

OLMITO WATER SUPPLY CORPORATION

**101 Clara Bennett Drive
Olmito, Texas 78575**

**PWS # 310026
CCN # 10537**

WATER CONSERVATION PLAN

&

DROUGHT CONTINGENCY PLAN

**REVISED & ADOPTED
December 8, 2020**

OLMITO WATER SUPPLY CORPORATION

Water Conservation Plan

I. Introduction

In accordance with the requirements of the Texas Water Development Board (TWDB) and the Texas Commission on Environmental Quality (TCEQ), the Olmito Water Supply Corporation updated its Water Conservation Plan for the five (5) year period of January 1, 2019 through December 31, 2023 and the Board of Directors adopted the plan on March 7, 2019 as Corporation Resolution No. 2019-002. Subsequently, the plan was revised, and on December 8, 2020, the Board of Directors adopted the revised Water Conservation Plan as Resolution No. 2020-003. The resolution adopting the Water Conservation Plan shall authorize the Olmito WSC to implement, enforce, and administer the program.

The Board of Directors of the Olmito WSC recognize the importance of water conservation for the efficient management of our water resources and is committed to reduce water use, prevent water loss and promote water conservation among our customers.

II: Purpose of the Plan

The purpose of this Water Conservation Plan is to comply with Title 30 of the Texas Administrative Code, Chapter 288 (30 TAC Section 288), to increase the efficiency of water use by the Olmito WSC treatment & distribution systems, to provide the public with information for water conservation and to set five-year and ten-year goals to reduce the average water usage per connection and limit water loss to less than 10% of total gallons per capita per day.

III: Utility Profile

The Olmito Water Supply Corporation has a water distribution service area of approximately 18 square miles and services a population of over 6,000 residents including the Cameron County Detention Facility which is the largest customer. The Olmito WSC provides drinking water to customers through a network of approximately 40 miles of transmission and distribution lines to over 1,900 water connections. The annual water usage for 2019 for the five highest volume customers was 45% of total water billed.

The Olmito WSC continues to strive to improve its operating system and reduce water loss. Over 1,200 residential water meters were replaced during 2017. The average annual water loss percentage for the five-year period of 2014 to 2018 was 10.4%, which represents a decrease of 1.7% when compared to the five-year period of 2009 to 2013. The annual water loss percentage for 2019 was 9.3%.

The annual water loss (in gallons) for 2014 through 2019 is listed below.

Year	Total System Input (Gallons)	Annual Water Loss	Water Loss Percentage
2014	309,443,000	24,679,600	8%
2015	304,179,592	33,645,392	11%
2016	344,125,612	41,801,012	12%
2017	377,377,755	34,156,855	9%
2018	339,809,489	42,816,989	12.6%
2019	329,149,592	30,604,192	9.3%

The annual water sales (in gallons) for 2014 through 2019 are listed below.

Year	Residential	Commercial	Total
2014	125,817,200	135,016,800	260,834,000
2015	118,821,100	127,712,200	246,533,300
2016	131,858,400	157,758,700	289,617,100
2017	132,387,300	175,992,500	308,379,800
2018	128,290,000	153,289,400	281,579,400
2019	129,786,900	155,864,600	285,651,500

The Texas Commission on Environmental Quality Utility Profile is included in Appendix A. The Olmito WSC service area map is included in Appendix B.

IV: 5-Year and 10-Year Goals

The OlmitoWSC continues to encourage water conservation and to strive to improve its water loss reduction goals and decrease per capita water use. The following schedule sets specific 5-Year and 10-Year targets for water use and water loss. The baseline figures for Total GPCD and Residential GPCD are those for 2018.

	5-Year Avg. 2014-2018	Baseline	5-Year Goal for Year 2023	10-Year Goal for Year 2028
Total GPCD	154	142	140	138
Residential GPCD	60.4	58	56	54
Water Loss GPCD	16	16	14	13
Water Loss Percentage	10.4%	11%	10%	9.4%

V: Metering Devices

A master meter registers the amount of water diverted from the source of supply as raw water flows from the water source through the raw water pumps. This master meter is calibrated annually to ensure an accuracy of plus or minus 5%. A second raw water meter is in place for the purpose of accuracy comparison. There is also a meter at the water plant to account for treated water.

A distribution meter registers the amount of treated water that flows out of the water treatment plant into the distribution lines to the customers' meters. Treated water used at the wastewater treatment plant and lift stations is also metered.

VI: Universal Metering

The water conservation plan includes a program for universal metering of all customer uses of water, for meter testing and repair and for periodic meter replacement. Metering of all retail water customers provides the means for accurate accounting of water use

In addition to a meter at the supply source and the water treatment meter, a meter has been installed at the initial entry point to the customer distribution system. Also, meters have been installed at all Olmito WSC facilities that account for water usage.

Maintaining accurate meters is a high priority for Olmito WSC. A schedule has been implemented for testing and replacing customer water meters on a monthly basis to insure water usage accuracy. Over 1,200 residential water meters were replaced during 2017.

VII: Unaccounted-For Water Use and Water Loss Accounting

Unaccounted-for water is due to unauthorized water use, inaccurate customer metering and distribution system leaks. The Water Conservation Plan includes measures such as periodic visual inspections along distribution lines for leaks and illegal water use to determine and control water loss. The Olmito WSC continues to replace old water lines and meters to reduce water loss. Transient meters are issued for all temporary water uses.

Water production and usage is monitored on a daily basis and a monthly water accountability report provides data for metered production, metered and unmetered consumption, fire hydrant flushing, estimated water loss due to leaks, and unaccounted-for water loss. The Olmito WSC strives for a monthly unaccounted-for water loss rate of equal to or less than 10% of treated water.

VIII: Public Education & Information

Education is an important tool in promoting water conservation. The Olmito WSC will periodically provide the public and members/customers with information about the Water Conservation Plan, including information about the conditions under which stages of the Drought Contingency Plan are to be initiated or terminated and the drought response measures to be implemented at each stage. This information will be provided by means of public notices, Corporation website postings and hand-outs to customers of water conservation literature. Olmito WSC encourages customers to use efficient landscape irrigation practices and to improve inefficient systems.

IX: Public Involvement

The Olmito WSC provided an opportunity for public input into the preparation of the Water Conservation Plan by inviting the public to participate and to present suggestions for water conservation during the Regular Board Meetings of October 2018 through January 2019. The invitation was listed on the posted meetings agendas and the Olmito WSC website. The Olmito Water Supply Corporation's members/customers were informed of the necessity to conserve water, especially during times of drought. The Olmito WSC will continue to involve the public in future meetings and related activities, especially those customers with high-volume water usage.

X: Water Rate Structure

The Olmito WSC water rate structure is cost-based, non-promotional and discourages the excessive use of water. The water rates increase as the water consumption increases. The rate structure has separate minimum rates for residential and commercial customers. This rate structure is reviewed and evaluated annually.

WATER & SEWER RATES

<u>Residential</u>	Water <u>Residential</u>	Sewer <u>Residential</u>
Minimum 0 – 2,000 gallons	\$24.68	\$18.90
Every additional 1,000 gallons:		
2,001 to 5,000	\$ 2.36	\$ 2.10
5,001 to 20,000	\$ 2.63	\$ 2.10
Over 20,000	\$ 2.89	\$ 2.10

<u>Commercial 1</u>	<u>Water Commercial 1</u>	<u>Sewer Commercial 1</u>
Minimum 0 – 4,000 gallons	\$92.40	\$64.05
Every additional 1,000 gallons:		
4,001 – 5,000	\$ 2.36	\$ 2.10
5,001 – 20,000	\$ 2.63	\$ 2.10
Over 20,000	\$ 2.89	\$ 2.10

<u>Commercial 2</u>	<u>Water Commercial 2</u>	<u>Sewer Commercial 2</u>
Minimum 0 – 8,000 gallons	\$174.40	\$114.45
Every additional 1,000 gallons:		
8,001 – 20,000	\$ 2.63	\$ 2.10
Over 20,000	\$ 2.89	\$ 2.10

XI: Plan Adoption, Implementation and Enforcement

Official adoption, implementation and enforcement of the Water Conservation Plan by the Board of Directors of the Olmito Water Supply Corporation is evidenced by Corporation Resolution No. 2020-003. The General Manager is authorized and directed to implement, administer and enforce the applicable provisions of this Plan.

A schedule to implement the plan to achieve the targets and goals will be an ongoing process. The General Manager will be monitoring water usage on a regular basis to determine the effectiveness of the plan. The Utility System Coordinator and the office personnel work together in compiling monthly water usage and water loss reports.

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

A copy of the resolution indicating the official adoption of the Water Conservation Plan is included in Appendix C.

XII: Coordination with the Regional Water Planning Groups

The service area of the Olmito WSC is located within the Texas Water Development Board Water Planning Area Region M. The Olmito WSC has provided a copy of this Plan to the Texas Water Development Board and the Lower Rio Grande Development Council (Rio Grande Regional Water Planning Group Region M).

XIII: Leak Detection and Repair

The Olmito WSC is committed to reducing water loss resulting from leaks in the water distribution system with a continuous effort to locate and repair leaks. Daily visual inspections are performed along distribution lines for leaks and illegal water use to determine and control water loss. Leak repair is a priority and performed as rapidly as possible. The Corporation continues to replace old water lines and meters to reduce water loss.

XIV: Contract Requirements

The Olmito WSC will include a requirement in every wholesale water supply contract entered into or renewed stating that each wholesale customer develop and implement a water conservation plan or water conservation measures to comply with Title 30 of the Texas Administrative Code, Chapter 288 (30 TAC Section 288) for the efficiency of water use.

XV: Plan Review and Update

The Olmito WSC shall review and update its water conservation plan, as appropriate, based on an assessment of previous five-year and ten-year targets and any other new or updated information.

XVI: Contact Information

Tomas Tamayo
General Manager
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(956) 350-4099

OLMITO WATER SUPPLY CORPORATION

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 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 Olmito Water Supply Corporation hereby adopts the following regulations and restrictions on the delivery and consumption of water.

Water uses regulated or prohibited under this Drought Contingency Plan are considered to be non-essential and continuation of such uses during times of water shortage or other emergency water supply condition are deemed to constitute a waste of water which subjects the offender(s) to penalties as defined in Section 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 Olmito WSC by inviting the public to participate and to present suggestions during the Regular Board Meetings of October 2018 through January 2019. The invitation was listed on the posted meetings agendas and the Olmito WSC website.

Section III: Public Education

Olmito WSC 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 press releases in the local newspaper, the Corporation's website, customer hand-outs and public meetings.

Section IV: Coordination with Regional Water Planning Groups

The service area of the Olmito WSC is located within the Texas Water Development Board Water Planning Area Region M. The Olmito WSC has provided a copy of this Plan to the Texas Water Development Board and the Lower Rio Grande Development Council (Rio Grande Regional Water Planning Group Region M).

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 and to initiate and 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 Olmito WSC. The terms “person” and “customer” as used in the Plan include individuals, partnerships, associations and all other legal entities.

Section VII: Definitions

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

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

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

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

Customer: any person, company, or organization using water supplied by Olmito Water Supply Corporation.

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

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

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

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

Non-essential water use: water uses that are neither essential nor required for the protection of public, health, safety, and welfare, including:

- (a) Irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other

- vehicle;
- (c) Use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts or other hard-surfaced areas;
 - (d) Use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - (e) Flushing gutters or permitting water to run or accumulate in any gutter or street;
 - (f) Use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
 - (g) Use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
 - (h) Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
 - (i) Use of water from hydrants for construction purposes or any other purposes other than firefighting.

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

The General Manager or his/her designee shall monitor water supply and/or demand conditions on a weekly basis and shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified triggers are reached. The triggering criteria described below are based on triggering criteria/trigger levels based on a statistical analysis of the vulnerability of the water source under drought of record conditions.

Stage 1 Triggers - MILD Water Shortage Conditions

Requirements for Initiation

Customers shall be requested to voluntarily conserve water and adhere to the prescribed restrictions on certain water uses, defined in Section VII Definitions, when the water levels at the U.S. water storage in Amistad and the Falcon Reservoirs, as defined by the International Boundary Commission, decrease to 51% of capacity.

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.

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 IX of this Plan when the water levels at the U.S. water storage in Amistad and the Falcon Reservoirs, as defined by the International Boundary Commission, decrease to 25% of capacity.

Requirements of 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.

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 the water levels at the U.S. water storage in Amistad and the Falcon Reservoirs, as defined by the International Boundary Commission, decrease to 15% of capacity.

Requirements of 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.

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 the water levels at the U.S. water storage in Amistad and the Falcon Reservoirs, as defined by the International Boundary Commission, decrease to 10% of capacity.

Requirements for Termination

Stage 4 of the Plan may be rescinded when all 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.

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 as determined by the following:
 - Olmito WSC Board of Directors
 - County Emergency Management Coordinator(s)
 - County Judge & Commissioners
 - Texas Commission on Environmental Quality

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 seven (7) consecutive days.

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 water shortages occur due to system failure.

Requirements for Termination

Water allocation may be rescinded when all of the conditions listed as triggering events have ceased to exist for a period of seven (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 this Plan, shall determine that a mild, moderate, severe, critical, emergency or water shortage condition exists and shall implement the following notification procedures:

Notification

Notification of the Public:

The General Manager or his/her designee shall notify the public by means of the following activities.

1. Publication in a newspaper of general circulation
2. Direct mail to each customer
3. Public service announcements
4. Signs posted in public places

Additional Notification:

The General Manager or his/her designee shall notify directly the following individuals and entities:

1. Fire Chief(s)
2. County Emergency Management Coordinator(s)
3. TCEQ (required when mandatory restrictions are imposed)
4. Major water users
5. Critical water users (i.e. hospitals)
6. Parks and public facilities managers

Water customers shall be notified to reduce or discontinue the irrigation of public landscaped areas, use an alternative water supply source and use reclaimed water for non-potable purposes.

Stage 1 Response---MILD Water Shortage Conditions

Target: Achieve a voluntary five (5) percent reduction in daily water demand.

Best Management Practices for Supply Management:

The Olmito WSC will reduce or discontinue the flushing of water mains, use an alternative water supply source and use reclaimed water for non-potable purposes.

Voluntary Water Use Restrictions for Reducing Demand:

- (a) Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8) and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9) and to irrigate landscapes only between the hours of midnight and 10:00 a.m. and 8:00 p.m. to midnight on designated watering days.
- (b) All operations of the Olmito WSC shall adhere to water use restrictions prescribed for Stage 2 of the Plan.
- (c) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes.

Stage 2 Response--MODERATE Water Shortage Conditions

Target: Achieve a five (5) percent reduction of daily water demand.

Best Management Practices for Supply Management:

The Olmito WSC will reduce or manage water demand by reducing water flushing techniques and reducing the irrigation of landscaped areas.

Water Use Restrictions for Demand Reduction:

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

- (a) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and 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.
- (b) Use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 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.

- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 12:00 midnight and 10:00 a.m. and between 8 p.m. and 12:00 midnight.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life or where such fountains or ponds are equipped with a recirculation system.
- (e) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare, except that use of water from designated fire hydrants for construction purposes may be allowed under special permit from the Olmito WSC.
- (f) 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 Olmito WSC, the facility shall not be subject to these regulations.
- (g) All restaurants are prohibited from serving water to patrons except upon request of the patron.
- (h) The following uses of water are defined as non-essential and are prohibited:
 - 1. Wash down of any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
 - 2. Use of water to wash down buildings or structures for purposes other than immediate fire protection;
 - 3. Use of water for dust control;
 - 4. Flushing gutters or permitting water to run or accumulate in any gutter or street; and
 - 5. Failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Stage 3 Response--SEVERE Water Shortage Conditions

Target: Achieve a five (5) percent reduction in daily water demand.

Best Management Practices for Supply Management:

The Olmito WSC will implement measures to manage limited water supplies and reduce water demand by discontinuing the irrigation of landscaped areas, making use of an alternative water supply source and using reclaimed water for non-potable purposes.

Water Use Restrictions for Demand Reduction:

All requirements of Stage 2 shall remain in effect during stage 3 except:

- (a) Irrigation of landscaped areas shall be limited designed watering days between the hours

of 12:00 midnight and 11:00 a.m. and between 8:00 p.m. and 12:00 midnight and shall be by means of hand-held hoses, hand-held buckets, 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 Olmito WSC.
- (c) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued

Stage 4 Response--CRITICAL Water Shortage Conditions

Target: Achieve a five (5) percent reduction of daily water demand.

Best Management Practices for Supply Management:

The Olmito WSC will implement the following water use restrictions to reduce daily water demand.

Water Use Restrictions for Reducing Demand: 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 immediate interest of public health, safety, and welfare is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 6:00 a.m. and 10:00 a.m. and between 6:00 p.m. and 10:00 p.m.
- (c) The filling, refilling, or adding of water to swimming pools, wading pools, and Jacuzzi-type pools is prohibited.
- (d) Operational 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 application 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 approved, and time limits for approval of such applications are hereby suspended for such time as this drought response stage or a higher-numbered stage shall be in effect.

Stage 5 Response--EMERGENCY Water Shortage Conditions

Target: Achieve a five (5) percent reduction of daily water demand.

Best Management Practices for Supply Management:

The Olmito WSC will implement the following water use restrictions for reducing demand.

Water Use Restrictions for Reducing Demand: 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.
- (c) Use of water from hydrants shall be limited to firefighting activities or other activities necessary to maintain public health, safety and welfare and for construction purposes under special permit from the Olmito WSC.

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 allocate 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:

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

“Household” means the residential premises served by the customer’s meter. Persons per household include only those persons currently physically residing at the premises and expected to reside there for the entire billing period. It shall be assumed that a particular customer’s household is comprised of two (2) persons unless the customer notifies the Olmito WSC 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 Olmito WSC office 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 Olmito WSC 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 Olmito WC 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 Olmito WSC of a reduction in the number of person in a household shall be fined not less than \$100.

Residential water customers shall pay following surcharges:

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

Surcharges shall be cumulative.

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 (example: 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 Olmito WSC 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 Olmito WSC office 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 Olmito WSC 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 master meter or fails to timely notify the Olmito WSC of a reduction in the number of person in a household shall be fined not less than \$100. Customers billed from a master meter under this provision shall pay the following monthly surcharges:

- \$5 for 1,000 gallons over allocation up through 1,000 gallons for each dwelling unit
- \$10 thereafter, for each additional 1,000 gallons over allocation up through a second 1,000 gallons for each dwelling unit.
- \$15 thereafter, for each additional 1,000 gallons over allocation up through a third 1,000 gallons for each dwelling unit.
- \$20 thereafter, for each additional 1,000 gallons over allocation.

Surcharges shall be cumulative.

Commercial Customers

A monthly water 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 the 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. However, a customer, 75 percent of whose monthly usage is less than 6,000 gallons, shall be allocated 5,000 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 Olmito WSC 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 non-residential customer agrees to transfer part of its allocation to another nonresidential customer, (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 1,000 gallons through 10,000 gallons per month:

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

The surcharge shall be cumulative.

Section X: Enforcement

- (a) No person shall knowingly or intentionally allow the use of water from the Olmito WSC 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 the 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 one hundred dollars (\$100) and not more than two hundred dollars (\$200). 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, hereby established at \$100, and any other costs incurred by the Olmito WSC 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 Olmito WSC, in apparent control of the property where a violation occurs or originates shall be presumed to be 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 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 Olmito WSC, police officer or any person designated by the General Manager, may issue a citation to a person he/she reasonably believes to be in violation of this Ordinance. The citation shall be prepared in duplicate and shall contain the name and address of the alleged violator, if known, the offense charged, and shall direct him/her to appear in the municipal court on the date shown on the citation for which the date shall not be less than 3 days nor 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 municipal court to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in municipal court, a warrant for his/her arrest may be issued. A summons to appear may be issued in lieu of an arrest warrant. These cases shall be expedited and given preferential setting in municipal 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:

- (a) Compliance with this Plan cannot be technically accomplished during the duration of the water supply shortage or other condition for which the Plan is in effect.
- (b) Alternative methods can be implemented which will achieve the same level of reduction in water use.

Persons requesting an exemption from the provisions of this Ordinance shall file a petition for

variance with the Olmito WSC 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:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specified provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- (e) Description of the relief requested.
- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or purposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information.

Section XII: Plan Adoption

Official adoption of the Drought Contingency Plan by the Board of Directors of the Olmito Water Supply Corporation is evidenced by Corporation Resolution No. 2020-003. A copy of the resolution indicating the official adoption of the Drought Contingency Plan is included in Appendix C.

Section XIII: Contact Information

Tomas Tamayo
General Manager
ttamayo@olmitowsc.com
(956) 350-4099

APPENDIX A: TCEQ UTILITY PROFILE



Texas Commission on Environmental Quality

**UTILITY PROFILE AND WATER CONSERVATION PLAN
REQUIREMENTS FOR MUNICIPAL WATER USE
BY RETAIL PUBLIC WATER SUPPLIERS**

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

Name: Olmito Water Supply Corporation

Address: 101 Clara Bennett Dr., Olmito, TX 78575

Telephone Number: (956)350-4099 Fax: (956)350-4480

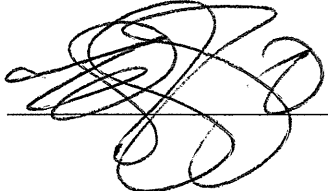
Water Right No.(s): 0854-000 0841-009

Regional Water Planning Group: M

Form Completed by: Robert Tamayo

Title: Accountant

Person responsible for implementing conservation program: Tomas Tamayo (Director of Operations) Phone: (956)466-4943

Signature:  Date 03/07/2019

NOTE: If the plan does not provide information for each requirement, include an explanation of why the requirement is not applicable.

UTILITY PROFILE

I. POPULATION AND CUSTOMER DATA

A. Population and Service Area Data

1. Attach a copy of your service-area map and, if applicable, a copy of your Certificate of Convenience and Necessity (CCN). CCN: 10537
2. Service area size (in square miles): 18
(Please attach a copy of service-area map)
3. Current population of service area: 6,550
4. Current population served for:
 - a. Water 6,550
 - b. Wastewater 5,892

5. Population served for previous five years:
6. Projected population for service area in the following decades:

<i>Year</i>	<i>Population</i>	<i>Year</i>	<i>Population</i>
<u>2014</u>	<u>5,767</u>	<u>2020</u>	<u>6,774</u>
<u>2015</u>	<u>5,839</u>	<u>2030</u>	<u>7,894</u>
<u>2016</u>	<u>5,977</u>	<u>2040</u>	<u>9,014</u>
<u>2017</u>	<u>6,287</u>	<u>2050</u>	<u>10,134</u>
<u>2018</u>	<u>6,550</u>	<u>2060</u>	<u>11,254</u>

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

The projected population is based on an average increase of 112 persons per year according to Regional Water Planning Group M projections.

B. Customers Data

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

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

<i>Treated Water Users</i>	<i>Metered</i>	<i>Non-Metered</i>	Totals
Residential			
Single-Family	1733		1733
Multi-Family	40		40
Commercial	156		156
Industrial/Mining			
Institutional			
Agriculture			
Other/Wholesale	1		1

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

<i>Year</i>	2016	2017	2018
<i>Treated Water Users</i>			
Residential			
Single-Family	15	18	50
Multi-Family	(3)	2	1
Commercial	9	3	11
Industrial/Mining			
Institutional			
Agriculture			
Other/Wholesale			

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

	<i>Customer</i>	<i>Use (1,000 gal/year)</i>	<i>Treated or Raw Water</i>
1.	Cameron County Detention	67,108.4	Treated
2.	Los Fresnos CISD	22,774.9	Treated
3.	East Rio Hondo WSC	17,898.7	Treated
4.	Retama Apartments	15,946.6	Treated
5.	7 – Eleven Inc.	3,450.9	Treated

II. WATER USE DATA FOR SERVICE AREA

A. Water Accounting Data

1. List the amount of water use for the previous five years (in 1,000 gallons). Indicate whether this is diverted or treated water. Diverted

<i>Year</i>	2014	2015	2016	2017	2018
<i>Month</i>					
January	23,092.8	24,125.0	22,311.7	27,388.7	32,618.4
February	21,768.2	22,587.0	25,899.9	31,762.6	25,155.1
March	19,952.0	19,734.0	23,876.2	26,495.0	25,900.7
April	22,620.0	22,976.0	26,373.0	32,365.0	30,097.9
May	29,297.0	24,103.0	28,898.8	35,616.0	36,063.5
June	29,737.0	28,330.0	24,239.6	37,979.7	36,052.6
July	30,033.0	24,319.0	27,785.9	32,000.4	27,985.9
August	34,502.0	30,399.0	34,894.1	39,716.7	36,541.6
September	26,921.0	29,350.0	34,982.6	33,093.4	29,439.1
October	27,864.0	23,289.0	30,338.9	29,959.5	26,309.4
November	23,064.0	27,762.0	27,666.1	36,044.1	23,839.4
December	20,592.0	21,122.0	29,976.3	25,820.7	22,248.3
Totals	309,443.0	298,096.0	337,243.1	388,241.9	352,251.9

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

At a point where raw water enters the treatment plant.

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

<i>Year</i>	2014	2015	2016	2017	2018
<i>Account Types</i>					
Residential					
Single-Family	120,435.6	113,783.0	127,103.4	127,897.9	123,632.4
Multi-Family	5,381.6	5,038.1	4,755.0	4,489.4	4,657.6
Commercial	135,016.8	127,712.2	157,758.7	195,102.3	153,289.4
Industrial/Mining					
Institutional					
Agriculture					
Other/Wholesale					

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

<i>Year</i>	<i>Amount (gallons)</i>	<i>Percent %</i>
2014	24,679,600	7.98 %
2015	33,645,392	11.06 %
2016	41,801,012	12.15 %
2017	34,156,855	9.05 %
2018	42,816,989	12.6%

B. Projected Water Demands

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

III. WATER SUPPLY SYSTEM DATA

A. Water Supply Sources

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

<i>Water Type</i>	<i>Source</i>	<i>Amount Authorized</i>
Surface Water	Rio Grande River	1545.71 Acre Ft.
Groundwater		
Contracts		
Other		

B. Treatment and Distribution System

1. Design daily capacity of system (MGD): 2 MGD
2. Storage capacity (MGD):
 - a. Elevated .2 MGD
 - b. Ground 1.0 MGD
3. If surface water, do you recycle filter backwash to the head of the plant?

Yes No If yes, approximate amount (MGD): .0087 MGD

IV. WASTEWATER SYSTEM DATA

A. Wastewater System Data (if applicable)

1. Design capacity of wastewater treatment plant(s) (MGD): .750
2. Treated effluent is used for on-site irrigation, off-site irrigation, for plant wash-down, and/or for chlorination/dechlorination. On-site irrig. and plant washdown
 If yes, approximate amount (in gallons per month): 5,000
3. Briefly describe the wastewater system(s) of the area serviced by the water utility. Describe how treated wastewater is disposed. Where applicable, identify treatment plant(s) with the TCEQ name and number, the operator, owner, and the receiving stream if wastewater is discharged.
 Constructed wetland. Disposed to drainage ditch after final treatment. Tx0113875, Tomas Tamayo, Olmito WSC, Drainage Dist. #1 – ditch #2.

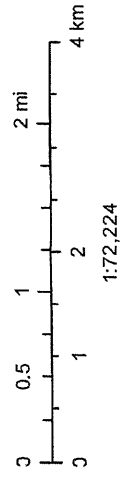
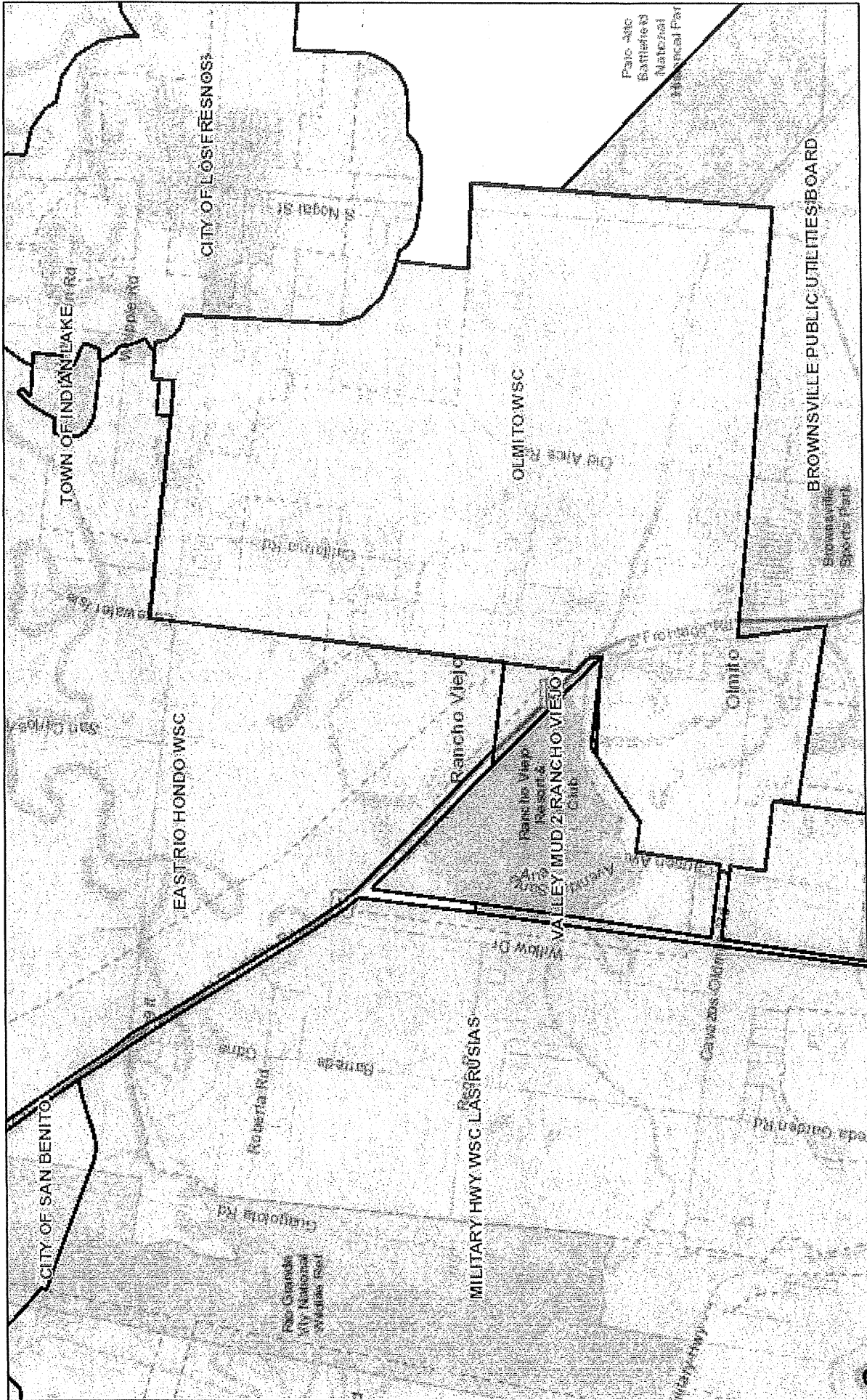
B. Wastewater Data for Service Area (if applicable)

1. Percent of water service area served by wastewater system: 80 %
2. Monthly volume treated for previous five years (in 1,000 gallons):

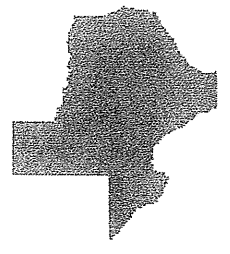
<i>Year</i>	2014	2015	2016	2017	2018
<i>Month</i>					
January	18,784	17,833	20,355	14,590	11,916
February	14,153	11,411	13,491	16,555	14,105
March	15,714	25,995	17,141	12,778	14,686
April	17,369	15,986	16,956	11,698	13,584
May	18,733	21,312	16,974	11,463	13,631
June	14,229	17,780	16,327	14,364	14,878
July	17,559	16,351	11,423	13,903	12,522
August	11,644	13,211	14,935	10,030	11,047
September	12,927	16,212	13,813	10,252	14,079
October	16,428	18,990	15,321	15,142	14,743
November	16,480	15,398	15,113	18,391	7,302
December	17,985	15,968	15,623	16,279	11,450
Totals	192,005	206,447	187,472	165,445	153,943

Public Water Service Areas, Texas

APPENDIX B: OLMITO WSC SERVICE AREA MAP



1:72,224



Texas Water Development Board

February 5, 2019

Water Service Boundaries

The data in the Texas Water Service Boundary Viewer represents the best available information provided by the Texas Water Development Board (TWDB) and third-party cooperators of the TWDB and is believed to be accurate and reliable. However, the TWDB provides information via this web site as a public service. Neither the State of Texas nor the TWDB assumes any legal liability or responsibility or makes any guarantees or warranties as to the accuracy, completeness or suitability of the information or boundaries.

Sources: Esri, HERE, Garmin, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, © OpenStreetMap contributors, and

**OLMITO WATER SUPPLY CORPORATION
RESOLUTION NUMBER 2020-003**

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE OLMITO WATER SUPPLY CORPORATION APPROVING AN AMENDED OLMITO WATER SUPPLY CORPORATION WATER CONSERVATION PLAN AND DROUGHT CONTINGENCY PLAN AS REQUIRED BY THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TECQ).

WHEREAS, the Board recognizes that the amount of water available to the Olmito Water Supply Corporation and its water utility customers is limited and subject to depletion during periods of extended drought;

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

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

WHEREAS, as authorized under law, and in the best interests of the customers of the Olmito Water Supply Corporation, the Board 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;

WHEREAS, the Board adopted this Water Conservation Plan and Drought Contingency Plan in the year 2020 and these plans need to be amended every five years.

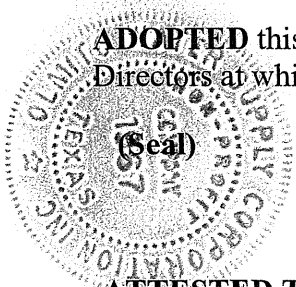
NOW THEREFORE, BE IT RESOLVED BY THE BOARD OF DIRECTORS OF THE OLMITO WATER SUPPLY CORPORATION:

That the Water Conservation Plan & Drought Contingency Plan, attached hereto and made part hereof for all purposes, be adopted as the official policy of the Olmito Water Supply Corporation.

That the General Manager is hereby directed to implement, administer, and enforce the Water Conservation Plan and the Drought Contingency Plan.

That this resolution shall be effective immediately.

ADOPTED this 04th day of December, 2020 at the Regular meeting of the Board of Directors at which a quorum was present.



ATTESTED TO:

Nora Ureste, Secretary-Treasurer

BOARD OF DIRECTORS:

Margie Tapia, President