

WATER CONSERVATION & DROUGHT CONTINGENCY PLAN

Submitted to

Texas Water Development Board (TWDB)

and the

Texas Commission on Environmental Quality (TCEQ)



PORT MANSFIELD PUBLIC UTILITY DISTRICT

Revised

July 01, 2025

Approved By PMPUD Board

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WATER CONSERVATION PLAN

Introduction

Port Mansfield Public Utility District, (hereafter referred to as "Port Mansfield PUD"), has prepared this Water Conservation and Drought Contingency Plan in accordance with the Texas Water Development Board (TWDB) guidelines.

Water Conservation Plan Goals

Specific quantified five-year and ten-year targets for water savings have been developed. This includes goals for water loss programs and for retail use, in gallons per capita (per person) per day (gpcd). The goals established by the customer are not enforceable.

Port Mansfield Public Utility District System Water Loss Goals are:

5 year	3% reduction	Reduce water loss from 1.5% to 1.4%
10 year	10% reduction	Reduce water loss from 1.5 % to 1.3%

Gallons per capita per day (gpcd) goals:

5 year	5% reduction	Reduce Consumption from 116 gpcd to 110 gpcd
10 year	10% reduction	Reduce Consumption from 116 gpcd to 104 gpcd

Residential per capita per day (gpcd) goals:

5 year	5% reduction	Reduce Consumption from 63 gpcd to 60 gpcd
10 year	10% reduction	Reduce Consumption from 63 gpcd to 56 gpcd

Given current and projected water service requirements and issues, specific water conservation objectives are:

- To reduce waste and influence conservation habits of the residents of the City;
- To reduce seasonal water demands such that future expansions of water treatment facilities can be deferred;

Background Information

Port Mansfield Public Utility District currently provides water services for its residents. Analysis of water production data from the District's water system provides an indication of water use patterns. Peak water demand occurs in the summer months, reflecting both seasonal population influx and increased water demand utilized for landscape irrigation.

Population within Port Mansfield, is expected to grow from year 2010 Census population of 226 to a projected 236 by 2020, to an estimated population of 246 in 2030.

**Water Conservation Plan
Drought Contingency Plan**

Port Mansfield Public Utility District

Water Utility System Profile

A completed Utility Profile for Retail Water Supplier (TWDB Form 1965-R) for Port Mansfield is provided in Appendix A. Port Mansfield had 600 active water connections in 2014. The largest users are tourism related (RV parks, condos), which combined consume an estimated 10% of the potable water used.

As part of the Port Mansfield proposed water system improvements, old and undersized water mains will be replaced, which should result in lower water loss rates and improved system water pressures.

Wastewater System Profile

Port Mansfield wastewater treatment plant services 100% of the water service area and has a design capacity of 0.22 MGD. The wastewater is treated through a carousel activated sludge treatment process and discharged on the Salt Flats of the Laguna Madre.

Public Education

Port Mansfield Public Utility District will promote water conservation issues by informing the public in a variety of ways, including:

- New customers will receive conservation information;
- Information will be available upon request;
- Community educational program / school demonstrations and presentations;
- Film productions and lectures presentations available for civic groups; and
- Articles will be published in the newsletter.

Port Mansfield Public Utility District will also proclaim "National Drinking Water Week" and provide residents with information and demonstrations related to water conservation and environmental issues that impacts water in their community.

Plumbing Codes

The County of Willacy has adopted the Uniform Plumbing Code, which requires the use of water saving fixtures to be installed in new construction and in the replacement of plumbing in existing structures.

Retrofit Programs

Port Mansfield Public Utility District shall educate the residents, plumbers, and contractors on the benefits of retrofitting existing facilities with water saving devices. This program will be encompassed in the educational and informational programs utilized by Port Mansfield. Port Mansfield Public Utility District will contact all plumbing companies and hardware stores in the area to encourage them to stock water conserving fixtures including retrofit devices.

Accurate Metering of Raw Water Supplies and Treated Water Deliveries

Port Mansfield meters all raw water diversions and meters all (high service) treated water deliveries to the distribution system from the water treatment plant. Each meter has an

accuracy of plus or minus 5%. The meters are calibrated on a semiannual basis by Port Mansfield to maintain the required accuracy and are repaired and/or replaced as needed.

Universal Metering

Most treatment facilities, pumping stations, and municipal structures operated by Port Mansfield are now being metered.

Port Mansfield Public Utility District will continue to provide a water meter preventive maintenance program, wherein testing, repairs, and replacement are performed in accordance with American Water Works Association (AWWA) Standards.

Water Conserving Landscape

Port Mansfield will provide information through the public education program to homeowners, business owners, landscape architects, and irrigation contractors in regards to the methods and benefits of water conserving landscaping practices and devices. The following methods will be encouraged.

- The use of low water consuming plants and grasses for landscaping new homes and commercial areas.
- The use of drip irrigation systems when possible or other water conserving irrigation systems that utilize efficient sprinklers and considerations given to prevailing winds.
- The use of ornamental fountains that recycle water and use a minimum amount of water.
- Business and nurseries to offer for sale low water consuming plants and grasses along with efficient irrigation systems and to promote their use through demonstrations and advertisements.

Rate Structures of Water and Wastewater

Port Mansfield Public Utility District water connection fees are based on the requirements of the "cost of services" the utility provides.

Water connection fees are based on the size of the meter required:

- 5/8" connections @ \$ 640
- 1" connections @ \$ 846
- 2" connections @ \$1,446

Port Mansfield Public Utility District employs a water usage rate structure based on customer type and a uniform service charge. Current water rates for residential and commercial accounts are presented in Table 1-1 on the next page.

Table 1-1
Port Mansfield Public Utility District
Water Rate Structure

TREATED WATER USER CATEGORY	MINIMUM CHARGE
¾"	\$17.00
1"	\$22.28

USAGE BY 1,000 GALLONS	CHARGE PER ADDITIONAL 1,000 GALLONS
Over 2,000 gallons	¾" = \$7.24
Over 2,000 gallons	1" = \$7.49
Over 2,000 gallons	
Over 2,000 gallons	

*Adopted by the Board of Supervisors
Effective July, 11 2023*

Leak Detection and Water Audits

Port Mansfield Public Utility District has aggressively pursued a leak detection and repair program and has an inventory of all necessary repair materials needed to ensure prompt repairs of all leaks detected or reported.

A monthly water loss report provides an effective tracking system of metered production, metered consumption, accounted water losses and unaccountable water loss.

Port Mansfield maintains an annual unaccountable rate of 3%, which is less than the AWWA recommended rate of 10%. However, Port Mansfield has plans to initiate a universal metering program to account for unaccounted water.

Recycling and Reuse

Port Mansfield Public Utility District does not recycle or reuse wastewater effluent at this time, but is actively pursuing and promoting opportunities for re-use.

Implementation and Enforcement

The resolution adopting the Water Conservation Plan shall authorize Port Mansfield PUD to implement, enforce and administer the program.

Contracts with Other Political Subdivisions

Port Mansfield Public Utility District has a contract to purchase water from North Alamo Water Supply Corp. (PWS ID#113689). Amount authorized for purchase is *five* (5.0) million gallons per month.

Coordination with the Regional Water Planning Group

The service area of Port Mansfield is located within the Regional Water Planning Area (M) - Rio Grande and has provided a copy of this Water Conservation and Drought Contingency Plan to the Regional Water Planning Group (M) - Rio Grande.

Annual Reporting to Texas Water Development Board

Port Mansfield Public Utility District shall be responsible for providing the required annual report to the Texas Water Development Board for at least three years after the date of loan/grant closing. The content and format for the annual reporting is included in the form: Water Conservation Plan Annual Report, TWDB Form No. 1966 (Appendix B).

DROUGHT CONTINGENCY PLAN

**DROUGHT CONTINGENCY PLAN
for
Port Mansfield Public Utility District
Updated November 2014**

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, Port Mansfield PUD 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 **XI** of this Plan.

PUBLIC INVOLVEMENT

Port Mansfield Public Utility District made the Water Conservation and Drought Contingency Plan available to its customers at Port Mansfield PUD Office, local Post Office, and the County Courthouse. The Plan was adopted by Resolution of the Port Mansfield PUD board. Port Mansfield made drought contingency planning information available to the public as follows:

- The proposed plan was provided to anyone requesting a copy.
- The plan was presented for adoption to the Board at a public meeting held at the April 5, 2016 at 9:00 A.M.

Public Education

Port Mansfield Public Utility District will periodically provide the public with information about the Drought Contingency Plan, including information about the conditions under which each stage of the Drought Contingency Plan is to be initiated or terminated and the drought response measures to be implemented in each stage. This information will be provided by the Water Utilities Department through ongoing programs, which will reach a wide variety of customers. These programs include public outreach to schools, civic groups, clubs and organizations, and other adult and child groups. Port Mansfield distributes conservation and drought response in water bill mailings and provides them to the general public at Port Mansfield PUD Office. Port Mansfield PUD also publishes this information in the local newspaper, *The Valley Morning Star*, with information specific to water conservation and to this Drought Contingency Plan.

Port Mansfield Public Utility District will inform and educate the public by way of the following means:

- Posting the Notice of Drought Conditions at Port Mansfield Public Utility District Office, Post Office, and County Courthouse.

Water Conservation Plan Drought Contingency Plan

- Preparing a bulletin describing the Drought Contingency Plan and making it available at Port Mansfield PUD Office and other appropriate locations.
- Notifying local organizations, schools, and civic groups that Port Mansfield PUD staff are available to make presentations on the Drought Contingency Plan (usually in conjunction with presentations on water conservation programs).
- At any time that the Drought Contingency Plan is activated or the drought stage changes, Port Mansfield PUD will notify local media of the issues, the drought response stage, and the specific actions required of the public
- Customer billing inserts will also be used as appropriate.

Coordination with Regional Water Planning Groups

The service area of Port Mansfield Public Utility District is located within the Rio Grande Regional Water Planning Group M and Port Mansfield PUD has provided a copy of this Drought Contingency Plan to this agency.

Authorization

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

Application

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

Definitions

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

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

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

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

Customer: any person, company, or organization using water supplied by the District.

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 fire fighting.

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

Criteria for Initiation and Termination of Drought Response Stages

The Board President, or his/her designee shall monitor water supply and/or demand conditions on a monthly 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 daily water demand that will be monitored for impending emergency conditions by District staff. Trigger conditions will be based on an emergency situation caused by a natural disaster, equipment, or system failure, or extended high daily water demands.

Stage 1 Triggers • MILD Water Shortage Conditions

Requirements for Initiation

1. Water demand reaches ninety percent (90%) of firm production capacity; or,
2. A disruption due to equipment or distribution system failure that would limit the capacity of the water system below eighty-five percent (85%) of capacity during high demand periods.

Requirements for Termination

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

Stage 2 Triggers • MODERATE Water Shortage Conditions

Requirements for Initiation

1. Water demand exceeds ninety-five percent (95%) of the firm production capacity, or,
2. A disruption due to equipment or distribution system failure that would limit the capacity of the water system below seventy-five percent (75%) of capacity during high demand periods.

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 4 consecutive days. Upon termination of Stage 2, Stage 1 becomes operative.

Stage 3 Triggers • SEVERE Water Shortage Conditions

Requirements for Initiation

1. Water demand reaches one hundred percent (100%) of firm production capacity, or,
2. A disruption due to equipment or distribution system failure that would limit the capacity of the water system below seventy percent (70%) of capacity during high demand periods.

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 3 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative.

Stage 4 Triggers • CRITICAL Water Shortage Conditions

Requirements for Initiation

In the event of an extended period of the severe condition or any natural catastrophic situations that interrupt or have the potential to interrupt Port Mansfield PUD potable water supply, Port Mansfield PUD is authorized to take all reasonable measures as deemed necessary to provide for the public's safety.

Requirements for Termination

Stage 4 of the Plan may be rescinded when President and Board Members vote to rescind by majority vote (2/3 rds). 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 Board President, 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).

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 3 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 75% of firm capacity of water treatment plant has been established by Port Mansfield PUD Staff.

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 3 consecutive days.

Drought Response Stages

The Board President, 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 Board President, or his/ her designee, shall notify the public by means of:

- Posting the Notice of Drought Conditions at Port Mansfield Public Utility District Office, Post Office, and County Courthouse.
- Preparing a bulletin describing the plan and making it available at Port Mansfield Public Utility District Office and other appropriate locations.
- Notifying local organizations, schools, and civic groups Port Mansfield PUD staff are available to make presentations on the Plan (usually in conjunction with presentations on water conservation programs).
- At any time that the Plan is activated or the drought stage changes, Port Mansfield will notify local media of the issues, the drought response stage, and the specific actions required of the public
- Customer Billing inserts will also be used as appropriate.

Stage 1 Response • MILD Water Shortage Conditions

Goal: Achieve a voluntary 35 percent reduction in daily water use per capita.

Supply Management Measures:

The public shall be informed, by local news media, that a trigger condition has been reached and they should look for ways to voluntarily reduce water demand. The specific recommendations shall be provided by Port Mansfield PUD. There shall be reduced watering of public parks, public facilities and esplanades to minimum levels to avoid loss of vegetation. Publish a voluntary lawn-watering schedule through local media. Request voluntary water reductions of major commercial water users.

Voluntary Water Use Restrictions:

- (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 pm to midnight on designated watering days.
- (b) All operations of Port Mansfield Public Utility District 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

Goal: Achieve a 40 percent reduction in daily water use per capita.

Supply Management Measures:

Notify customers that all preceding measures that are in place due to mild trigger conditions will be continued. Mandatory lawn watering schedule will be instated. Water for public use shall be limited to essential practices to protect the health or safety of the

community. Non-essential uses shall be prohibited, (i.e., filling of pools, hydrant flushing, street washing, etc.)

Water Use Restrictions:

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 6:00 a.m. 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 anytime 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 are 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 fire fighting, 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 Port Mansfield PUD.
- (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 Port Mansfield PUD, 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

Goal: Achieve a 50 percent reduction in daily water use per capita.

Supply Management Measures:

Notify customers that all preceding measures that are in place due to moderate trigger conditions will be continued. Prohibit the use of water for specific outdoor activities such as watering of yards or car washing. Port Mansfield Public Utility District shall have the authorization to grant variations for specific types businesses, such as nurseries, for limited outdoor watering. Fire protection, sewer maintenance, or other related outdoor uses that provide health and safety measures shall not be restricted. Set limits on water consumption for both commercial and residential customers. Establish monetary fines for noncompliance of water consumption limits or violation of the drought contingency plan. No permits for the construction of swimming pools, wading pools or Jacuzzi-type pools will be issued.

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

- (a) Irrigation of landscaped areas shall be limited to designate watering days between the hours of 6:00 a.m. and 10:00 a.m. and between 8 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 Port Mansfield PUD.
- (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

Goal: Achieve a 60 percent reduction in daily water use per capita

Supply Management Measures:

Daily advisors to the public published through local news media of the severe situation and of sever control measures and penalties. Public announcements on local television and radio stations advising of the severe situation and of sever control measures and penalties.

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

- (a) Irrigation of landscaped areas shall be limited to designated watering days Odd numbered street addresses on Monday and Wednesday and Even numbered street addresses between the hours of 6:00 a.m. and 9:00 a.m. and between 7:00 p.m. and 9:00 p.m. and shall be by means of hand-held hoses with positive shut off nozzles, 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 permitted only by use of a regulated pressure washer and the use of hand-held hoses and buckets is prohibited. Further, such vehicle washing at commercial car washes and commercial service stations shall occur only between the hours of 12:00 a.m. and 6:00 p.m. The washing of RV's and motor homes is prohibited. No volume of water is to be used that leads to run-off from the location of washing activity into neighboring streets, yards or waterways
- (c) The filling and refilling of swimming pools, wading pools, and Jacuzzi-type pools is prohibited. The adding of water to maintain mechanical systems and to address health and safety concerns is permitted.
- (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 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

Goal: Achieve a 60 percent reduction in daily usage per capita.

Supply Management Measures:

In the event that severe conditions persist for an extended period of time Port Mansfield Public Utility District may ration water usage or terminate service to selected users of the system in accordance with the following sequence:

**Water Conservation Plan
Drought Contingency Plan**

First: Industrial Users
Second Commercial Users
Third: Residential Users
Last: Public Health and Safety Facilities

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

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

Stage 6 Response- WATER ALLOCATION

In the event that water shortage conditions threaten public health, safety, and welfare, the Board President is hereby authorized to allocate 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:

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" 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 Port Mansfield PUD of a greater number of persons per household on a form prescribed by the Board President. The Board President 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 Port Mansfield PUD 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 Board President. When the number of persons per household increases so as to place the customer in a different allocation category, the customer may notify the Port Mansfield PUD 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 Port Mansfield Public Utility District in writing within two (2) days. In prescribing the method for claiming more than two (2) persons per household, the Board President 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 Port Mansfield PUD of a reduction in the number of person in a household shall be fined not less than \$250.

Residential water customers shall pay the following surcharges:

- \$ 3.50 for the first 1,000 gallons over allocation
- \$ 2.00 for the second 1,000 gallons over allocation
- \$ 2.50 for the third 1,000 gallons over allocation
- \$ 3.00 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 Port Mansfield Public Utility District of a greater number on a form prescribed by the Board President. The Board President 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 Port Mansfield PUD 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 Board President. If the number of dwelling units served by a master meter is reduced, the customer shall notify the City in writing within two (2) days. In prescribing the method for claiming more than two (2) dwelling units, the Board President 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 Port Mansfield PUD of a reduction in the number of person in a household shall be fined not less than \$250.00.

Commercial Customers

A monthly water allocation shall be established by the Board President, 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, 75 percent of whose monthly usage is less than 3,000 gallons, shall be allocated 1,000 gallons. The Board President 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 Port Mansfield Public Utility District to determine the allocation. Upon request of the customer or at the initiative of the Board President, 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 Board President or Board Member. Nonresidential commercial customers shall pay the following surcharges:

Customers whose allocation is 3000 gallons through 15,000 gallons per month:

- \$ 3.50 per thousand gallons for the first 1,000 gallons over allocation
- \$ 3.50 per thousand gallons for the second 1,000 gallons over allocation
- \$ 3.50 per thousand gallons for the third 1,000 gallons over allocation
- \$ 4.00 per thousand gallons for each additional 1,000 gallons over allocation

Customers whose allocation is 15,001 gallons per month or more:

- \$ 4.00 per thousand gallons for each additional 1,000 gallons overallocation

The surcharges shall be cumulative.

Enforcement

- (a) No person shall knowingly or intentionally allow the use of water from Port Mansfield Public Utility District 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 Board President, 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 two-hundred fifty dollars (\$250) and not more than five hundred dollars (\$500). Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense. If a person is convicted of three or more distinct violations of this Plan, the Board President 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 \$50, and any other costs incurred by Port Mansfield Public Utility District in discontinuing service. In addition, suitable assurance must be given to the the Board President 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 Port Mansfield Public Utility District.
- (c) Any person, including a person classified as a water customer of Port Mansfield Public Utility District, 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 as a reputable 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 Port Mansfield Public Utility District 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 Precinct 3 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 Precinct 3 to enter a plea of guilty or not guilty for the violation of this Plan. If the alleged violator fails to appear in Precinct 3 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 Precinct 3 before all other cases.

Variances

The Board President, 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 District within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the Board President, or his/her designee, and shall include the following:

- (a) Name and address of the petitioner(s).
- (b) Purpose of water use.
- (c) Specific provision(s) of the Plan from which the petitioner is requesting relief.
- (d) Detailed statement as to how the specific provision of the Plan adversely affects the petitioner or what damage or harm will occur to the petitioner or others if petitioner complies with this Ordinance.
- (e) Description of the relief requested.

- (f) Period of time for which the variance is sought.
- (g) Alternative water use restrictions or other measures the petitioner is taking or proposes to take to meet the intent of this Plan and the compliance date.
- (h) Other pertinent information.

Variances granted by Port Mansfield shall be subject to the following conditions, unless waived or modified by the Board President or his/her designee:

- (a) Variances granted shall include a timetable for compliance.
- (b) 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.

Appendix A
Utility Profile for Retail Water Supplier
TWDB Form 1965-R

Appendix B
Water Conservation Plan Annual Report
Retail Water Supplier
TWDB Form No. 1966

Appendix C
Adoption Ordinance
Resolution for Adoption of the Updated Water Conservation Plan and Drought
Contingency Plan