Name:

Title:

Address: City: State:

Zip Code: Zip+4: Email:

Telephone Number: Date:

Is this person the designated Conservation Coordinator? Yes No

Regional Water Planning Group:

Groundwater Conservation District:

Our records indicate that you:

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

	Historic 5 Year Average	Baseline	5-Year Goal for Year 2024	10-Year Goal for Year 2029
Total GPCD	107	107	107	107
Residential GPCD	94	92	92	92
Water Loss (GPCD)	6	7	7	7
Water Loss Percentage	5.61 %	6.54 %	6.54 %	6.54 %

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

Appendix D

Current Water Rate Structure

RATES AND CONNECTION FEES

IN-DISTRICT RATES					NON-DISTRICT RATES	
\$ 145.00 New Service Fees					\$ 197.50 New Service Fees	
\$ 30.00	Meter Maintenance				\$ 56.25	Meter Maintenance
\$ 15.00	Account Maintenance				\$ 41.25	Account Maintenance
\$ 100.00	Refundable Deposit** <i>(\$ 30.00 After hours service fee after 2:30)</i>				\$ 100.00	Refundable Deposit** <i>(\$ 30.00 After hours service fee after 2:30)</i>
\$ 4,580.00 Water Connection Fees					Non-District Customer Sites must be pre approved by the Board of Directors prior to setting up service. Sewer unavailable to Non-District Customers	
\$ 375.00	Meter Set Fee					
\$ 15.00	Account Maintenance					
\$ 100.00	Refundable Deposit**					
\$ 3,500.00	Impact Fees for standard 5/8" meter					
\$ 500.00	Water Tap Fees					
\$ 90.00	Water Plumbing Inspection Fee					
\$ 3,605.00 Sewer Connection Fees						
\$ 3,200.00	Impact Fees					
\$ 375.00	Sewer Tap Fees					
\$ 30.00	Sewer Plumbing Inspection Fee					
\$8,185.00	<i>Combined Water and Sewer Connection Fees</i>					
Add the following costs when upgrading to a larger meter:						
Meter Size	Water Impact	Sewer Impact	Meter Set	Tap Fee	Fire Hydrant Rate	
¾" meter	\$ 1,750.00	\$ 1,600.00	\$ 105.00	\$ 0	\$ 92.13	Minimum Fire Hydrant Meter Bill
1" meter	\$ 5,250.00	\$ 4,800.00	\$ 240.00	\$ 80.00	\$ 10.66	Per 1,000 gallons
1 ½" meter	\$ 14,000.00	\$ 12,800.00	\$ 620.00	\$ 420.00		
2" meter	\$ 24,500.00	\$ 22,400.00	\$ 1,050.00	\$ 705.00	\$ 800.00	Refundable Meter Deposit **
Call on 3" meter connections and larger						

Monthly IN-DISTRICT RATES					Monthly NON-DISTRICT RATES		
Monthly Residential and Commercial Water Rates					Monthly Residential and Commercial Water Rates		
\$ 29.66	Minimum Water Bill (std 5/8" meter)				\$ 44.00	Minimum 0-2,000 gallons (std 5/8" meter)	
\$ 4.69	0-8,000 gallons (per 1,000 gallons)				\$ 6.12	2,001-25,000 gallons (per 1,000 gallons)	
\$ 5.81	8,001 – 16,000 gallons (per 1,000 gallons)						
\$ 6.73	16,001 – 25,000 gallons (per 1,000 gallons)						
\$ 8.08	Over 25,000 gallons (per 1,000 gallons)				\$ 10.00	Over 25,000 gallons (per 1,000 gallons)	
Alternate Monthly Minimum Water Rates:					Alternate Monthly Minimum Water Rates:		
\$ 46.25	0 gallons		(1" meter)		\$ 72.32	0-2,000 gallons	(1" meter)
\$ 60.51	0 gallons		(1 ½" meter)		\$ 93.98	0-2,000 gallons	(1 ½" meter)
\$ 74.37	0 gallons		(2" meter)		\$ 115.02	0-2,000 gallons	(2" meter)
\$ 107.53	0 gallons		(3" meter)		\$ 175.48	0-2,000 gallons	(3" meter)
\$ 382.54	0 gallons		(4" meter)		\$ 583.48	0-2,000 gallons	(4" meter)

Monthly Multi-Unit Water Rates
Each unit is billed at the appropriate Water and Sewer Rates

Monthly Residential Sewer Rates	
\$ 24.00	Minimum Sewer Bill
\$ 3.50	0-8,000 gallons (per 1,000 gallons) 8,000 gallon cap based on winter average

Monthly Commercial Sewer Rates	
\$ 24.00	Minimum Sewer Bill
\$ 3.50	per 1,000 gallons

Pass Thru Fees from other Agencies
<p>TCEQ Regulatory Assessment Fee: The Texas Commission on Environmental Quality charges an assessment of 0.5% on water and sewer charges.</p> <p>UTGCD Fee: The Upper Trinity Groundwater Conservation District charges an assessment of \$0.22 per 1,000 gallons on ground water pulled from local aquifers.</p> <p>TX EMS: Optional ambulance service membership with the Texas Emergency Medical Services, (Texas EMS) for residential customers, \$1.00 a month. More info call - 817-279-1408</p> <p>Careflite: Optional ambulance service membership for residential customers, \$1.00 a month. More info call - 877-339-2273</p>

Miscellaneous Charges	
\$ 42.50	Re-Connect Charge
\$ 17.50	Collection Fee
\$ 30.00	Returned Check Fee
\$ 75.00	Meter Test Charge
\$ 25.00	Backflow Testing Fee
\$ 25.00	Sprinkler Permit Fee
\$ 60.00	Vacation Reconnect Fee
\$ 100.00	Annexation Filing Fee
\$100.00	Meter Tampering Fee
10% of total bill	Late Payment Charge (after due date)
\$45.00	Transfer Fee
\$3,300.00	Grinder Pump
\$40.00	Grinder Pump Plumbing Inspection Fee
\$30.00	Re-Inspection Fee
\$25.00	Additional refundable deposit collected each Time Re-Connect Charge is applied.
**Deposit applied to final bill when account is closed.	

Appendix E

Resolution Adopting Water Conservation and Drought Contingency Plan

**RESOLUTION FOR ADOPTION OF THE
UPDATED Acton MUNICIPAL UTILITY DISTRICT
WATER CONSERVATION AND DROUGHT CONTINGENCY PLAN
RESOLUTION NO.**

A RESOLUTION OF THE BOARD OF DIRECTORS
ADOPTING A WATER CONSERVATION AND
DROUGHT CONTINGENCY PLAN FOR THE DISTRICT.

WHEREAS, the Directors recognizes that the amount of water available to the District and its water utility customers is limited and subject to depletion during periods of extended drought; and

WHEREAS, the Directors recognizes that natural limitations due to drought conditions and other acts of God cannot guarantee an uninterrupted water supply for all purposes; and

WHEREAS, Section 11.1272 of the Texas Water Code and applicable rules of the Texas Commission on Environmental Quality require all affected public water supply systems in Texas to prepare a water conservation and drought contingency plan; and

WHEREAS, as authorized under law, and in the best interests of the customers of the District, the Directors deems it expedient and necessary to establish certain rules and policies for the orderly and efficient management of limited water supplies during drought and other water supply emergencies;

NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE DISTRICT:

- SECTION 1. That the Water Conservation and Drought Contingency Plan attached hereto as Exhibit A and made part hereof for all purposes be adopted as the official policy of the District.
- SECTION 2. That the General Manager is hereby directed to implement, administer, and enforce the Water Conservation and Drought Contingency Plan.
- SECTION 3. That this resolution shall take effect immediately upon its passage.

DULY PASSED BY THE BOARD OF DIRECTORS OF THE DISTRICT, ON THIS __ day of _____, 20__.

President, Board of Directors

ATTESTED TO:

Secretary, Board of Directors

Appendix F

Example of Notification Letter to Wholesale Purchasers

(Date)

(Wholesale Customer)
(Address)

Dear (Wholesale Customer);

Pursuant to requirements found in 30 Texas Administrative Code (TAC) Chapter 288, the District is required by the State of Texas to develop, implement, and maintain Water Conservation and Drought Contingency Plans ("Plans"). The District's plans recently underwent amendments. While the Plans remain substantially the same, we take this opportunity to make you aware of the plan updates.

Sincerely

Acton MUD