5.1 WATER SHORTAGE CONTINGENCY PLAN - WATER SUPPLY MANAGEMENT CONDITIONS

5.1.1 Introduction - Declaration Of Necessity And Intent

Padre Dam Municipal Water District’s (Padre Dam or District) Water Shortage Contingency Plan (WSCP)

A water shortage may occur due to a number of reasons, such as drought, climate change, or catastrophic events. A water shortage is defined by insufficient water supplies to meet normal customer water use demands at a given point in time. California Water Code (Water Code) mandates that water agencies include adopt water shortage contingency plan (WSCP) as part of their Urban Water Management Plan (UWMP) requirement. A WSCP is a detailed plan for how an urban water supplier intends to act in the case of an actual water shortage condition. The District’s WSCP is part of the District’s Rules and Regulations and can be amended, as needed, outside of updating the UWMP. Additionally this Section 5.1 constitutes the District’s water conservation program pursuant to Water Code section 375 et seq.

a) This policy establishes water management requirements necessary to conserve water, enable effective water supply planning, assure reasonable and beneficial use of water, prevent waste of water, prevent unreasonable use of water, prevent unreasonable method of use of water within Padre Dam in order to assure adequate supplies of water to meet the needs of the public, and further the public health, safety, and welfare, recognizing that water is a scarce natural resource that requires careful management not only in times of drought, but at all times.

b) This policy establishes mandatory water conservation measures that apply to all persons using Padre Dam water at all times to facilitate efficient water use, replenish water storage reservoirs and offset water shortages.

c) This policy establishes regulations to be implemented during times of declared water shortages, or declared water shortage emergencies. It establishes six levels of water shortage response actions to be implemented in times of shortage, with increasing restrictions on water use in response to worsening drought conditions and decreasing available supplies.

d) Water Shortage Response Level 1 response measures are voluntary and will be reinforced through local and regional public education and awareness measures that may be funded in part by Padre Dam. During Water Shortage Response Levels 2 through 6, all conservation measures and water-use restrictions are mandatory and become increasingly restrictive in order to attain escalating conservation goals.

e) During a Water Shortage Response Level 2 or higher, the water conservation measures and water use restrictions established by this policy are mandatory and violations are subject to criminal, civil, and administrative penalties and remedies as specified in this policy.

This WSCP was developed in cooperation and coordination with the County Water Authority (Water Authority), the District’s wholesaler. It is intended to be consistent with the District’s UWMP and the Water Authority’s UWMP and is further intended to complement the Water Authority’s WSCP. The Water Authority’s WSCP is a response program developed by the Water Authority in consultation with its member agencies for responding to water supply limitations resulting from drought conditions. The response levels included in the District’s WSCP correspond with the Water Authority’s WSCP.
5.1.2 Definitions

The following words and phrases whenever used in this chapter shall have the meaning defined in this section:

1. “Grower” refers to those engaged in the growing or raising, in conformity with recognized practices of husbandry, for the purpose of commerce, trade, or industry, or for use by public educational or correctional institutions, of agricultural, horticultural or floricultural products, and produced: (1) for human consumption or for the market, or (2) for the feeding of fowl or livestock produced for human consumption or for the market, or (3) for the feeding of fowl or livestock for the purpose of obtaining their products for human consumption or for the market. “Grower” does not refer to customers who purchase water subject to the Water Authority Special Agricultural Rate programs.

2. “Padre Dam” or the “District” means Padre Dam Municipal Water District.

3. “Water Authority” means the San Diego County Water Authority.

4. “Metropolitan” means the Metropolitan Water District of Southern California.

5. “CEO/General Manager” means Padre Dam Municipal Water District’s chief executive officer/general manager or the general manager’s designee.

6. “Person” means any natural person, corporation, public or private entity, public or private association, public or private agency, government agency or institution, school district, college, university, or any other user of water provided by Padre Dam.

7. “Water Shortage Emergency” means a condition existing within Padre Dam in which the ordinary water demands and requirements of the persons within Padre Dam cannot be satisfied without depleting the water supply of Padre Dam to the extent that there would be insufficient water for human consumption, sanitation and fire protection. A water shortage emergency includes a threatened water shortage, in which Padre Dam determines that its supply cannot meet an increased future demand.

5.1.3 Application

a) The provisions of this policy apply to any person in the use of any water provided by Padre Dam.

b) This policy is intended solely to further the conservation and efficient use of water. It is not intended to implement any provision of federal, State, or local statutes, ordinances, or regulations relating to protection of water quality or control of drainage or runoff. Refer to the local jurisdiction or Regional Water Quality Control Board for information on any stormwater ordinances and stormwater management plans.

c) Nothing in this policy is intended to affect or limit the ability of Padre Dam to declare and respond to an emergency, including an emergency that affects the ability of Padre Dam to supply water.

d) The provisions of this policy do not apply to use of water from private wells or to recycled water.
e) Nothing in this policy shall apply to use of water that is subject to a special supply program, such as the Water Authority Special Agricultural Rate programs. Violations of the conditions of special supply programs are subject to the penalties established under the applicable program. A person using water subject to a special supply program and other water provided by Padre Dam is subject to this policy in the use of the other water.

5.1.4 Water Supply Reliability Analysis

Padre Dam is located in the San Diego region and does not currently have a local drinking water supply. At this time the District imports 100 percent of its drinking water supply from the Water Authority. The District relies on imported water as its sole drinking water supply source. The District maximizes the use of recycled water to supplement its water supply where recycled water can be used for non-potable water purposes.

Imported water is purchased from the Water Authority, the water wholesaler for the San Diego region. The imported supplies from the Water Authority include a mix of sources, including water from the Delta and Colorado River delivered via Metropolitan, of which the Water Authority is a member agency. Due to constraints on the Delta and Colorado River supplies, the Water Authority has developed a mix of projects to diversify the imported water supply portfolio to increase reliability and reduce dependence solely on the Delta and Colorado River. Projects completed by the Water Authority to increase reliability of supply for the region and the District include the Imperial Irrigation Conservation and Transfer Agreement, All American Canal and Coachella Canal Relining Projects, San Vicente Dam Raise and Carryover Storage Project, and the Carlsbad Desalination Project.

Recycled water accounts for 7 percent of the District’s annual demand, on average, and is produced at the District’s Ray Stoyer Recycled Water Facility.

Beginning in 2025, the East County Advanced Water Purification project will create a new, local, sustainable, and drought-proof drinking water supply using state-of-the-art technology to purify locally sourced recycled water. Padre Dam’s projected water supply from this project will provide up to approximately 30 percent of the District’s future supplies to meet water demands in a normal year.

Every five years, the District updates its Urban Water Management Plan, which includes projections of supplies over the next 25 years, in five year increments, for a normal water year, a single dry year, and a drought lasting five consecutive years.

The Water Authority has stated that due to sufficient supplies, no reduction in the availability of imported water over the five-year drought period is assumed due to the drought resilience of those supplies.

Padre Dam anticipates having sufficient supplies to meet demand during future normal water years, single dry years, and for a drought lasting five consecutive years based on availability of imported water from the Water Authority, diversification of its water supply portfolio with the East County Advanced Water Purification Project, and current recycled water supply. Additional details on the District’s water supply reliability analysis may be found in Section 7 of the District’s 2020 UWMP.
5.1.5  **Annual Water Supply and Demand Assessment Procedures**

Water Code Section 10632(a)(2) requires urban water suppliers, like Padre Dam, to conduct an annual water supply and demand assessment and submit to the Department of Water Resources an Annual Assessment Report on July 1st of each year beginning in 2022.

The information below provides an overview of the District’s process to annually assess projected water supplies and demands. The Annual Assessment Report is used to determine if there will be a shortfall in District supplies for the current year and one dry year. If the assessment identifies a shortfall in District supplies, it would trigger the District’s shortage response actions as outlined in the District’s WSCP.

5.1.5.1 Key Inputs

This WSCP identifies key inputs and methodology needed to evaluate available water supply. Under normal conditions, Padre Dam may purchase as much water as necessary to meet demands from the Water Authority. When this imported supply is under water shortage conditions, the amount of the shortage specific to the San Diego region is determined by the Water Authority. Currently, Padre Dam’s drinking water supply consists solely of imported water from the Water Authority. Therefore, the regional water shortage level for the District would generally be determined by the region response from the Water Authority.

Padre Dam will evaluate current year and available supply and one dry year of available supply in its Annual Assessment Report.

The District’s Annual Assessment will be determined based on Padre Dam’s latest demand forecast. Key inputs in determining this number may include the District’s unconstrained demand, recent water demand trends, pending water use efficiency regulations, management water use restrictions, weather, population, and economic growth.

If there is an anticipated gap between available water supply and projected water demand, the District will consider implementation of the District’s water shortage response actions or a reasonable alternative action which must be identified in the Annual Assessment Report submitted to the Department of Water Resources.

5.1.5.2 Decision-Making Process

This section summarizes the decision-making process that the District will use each year to determine, and subsequently report to the State, its annual water supply and demand assessment:

1. Water Authority announces member agency allocation determination for current year
2. Water Authority determines carryover (and emergency storage apportionments if under emergency)
3. Padre Dam determines District local supply availability
4. District determines total supply availability – local and imported supplies
5. Padre Dam evaluates any infrastructure constraints
6. Padre Dam determines expected demand.
7. Padre Dam compares supply and demand and makes a determination of the water supply reliability for the current year and one dry year
8. Padre Dam prepares and submits Annual Assessment Report to the state in coordination
with the Water Authority

9. Padre Dam implements its water shortage response actions as outlines in this WSCP, if there is a gap between available water supplies and projected demand

5.1.6 Mandatory Water Use Efficiency At All Times

Authorized by Water Code sections 375 et seq., the following water use efficiency measures are mandatory, shall apply at all times to all persons using Padre Dam water and will be enforced by the measures stated in this policy, except where private well water or recycled water is used:

1. Stop washing down paved surfaces, including but not limited to sidewalks, driveways, parking lots, tennis courts, or patios, except when it is necessary to alleviate safety or sanitation hazards.

2. Stop water waste resulting from inefficient landscape irrigation, such as runoff, low head drainage, or overspray, etc. Similarly, stop water flows onto non-targeted areas, such as adjacent property, non-irrigated areas, hardscapes, roadways, or structures. Irrigation runoff is prohibited.

3. Irrigate residential and commercial landscape before 10 am and after 6 pm only.

4. Do not irrigate while it is raining and within 48 hours after it rains.

5. Use a hand-held hose equipped with a positive shut-off nozzle or bucket to water landscaped areas, including trees and shrubs located on residential and commercial properties that are not irrigated by a landscape irrigation system.

6. Irrigate nursery and commercial grower’s products before 10 am and after 6 pm only. Watering is permitted at any time with a hand-held hose equipped with a positive shut-off nozzle, a bucket, or when a drip/micro-irrigation system/equipment is used. Irrigation of nursery propagation beds is permitted at any time. Watering of livestock is permitted at any time.

7. Use re-circulated or recycled water to operate ornamental fountains, ponds and similar decorative water features.

8. Wash vehicles using a bucket and a hand-held hose with positive shut-off nozzle, mobile high pressure/low volume wash system, or at a commercial site that re-circulates (reclaims) water on-site. Boats and boat engines may be washed down immediately after use using a bucket or hand-held hose with positive shut-off nozzle. Runoff is prohibited.

9. Serve and refill water in restaurants and all other food service establishments only upon request.

10. Offer guests in hotels, motels, and other commercial lodging establishments the option of not laundering towels and linens daily and prominently display notice of this option in every guestroom.

11. Repair all water leaks within five days of notification by Padre Dam unless other arrangements are made with the CEO/General Manager. Severe water leaks must be stopped immediately.
12. Use recycled or non-potable water for construction purposes, such as dust control and soil compaction, when available and required by Padre Dam.

5.1.7 **Six Standard Water Shortage Levels**

In accordance with the Water Code, the WSCP defines six water shortage levels. The District will work in coordination with the Water Authority to implement water shortage levels in times of shortage with increasing restrictions on water in response to decreasing water supplies due to drought or other water supply emergency events. Water Shortage levels will be determined through the assessment of water supply and demand as determined in the “trigger” section of each shortage level below. Water Shortage Levels are shown below in the Department of Water Responses Table 8-1 and supplemented with the District’s information as follows:

<table>
<thead>
<tr>
<th>Shortage Level</th>
<th>Percent Shortage Range</th>
<th>Shortage Response Actions (Narrative description)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Up to 10%</td>
<td>District mandatory water use efficiency measures are in place as always. Messaging begins to communicate to customers to need to use water wisely and the limited impact on supply.</td>
</tr>
<tr>
<td>2</td>
<td>Up to 20%</td>
<td>Increased communications efforts to inform customers about conservation requirements. Water use restrictions and conservation measures are mandatory in this level.</td>
</tr>
<tr>
<td>3</td>
<td>Up to 30%</td>
<td>Increased conservation efforts and communications to customers. More restrictive water use prohibitions and allows the District to allocate allowable watering days.</td>
</tr>
<tr>
<td>4</td>
<td>Up to 40%</td>
<td>Further implements water use prohibitions. Increased communications with customers expressing the extraordinary need for water conservation. Possible additional restrictions on watering days and limits to new water meters.</td>
</tr>
<tr>
<td>5</td>
<td>Up to 50%</td>
<td>Communicates emergency conservation needs and additional prohibitions including, but not limited to watering days and new development limitations.</td>
</tr>
<tr>
<td>6</td>
<td>&gt;50%</td>
<td>Communicates emergency dire need for everyone to work together and reduce water use. Strictly limits irrigation water use and requires immediate repair of any leaks. Continues are efforts is previous levels.</td>
</tr>
</tbody>
</table>
5.1.8 Water Shortage Response Levels and Actions

This section establishes demand reduction measures to be implemented on top of the Mandatory Water Use Efficiency measures in Section 5.1.6. These additional measures will be implemented during declared Water Shortage Response Levels and water shortage emergencies. The six levels of actions have increasing restrictions on water use in response to worsening water shortage and/or drought conditions resulting in decreasing available water supplies. The levels and actions shown below correspond to the Six Water Shortage Response Levels in Section 5.1.7. A summary of Padre Dam’s demand reduction actions is shown below in Department of Water Resources Table 8-2.

<table>
<thead>
<tr>
<th>Shortage Level</th>
<th>Demand Reduction Actions</th>
<th>How much is this going to reduce the shortage gap?</th>
<th>Additional Explanation or Reference (optional)</th>
<th>Penalty, Charge, or Other Enforcement?</th>
</tr>
</thead>
<tbody>
<tr>
<td>All</td>
<td>Landscape - Restrict or prohibit runoff from landscape irrigation</td>
<td>1%</td>
<td>This is part of the District's permanent water waste prohibitions</td>
<td>Yes</td>
</tr>
<tr>
<td>All</td>
<td>Other - Require automatic shut of hoses</td>
<td>1%</td>
<td>This is part of the District's permanent water waste prohibitions</td>
<td>No</td>
</tr>
<tr>
<td>1</td>
<td>Expand Public Information Campaign</td>
<td>up to 10%</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>1</td>
<td>Offer Water Use Surveys</td>
<td>1%</td>
<td>Expand promotion of water use surveys</td>
<td>No</td>
</tr>
<tr>
<td>1</td>
<td>Other</td>
<td>1%</td>
<td>Expand messaging and enforcement of permanent water waste prohibitions</td>
<td>No</td>
</tr>
<tr>
<td>2</td>
<td>Expand Public Information Campaign</td>
<td>up to 10%</td>
<td>Our customers have previously responded to calls for conservation and shown significant amounts of savings</td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Program Description</td>
<td>Percentage</td>
<td>Notes</td>
<td>Implementation Status</td>
</tr>
<tr>
<td>---</td>
<td>--------------------------------------------------------------------------------------</td>
<td>------------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------</td>
</tr>
<tr>
<td>2</td>
<td>Provide Rebates for Landscape Irrigation Efficiency</td>
<td>1%</td>
<td>This is an ongoing activity of the District</td>
<td>No</td>
</tr>
<tr>
<td>2</td>
<td>Offer Water Use Surveys</td>
<td>2%</td>
<td>Direct promotion to high residential water users</td>
<td>No</td>
</tr>
<tr>
<td>2</td>
<td>Landscape - Limit landscape irrigation to specific days</td>
<td>up to 5%</td>
<td>Days to be determined by CEO/General Manager</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>Landscape - Limit landscape irrigation to specific times</td>
<td>2%</td>
<td>10 minute per watering day irrigation max with spray heads and hand watering</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>Other - Customers must repair leaks, breaks, and malfunctions in a timely manner</td>
<td>1%</td>
<td>72 hour repair requirement</td>
<td>Yes</td>
</tr>
<tr>
<td>2</td>
<td>Water Features - Restrict water use for decorative water features, such as fountains</td>
<td>1%</td>
<td>Use recycled water when available</td>
<td>Yes</td>
</tr>
<tr>
<td>3</td>
<td>Expand Public Information Campaign</td>
<td>up to 5%</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>3</td>
<td>Landscape - Limit landscape irrigation to specific days</td>
<td>up to 5%</td>
<td>Days to be determined by CEO/General Manager</td>
<td>Yes</td>
</tr>
<tr>
<td>3</td>
<td>Other - Prohibit vehicle washing except at facilities using recycled or recirculating water</td>
<td>1%</td>
<td></td>
<td>Yes</td>
</tr>
<tr>
<td>3</td>
<td>Implement or Modify Drought Rate Structure or Surcharge</td>
<td>5%</td>
<td>Board of Directors to authorize</td>
<td>No</td>
</tr>
<tr>
<td>4</td>
<td>Expand Public Information Campaign</td>
<td>3%</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Measure</td>
<td>Percentage</td>
<td>Description</td>
<td>Authorizations</td>
</tr>
<tr>
<td>---</td>
<td>-------------------------------------------------------------------------</td>
<td>------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>4</td>
<td>Landscape - Limit landscape irrigation to specific days</td>
<td>2%</td>
<td>Days to be determined by CEO/General Manager</td>
<td>Yes</td>
</tr>
<tr>
<td>4</td>
<td>Other - Customers must repair leaks, breaks, and malfunctions in a timely manner</td>
<td>1%</td>
<td>48 hour repair requirement</td>
<td>Yes</td>
</tr>
<tr>
<td>4</td>
<td>Water Features - Restrict water use for decorative water features, such as fountains</td>
<td>1%</td>
<td>Stop filling lakes and ponds with exceptions</td>
<td>Yes</td>
</tr>
<tr>
<td>4</td>
<td>Implement or Modify Drought Rate Structure or Surcharge</td>
<td>5%</td>
<td>Board of Directors to authorize</td>
<td>No</td>
</tr>
<tr>
<td>5</td>
<td>Expand Public Information Campaign</td>
<td>3%</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td>5</td>
<td>Landscape - Prohibit certain types of landscape irrigation</td>
<td>up to 5%</td>
<td>Stop all landscape irrigation except for crops, commercial growers, maintenance of trees and shrubs, fire protection and erosion, public parks and public grounds</td>
<td>Yes</td>
</tr>
<tr>
<td>5</td>
<td>Other - Customers must repair leaks, breaks, and malfunctions in a timely manner</td>
<td>1%</td>
<td>24 hour repair requirement</td>
<td>Yes</td>
</tr>
<tr>
<td>5</td>
<td>Increase Water Waste Patrols</td>
<td>1%</td>
<td>Increase water waste enforcement efforts</td>
<td>Yes</td>
</tr>
<tr>
<td>5</td>
<td>Implement or Modify Drought Rate Structure or Surcharge</td>
<td>up to 5%</td>
<td>Board of Directors to authorize</td>
<td>No</td>
</tr>
<tr>
<td>6</td>
<td>Expand Public Information Campaign</td>
<td>2%</td>
<td></td>
<td>No</td>
</tr>
<tr>
<td></td>
<td>Demand Management Action</td>
<td>Percentage</td>
<td>Description</td>
<td>Implementation Authorization</td>
</tr>
<tr>
<td>---</td>
<td>--------------------------</td>
<td>------------</td>
<td>-------------</td>
<td>-----------------------------</td>
</tr>
<tr>
<td>6</td>
<td>Landscape - Prohibit all landscape irrigation</td>
<td>5%</td>
<td>Except for crops, commercial growers and nurseries, fire protection as determined by Fire Marshal and erosion control</td>
<td>Yes</td>
</tr>
<tr>
<td>6</td>
<td>Other - Customers must repair leaks, breaks, and malfunctions in a timely manner</td>
<td>1%</td>
<td>24 hour repair requirement</td>
<td>Yes</td>
</tr>
<tr>
<td>6</td>
<td>Increase Water Waste Patrols</td>
<td>1%</td>
<td>Increase water waste enforcement efforts</td>
<td>Yes</td>
</tr>
<tr>
<td>6</td>
<td>Implement or Modify Drought Rate Structure or Surcharge</td>
<td>3%</td>
<td>Board of Directors to authorize</td>
<td>No</td>
</tr>
<tr>
<td>2, 3, 4, 5, 6</td>
<td>Moratorium or Net Zero Demand Increase on New Connections</td>
<td>1%</td>
<td>Based on declaration of Water Shortage Emergency</td>
<td>Yes</td>
</tr>
</tbody>
</table>

NOTES: Demand management actions will be implemented based on the Water Shortage Response Levels in the District's Rules and Regulations Section 5.1 and may be implemented differently based on each unique water shortage situation. Customer restrictions are cumulative and build upon each Water Shortage Level.

5.1.8.1 Water Shortage Response Level 1 – Drought Preparation Condition

**Trigger**

A Water Shortage Response Level 1 condition is also referred to as a “Drought Preparation” condition. A Level 1 condition applies when the Water Authority notifies its member agencies that due to an actual or anticipated reduction in supplies to the Water Authority or when water supply conditions specific to the District have a reasonable probability of supply shortages and that a consumer demand reduction of up to 10 percent is required in order to ensure that sufficient supplies will be available to meet anticipated demands, or as otherwise determined by the District in its reasonable discretion.

**Procedure**

The existence of a Water Shortage Response Level 1 may be declared by a resolution of the Padre Dam Board of Directors adopted at a regular or special public meeting held in accordance with State law. The mandatory conservation measures applicable to a Water Shortage Response Level 1 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.
During a Water Shortage Response Level 1, Padre Dam will increase its public education and outreach efforts to:

1. Ask customers to voluntarily reduce their water use by up to 10 percent.
2. Inform customers of the need to implement the mandatory water use efficiency measures listed in Section 5.1.6.
3. Encourage customers to utilize the water conservation incentives and programs offered by Padre Dam and its suppliers.

The CEO/General Manager is authorized to rescind a Water Shortage Response Level 1.

**Water Use Restrictions in Water Shortage Level 1**

The water use restrictions that apply during a Water Shortage Level 1 are the mandatory water use efficiency measures that apply at all times and are listed in Section 5.1.6.

During a Water Shortage Level 1, in addition to water use restrictions, the Board of Directors may implement Demand Management Rates and Charges in Section 10.3.6 as necessary, depending on the level of potable water use cutbacks required, to ensure that the District recovers sufficient revenues to fund the District’s obligations.

5.1.8.2 **Water Shortage Response Level 2 – Drought Watch**

**Trigger**

A Water Shortage Response Level 2 is also referred to as a “Drought Water.” A Water Shortage Level 2 may apply when the Water Authority notifies its member agencies that due to an actual or anticipated reduction in supplies to the Water Authority, or when water supply conditions specific to the District have limited available water and supplies, and a commensurate consumer demand reduction of up to 20 percent is required in order to balance regional demands with supplies anticipated to be available for the foreseeable future, or as otherwise determined by the District in its reasonable discretion. Additionally, if the Padre Dam Board of Directors adopts findings supporting a Water Shortage Emergency, pursuant to Water Code section 350 et seq., the Board shall declare a Water Shortage Emergency.

**Procedure**

The existence of a Water Shortage Response Level 2 may be declared by a resolution of the Padre Dam Board of Directors adopted at a regular or special public meeting held in accordance with State law. The mandatory conservation measures applicable to a Water Shortage Response Level 2 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The existence of a Water Shortage Emergency during a Water Shortage Response Level 2 may be declared by the Padre Dam Board of Directors pursuant to Water Code Section 350, following a public hearing held
in accordance with the procedures specified in Water Code Sections 351 and 352. The mandatory conservation measures applicable to a Water Shortage Response Level 2 condition shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The CEO/General Manager is authorized to rescind a Water Shortage Response Level 2. In the event a Water Shortage Emergency is declared during a Water Shortage Response Level 2, the Padre Dam Board of Directors may declare an end to the Water Shortage Emergency during a Water Shortage Response Level 2, by the adoption of a resolution at any regular or special meeting held in accordance with State law.

Water Use Restrictions in Water Shortage Response Level 2

a) All persons using Padre Dam water shall comply with Water Shortage Response Level 1 water use restrictions during a Water Shortage Response Level 2, and shall also comply with the following additional conservation measures:

1. Limit residential and commercial landscape irrigation to the assigned number of days per week as determined by the CEO/General Manager and posted by Padre Dam. This section shall not apply to Growers.

2. Limit lawn water and landscape irrigation with spray head sprinklers to no more than 10 minutes per watering station per assigned day. Irrigation run time shall be adjusted to avoid runoff. This provision does not apply to landscape irrigation systems using water efficient devices, including: drip, micro-irrigation, stream rotors, rotating nozzles, or weather based irrigation controllers.

3. Water landscaped areas, including trees and shrubs located on residential and commercial properties, and not irrigated by a landscape irrigation system governed by section 5.1.8.2 (a)(1 and 2), on the same schedule set forth in section 5.1.8.2 (a)(1) and (2) by using a bucket, hand-held hose with positive shut-off nozzle, or low-volume non-spray irrigation.

4. Irrigation to establish new landscape is allowed at any time of day for up to two months, if the new landscape is water efficient and is replacing cool season turf or other high water use landscape; or, if the new landscape is water efficient and is required for a landscape permit.

5. Repair all leaks within 72 hours of notification by Padre Dam unless other arrangements are made with the CEO/General Manager. Severe leaks must be stopped immediately.

6. Use recycled water, when available, for ornamental fountains, ponds and similar decorative water features and stop operating if ordered by the CEO/General Manager based on water supply conditions.

b) The restrictions in this subsection shall apply if the Padre Dam Board of Directors declares a Water Shortage Emergency in the manner and on the grounds provided in Water Code section 350 et seq. Padre Dam may determine no new potable water service will be provided, no new temporary meters will be provided and those in use will be terminated and collected, no permanent meters will be
installed, no additional capacity will be sold, and no statements of immediate ability to serve or provide potable water service (such as, will serve letters, certificates, or letters of availability) will be issued, as authorized by Water Code sections 350 and 356. Exceptions to these restrictions may be allowed under the following circumstances:

1. A valid, unexpired building permit has been issued for the project, all grading has been completed, and the construction of structures has begun; or
2. The project is necessary to protect the public’s health, safety, and welfare; or
3. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset to the satisfaction of Padre Dam.

This provision shall not be construed to preclude the resetting or turn-on of meters to provide continuation of water service or to restore service that has been interrupted for a period of one year or less.

c) Upon the declaration of a Water Shortage Response Level 2, Padre Dam may suspend consideration of annexations to its service area, and any service outside District boundaries.

d) During a Water Shortage Response Level 2, in addition to water use restrictions, the Board of Directors may implement Demand Management Rates and Charges as necessary, depending on the level of potable water use cutbacks required, to ensure that the District recovers sufficient revenues to fund the District’s obligations.

5.1.8.3  **Water Shortage Response Level 3 – Drought Alert**

**Trigger**

A Water Shortage Response Level 3 is also referred to as a “Drought Alert.” A Level 3 may apply when the Water Authority notifies its member agencies that due to an actual or anticipated reduction in supplies to the Water Authority, or when water supply conditions specific to the District have limited available water and supplies, and a commensurate consumer demand reduction of up to 30 percent is required in order to balance regional demands with supplies anticipated to be available for the foreseeable future, or as otherwise determined by the District in its reasonable discretion. Additionally, if the Padre Dam Board of Directors adopts findings supporting a Water Shortage Emergency, pursuant to Water Code section 350 et seq., the Board shall declare a Water Shortage Emergency.

**Procedure**

The existence of a Water Shortage Response Level 3 may be declared by a resolution of the Padre Dam Board of Directors adopted at a regular or special public meeting held in accordance with State law. The mandatory conservation measures applicable to a Water Shortage Level 3 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The existence of a Water Shortage Emergency during a Water Shortage Response Level 3 may be declared
by the Board of Directors pursuant to Water Code Section 350, following a public hearing held in accordance with the procedures specified in Water Code Sections 351 and 352. The mandatory conservation measures applicable to a Water Shortage Response Level 3 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish or summary a copy of the resolution in a newspaper used for publication of official notices.

The Padre Dam Board of Directors may declare an end to a Water Shortage Response Level 3 and/or a Water Shortage Emergency during a Water Shortage Response Level 3, by the adoption of a resolution at any regular or special meeting held in accordance with State law.

**Water Use Restrictions in Water Shortage Level 3**

a) All persons using Padre Dam water shall comply with a Water Shortage Response Level 1 and Level 2 water use restrictions during a Water Shortage Response Level 3 and shall also comply with the following additional mandatory conservation measures:

1. Limit residential and commercial landscape irrigation to the assigned number of days per week as determined by the CEO/General Manager and posted by Padre Dam. This section shall not apply to commercial growers or nurseries.

2. Water landscaped areas, including trees and shrubs located on residential and commercial properties, and not irrigated by a landscape irrigation system governed by section 5.1.8.3 (a) (1), on the same schedule set forth in section 5.1.8.3 (a) (1) by using a bucket, hand-held hose with a positive shut-off nozzle, or low-volume non-spray irrigation.

3. Stop washing vehicles except at commercial carwashes that re-circulate water, or by high pressure/low volume wash systems.

4. Repair all leaks within 72 hours of notification by Padre Dam unless other arrangements are made with the CEO/General Manager. Severe leaks must be stopped immediately.

b) Restrictions in this subsection shall apply if the Padre Dam Board of Directors declares a Water Shortage Emergency in the manner and on the grounds provided in Water Code section 350 et seq. Padre Dam may determine no new potable water service will be provided, no new temporary meters will be provided and those in use will be terminated and collected, no permanent meters will be installed, no additional capacity will be sold, and no statements of immediate ability to serve or provide potable water service (such as, will serve letters, certificates, or letters of availability) will be issued, as authorized by Water Code sections 350 and 356. Exceptions to these restrictions may be allowed under the following circumstances:

1. A valid, unexpired building permit has been issued for the project, all grading has been completed, and the construction of structures has begun; or

2. The project is necessary to protect the public’s health, safety, and welfare; or
3. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset to the satisfaction of Padre Dam. This provision shall not be construed to preclude the resetting or turn-on of meters to provide continuation of water service or to restore service that has been interrupted for a period of one year or less.

c) Upon the declaration of a Water Shortage Response Level 3, Padre Dam may suspend consideration of annexations to its service area, and any service outside District boundaries.

d) During a Water Shortage Level 3, in addition to water use restrictions, the Board of Directors may implement Demand Management Rates and Charges as necessary, depending on the level of potable water use cutbacks required, to ensure that the District recovers sufficient revenues to fund the District’s obligations.

5.1.8.4 **Water Shortage Response Level 4 – Drought Critical**

**Trigger**

A Water Shortage Response Level 4 is also referred to as a “Drought Critical.” A Water Shortage Response Level 4 may apply when the Water Authority Board of Directors notifies its member agencies that a consumer demand reduction up to 40 percent is required in order to have sufficient supplies available to meet anticipated demands or that water supply conditions specific to the District have limited available water and supplies such that a demand reduction of more than 40 percent is required in order to balance regional demands with the supplies anticipated to be available to the Water Authority for the foreseeable future, or as otherwise determined by the District in its reasonable discretion. Additionally, if the Padre Dam Board of Directors adopts findings supporting a Water Shortage Emergency, pursuant to Water Code section 350 et seq., the Board shall declare a Water Shortage Emergency.

**Procedure**

The existence of a Water Shortage Response Level 4 may be declared by a resolution of the Padre Dam Board of Directors adopted at a regular or special public meeting held in accordance with State law. The mandatory conservation measures applicable to a Water Shortage Response Level 4 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The existence of a Water Shortage Emergency during a Water Shortage Response Level 4 may be declared by the Board of Directors pursuant to Water Code Section 350, following a public hearing held in accordance with the procedures specified in Water Code sections 351 and 352. The mandatory conservation measures applicable to a Water Shortage Response Level 4 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The Padre Dam Board of Directors may declare an end to a Water Shortage Response Level 4 and/or a
Water Shortage Emergency during a Water Shortage Response Level 4, by the adoption of a resolution at any regular or special meeting held in accordance with State law.

**Water Use Restrictions in Water Shortage Level 4**

a) All persons using Padre Dam water shall comply with a Water Shortage Level 1, Level 2, and Level 3 water use restrictions during a Water Shortage Level 4 and shall also comply with the following additional mandatory conservation measures:

1. Limit residential and commercial landscape irrigation to the assigned number of days per week as determined by the CEO/General Manager and posted by Padre Dam. This section shall not apply to commercial growers or nurseries.

2. Water landscaped areas, including trees and shrubs located on residential and commercial properties, and not irrigated by a landscape irrigation system governed by section 5.1.8.4 (a) (1), on the same schedule set forth in section 5.1.8.4 (a) (1) by using a bucket, hand-held hose with a positive shut-off nozzle, or low-volume non-spray irrigation.

3. Stop filling or re-filling ornamental lakes or ponds, except to the extent needed to sustain aquatic life, provided that such animals are of significant value and have been actively managed within the water feature prior to declaration of a drought response level under this policy.

4. Repair all water leaks within 48 hours of notification by Padre Dam unless other arrangements are made with the CEO/General Manager. Severe leaks must be stopped immediately.

b) The restrictions in this subsection shall apply if the Padre Dam Board of Directors declares a Water Shortage Emergency in the manner and on the grounds provided in Water Code section 350 et seq. Padre Dam may determine no new potable water service will be provided, no new temporary meters will be provided and those in use will be terminated and collected, no permanent meters will be installed, no additional capacity will be sold, and no statements of immediate ability to serve or provide potable water service (such as, will serve letters, certificates, or letters of availability) will be issued, as authorized by Water Code sections 350 and 356. Exceptions to these restrictions may be allowed under the following circumstances:

1. A valid, unexpired building permit has been issued for the project, all grading has been completed, and the construction of structures has begun; or

2. The project is necessary to protect the public’s health, safety, and welfare; or

3. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset to the satisfaction of Padre Dam.

This provision shall not be construed to preclude the resetting or turn-on of meters to provide continuation of water service or to restore service that has been interrupted for a period of one year or less.
c) Upon the declaration of a Water Shortage Response Level 4, Padre Dam may suspend consideration of annexations to its service area, and any service outside District boundaries.

d) During a Water Shortage Response Level 4, in addition to water use restrictions, the Board of Directors may implement Demand Management Rates and Charges as necessary, depending on the level of potable water use cutbacks required, to ensure that the District recovers sufficient revenues to fund the District’s obligations.

5.1.8.5  Water Shortage Response Level 5 – Drought Crisis

Trigger

A Water Shortage Response Level 5 is also referred to as a “Drought Crisis.” A Water Shortage Response Level 5 may apply when the Water Authority Board of Directors notifies its member agencies that due to increasing cutbacks caused by drought or other reduction of supplies, a consumer demand reduction of up to 50 percent is required in order to have sufficient supplies available to meet anticipated demands or that water supply conditions specific to the District have limited available water and supplies such that a demand reduction of up to 50 percent is required in order to balance regional demands with the supplies anticipated to be available to the Water Authority for the foreseeable future, or as otherwise determined by the District in its reasonable discretion. The Padre Dam Board of Directors shall declare the existence of a Water Shortage Response Level 5 and implement the Level 5 conservation measures identified in this ordinance. Additionally, if the Padre Dam Board of Directors adopts findings supporting a Water Shortage Emergency, pursuant to Water Code section 350 et seq., the Board shall declare a Water Shortage Emergency.

Procedure

The existence of a Water Shortage Response Level 5 may be declared by a resolution of the Padre Dam Board of Directors adopted at a regular or special public meeting held in accordance with State law. The mandatory conservation measures applicable to a Shortage Response Level 5 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The existence of a Water Shortage Emergency during a Water Shortage Response Level 5 may be declared by the Board of Directors pursuant to Water Code Section 350, following a public hearing held in accordance with the procedures specified in Water Code sections 351 and 352. The mandatory conservation measures applicable to a Water Shortage Response Level 5 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The Padre Dam Board of Directors may declare an end to a Water Shortage Response Level 5 and/or a Water Shortage Emergency during a Water Shortage Response Level 5, by the adoption of a resolution at any regular or special meeting held in accordance with State law.
Water Use Restrictions in Water Shortage Level 5

a) All persons using Padre Dam water shall comply with Water Shortage Response Level 1, Level 2, Level 3 and Level 4 water use restrictions during a Water Shortage Response Level 5 and shall also comply with the following additional mandatory conservation measures:

1. Stop all landscape irrigation, except for crops, landscape products of commercial growers and nurseries, and the following categories:

   A. Maintenance of trees and shrubs that are watered on the schedule established by the CEO/General Manager under section 5.1.8.4 (a) (1) by using a bucket, hand-held hose with a positive shut-off nozzle, or low-volume non-spray irrigation;

   B. Maintenance of existing landscaping necessary for fire protection as specified by the Fire Marshal of the local fire protection agency having jurisdiction over the property to be irrigated;

   C. Maintenance of existing landscaping for erosion control;

   D. Maintenance of plant materials identified to be rare or essential to the wellbeing of rare animals;

   E. Maintenance of landscaping within active public parks and playing fields, day care centers, school grounds, cemeteries, and golf course greens, provided that such irrigation complies with the schedule established by the CEO/General Manager under section 5.1.8.4 (a) (1).

   F. Watering of livestock; and

   G. Public works projects and actively irrigated environmental mitigation projects.

2. Repair all water leaks within 24 hours of notification by Padre Dam unless other arrangements are made with the CEO/General Manager. Severe leaks must be stopped immediately.

b) The restrictions in this subsection shall apply if the Padre Dam Board of Directors declares a Water Shortage Emergency in the manner and on the grounds provided in Water Code section 350 et seq. Padre Dam may determine no new potable water service will be provided, no new temporary meters will be provided and those in use will be terminated and collected, no permanent meters will be installed, no additional capacity will be sold, and no statements of immediate ability to serve or provide potable water service (such as, will serve letters, certificates, or letters of availability) will be issued, as authorized by Water Code sections 350 and 356. Exceptions to these restrictions may be allowed under the following circumstances:

1. A valid, unexpired building permit has been issued for the project, all grading has been completed, and the construction of structures has begun; or

2. The project is necessary to protect the public’s health, safety, and welfare; or
3. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset to the satisfaction of Padre Dam.

This provision shall not be construed to preclude the resetting or turn-on of meters to provide continuation of water service or to restore service that has been interrupted for a period of one year or less.

c) Upon the declaration of a Water Shortage Response Level 5, Padre Dam may suspend consideration of annexations to its service area, and any service outside District boundaries.

d) During a Water Shortage Response Level 5, in addition to water use restrictions, the Board of Directors may implement Demand Management Rates and Charges as necessary, depending on the level of potable water use cutbacks required, to ensure that the District recovers sufficient revenues to fund the District's obligations.

5.1.8.6 Water Shortage Response Level 6 – Drought Emergency

Trigger

A Water Shortage Response Level 6 is also referred to as a “Drought Emergency.” A Water Shortage Response Level 6 may apply when the Water Authority Board of Directors declares a water shortage emergency pursuant to Water Code Section 350 and notifies its member agencies that Level 6 requires a demand reduction of more than 50 percent in order for Padre Dam to have maximum supplies available to meet anticipated demands. The Padre Dam Board of Directors shall declare the existence of a Water Shortage Response Level 6 and implement the Level 6 conservation measures identified in this ordinance. Additionally, if the Padre Dam Board of Directors adopts findings supporting a Water Shortage Emergency, pursuant to Water Code section 350 et seq., the Board shall declare a Water Shortage Emergency.

Procedure

The existence of a Water Shortage Response Level 6 may be declared by a resolution of the Padre Dam Board of Directors adopted at a regular or special public meeting held in accordance with State law. The mandatory conservation measures applicable to a Water Response Level 5 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The existence of a Water Shortage Emergency during a Water Shortage Response Level 6 may be declared by the Board of Directors pursuant to Water Code Section 350, following a public hearing held in accordance with the procedures specified in Water Code sections 351 and 352. The mandatory conservation measures applicable to a Water Shortage Response Level 5 shall take effect on the tenth day after the date the response level is declared. Within five days following the declaration of the response level, Padre Dam shall publish a copy or summary of the resolution in a newspaper used for publication of official notices.

The Padre Dam Board of Directors may declare an end to a Water Shortage Response Level 6 and/or a
Water Shortage Emergency during a Shortage Response Level 6, by the adoption of a resolution at any regular or special meeting held in accordance with State law.

Water Use Restrictions in Shortage Level 6

All persons using Padre Dam water shall comply with conservation measures required during Level 1, Level 2, Level 3, Level 4, and Level 5 and shall also comply with the following additional mandatory conservation measures:

1. Stop all landscape irrigation, except crops and landscape products of commercial growers and nurseries. This restriction shall not apply to the following categories of use unless Padre Dam unless determined by the CEO/General Manager that recycled water is available and may be lawfully applied to the use:

   A. Maintenance of existing landscaping necessary for fire protection as specified by the Fire Marshal of the local fire protection agency having jurisdiction over the property to be irrigated;

   B. Maintenance of existing landscaping for erosion control;

   C. Maintenance of plant materials identified to be rare or essential to the well-being of rare animals;

   D. Watering of livestock; and

   E. Public works projects and actively irrigated environmental mitigation projects.

2. Repair all water leaks within 24 hours of notification by Padre Dam unless other arrangements are made with the CEO/General Manager. Severe leaks must be stopped immediately.

3. The restrictions in this subsection shall apply if the Padre Dam Board of Directors declares a Water Shortage Emergency in the manner and on the grounds provided in Water Code section 350 et seq., Padre Dam may determine no new potable water service will be provided, no new temporary meters will be provided and those in use will be terminated and collected, no permanent meters will be installed, no additional capacity will be sold, and no statements of immediate ability to serve or provide potable water service (such as, will serve letters, certificates, or letters of availability) will be issued, as authorized by Water Code sections 350 and 356. Exceptions to these restrictions may be allowed under the following circumstances:

   A. A valid, unexpired building permit has been issued for the project, all grading has been completed, and the construction of structures has begun; or

   B. The project is necessary to protect the public’s health, safety, and welfare; or

   C. The applicant provides substantial evidence of an enforceable commitment that water demands for the project will be offset to the satisfaction of Padre Dam.

This provision shall not be construed to preclude the resetting or turn-on of meters to provide
continuation of water service or to restore service that has been interrupted for a period of one year or less.

4. Upon the declaration of a Water Shortage Response Level 6, Padre Dam may suspend consideration of annexations to its service area, and any service outside District boundaries.

5. During a Water Shortage Response Level 6, in addition to water use restrictions, the Board of Directors may implement Demand Management Rates and Charges (Section 10.3.6) as necessary, depending on the level of potable water use cutbacks required, to ensure that the District recovers sufficient revenues to fund the District’s obligations.

5.1.8.7 Supply Augmentation

Padre Dam purchases 100 percent of the District’s potable water from the Water Authority, which is the water wholesaler for the San Diego region. The Water Authority and its 24 member agencies, including Padre Dam, have worked collaboratively over the past three decades to diversify water supplies and develop robust water supply shortage plans. If the Water Authority identifies a water supply shortfall, it evaluates the use of water reserves from the Water Authority’s Carryover Storage or pursues supply augmentation measures, such as dry-year transfers in order to reduce or eliminate a shortfall. Details on the Water Authority’s supply augmentation plan are available in the Water Authority’s WSCP, Appendix B. Any supply augmentations occur before Padre Dam purchases water from the Water Authority and therefore are not included in Department of Water Resources Table 8-3 below. Below is the Department of Water Resources Table 8-3 supplemented with Padre Dam’s actions related to supply augmentation.
<table>
<thead>
<tr>
<th>Shortage Level</th>
<th>Supply Augmentation Methods and Other Actions by Water Supplier Drop down list These are the only categories that will be accepted by the WUEdata online submittal tool</th>
<th>How much is this going to reduce the shortage gap? Include units used (volume type or percentage)</th>
<th>Additional Explanation or Reference (optional)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2, 3, 4, 5, 6</td>
<td>Other Actions (describe)</td>
<td>Up to 100%</td>
<td>Padre Dam purchases 100 percent of its potable water from the Water Authority, which is the regional water wholesaler for the San Diego region. The Water Authority and its 24 member agencies, including Padre Dam have worked collaboratively over the past three decades to diversify water supplies and develop robust water supply shortage plans. These plans may include water transfers, other water purchases and stored emergency supplies. These supply augmentations occur before Padre Dam purchases water from the Water Authority and therefore are dependent on the actions of the Water Authority.</td>
</tr>
</tbody>
</table>

Padre Dam produces 2 MGD of recycled water. This water may not be used for potable use and therefore does not provide emergency drinking water augmentation. The District does border other agencies with treated water emergency connections, which could possibly be made available during certain water supply shortages.

### 5.1.8.9 Operational Changes

Padre Dam will consider the following operational changes, as appropriate, to help address the shortage on a short-term basis:

- Expand Customer outreach and communications efforts
- Expand free water use survey and rebate programs
- Increase notifications to customers with continuous water use and possible water leaks
- Increase water waste enforcement and implement water waste penalties
- Implement Demand Management Rates and Charges (Section 10.3.6)
- Prioritize maintenance projects that could assist in reducing water loss
- Defer routine maintenance that involves extensive flushing or draining that does not have an impact on water quality
5.1.8.10 **Emergency Response Plan for Catastrophic Water Shortages**

Padre Dam has multiple efforts in place to ensure the District is prepared to respond in the case of a catastrophic water supply interruption. The key element is the District’s Emergency Response Plan (ERP). Padre Dam’s ERP in part outlines how staff would respond to a catastrophic water shortage and provides plans to address these situations. The District’s ERP outlines measures to respond to disasters, including, but not limited to: earthquakes, floods, fire, major loss of power, loss of water transmission lines, water quality issues, hazardous spills, and terrorist activities.

Additionally, the District participates in a Shared Resources Agreement between several other local agencies in an effort to assist other public agencies in times of need.

Regionally, our potable water wholesaler, the Water Authority, has an Integrated Contingency Plan (ICP) and an Emergency Storage Program (ESP) that address planning related to a regional catastrophic supply interruption. The Water Authority’s ICP outlines how the region would respond to an emergency that causes severe damage to the Water Authority’s distribution system or hinders the Water Authority’s ability to provide reliable water service to its member agencies, including Padre Dam. Additionally, the ICP provides direction and strategies for responding to a crisis, and outlines triggers that would activate the use of the ICP and/or the Emergency Operations Center. The Water Authority’s ESP is a system of reservoirs, pipelines, pump stations, and other conveyance facilities that are designed to provide water to the region during a prolonged regional supply interruption. The program has added 90,100 AF of water storage capacity in recent years to provide for six months of supplies in the San Diego region, through at least 2030, for use during an emergency.

Padre Dam also participated in the development of the San Diego County Multi-Jurisdictional Hazard Mitigation Plan, which addresses seismic risk as well as multiple other potential losses and hazards. A copy of this plan is included in the District’s Urban Water Management Plan appendices.

5.1.9 **Communications Protocols**

Communications with Padre Dam customers and the communities it provides services to is a key element of water shortage contingency planning implementation. The District has a multiple communications channels to convey key messages regarding water shortage allocations and voluntary and mandatory actions.

To reduce water use during any water shortage level, Padre Dam will increase its public education and outreach efforts to build awareness of necessary actions from the public. The District’s messaging will be revised regular to reflect current water conditions.

Padre Dam may utilize our various methods to communicate water supply information and calls for conversation including: bill messages, bill inserts, website messaging, email notifications, social media messaging, automated photo calls to customers, community news articles, press releases, videos, and other messaging platforms as available.

The District will communicate with customers and community members at each water supply shortage level. Messaging is expected to increase as levels increase. Key information shared with customers will include:

- Any current or predicted shortages as determined by the Annual Assessment Report
- Specific shortage response actions needed to save water
• How much water they need to save and for how long
• Why they need to save water
• What the District is doing to correct the water supply problem or address the situation

5.1.9.1 Regional Coordination

In order to communicate effectively, avoid confusion, and maintain credibility Padre Dam will work collaboratively with the Water Authority. The District plans to work in close coordination through the Joint Public Information Council/Conservation Coordinators, the Member Agency Managers group, and the Water Authority’s Board Legislation and Public Outreach Committee, or other similarly constituted bodies or committees. This collaboration will help leverage external resources to complement our own outreach efforts.

5.1.9.2 Communications Objectives

Communication objectives during the various levels of the WSCP will include the following:

• Motivate water users to quickly increase conservation in ways that are consistent with any voluntary or mandatory actions called for at the current level of the WSCP.
• Raise awareness and understanding of the drought, regulatory, or other condition affecting water supplies and the need for increased conservation.
• Minimize confusion and maintain regional consistency with and conservation messages using an appropriate tone that preserves credibility and avoids non-compliance backlash.
• Make water users feel appreciated for existing accomplishments in improving their water-use efficiency, and for supporting regional and local investments in water supply reliability.
• Educate regional civic and business leaders, elected officials, and the public that the District, in conjunction with the Water Authority and its member agencies, has greatly improved its regional water supply reliability.
• Prepare the District for any potential escalation (or de-escalation) of the WSCP based on trending supply conditions.
• Ensure all stakeholders believe they are being treated fairly in relationship to other stakeholders.
• Maintain communication effectiveness by soliciting or monitoring feedback from member agencies, key stakeholders, and the general public to update or adapt messages or communication tools.
• Exit WSCP implementation having demonstrated the effectiveness and value of conservation actions and water supply reliability investments in minimizing impacts to the District’s economy and quality of life.

5.1.9.3 Catastrophic Communications

In the event of a catastrophic supply interruption that requires water use to be quickly prioritized for or limited to essential public health and safety needs, the District will immediately deploy appropriate strategies from Water Shortage Levels 1 through 6. In addition, outreach messaging will reflect emergency conditions and the need to focus on health and public safety. Catastrophic communications strategies may include, but are not limited to, the following:

• Announce status change to key stakeholders and the general public.
• Provide regular update to stakeholders and the media on conditions.
• Implementation of any appropriate strategies and tactics from Water Shortage Response Levels 1-6
• Shift to messages that reflect emergency condition and need to focus water use on health/safety needs
• Provide joint news release/new events with public health officials to announce conditions and explain needed action.
• Ensure ongoing coordination with emergency response services.
• Send clear, consistent, and understandable messages regarding what uses of water or levels of water use remain acceptable for residential, commercial and public water users, and the expected duration of this restricted level of water use.
• Conduct specialized outreach to landscape and related industries with significant outdoor water use to urge immediate end to landscape water use (if required)

5.1.10 Compliance and Enforcement

Wasting water is not permitted at any time, even when no water shortage levels are in effect. Mandatory water use efficiency measures are in effect at all times, see Section 5.1.6. Water waste violations, citations, and complaints will be handled through the processes found in this section for all Water Shortage Response Levels.

5.1.10.1 Violations, Penalties for Citations/Complaints, and Other Remedies

a) Any person, who uses, causes to be used, or permits the use of water in violation of this policy is guilty of an offense punishable as provided herein.

b) Each day that a violation of this policy occurs is a separate offense.

c) The following enforcement measures will be taken upon a violation of the water use restrictions set forth in this policy:

1. Any violation of the water use restrictions contained herein, and reported to the District by a non-Padre Dam employee, will result in a letter generated by the District, notifying the customer of the incident, with a record of the offense being kept and noted on the customer's account. A Padre Dam employee may follow-up to observe the situation.

2. Any violation of the water use restrictions contained herein, seen by a Padre Dam employee, will result in the issuance of a citation/complaint assessing a penalty, as set forth in Section 5.1.12 (Penalties for Water Supply System Violations) and notifying the violator of the basis for the proposed civil liability order. The citation/complaint will be served by registered or certified mail.

d) Any willful violation may result in the appropriate limitation of service by use of a flow restrictor at the service address, or discontinuance of service at that address, as provided by Water Code section 356. Reinstatement of service must be obtained in person at the District Customer Service Center.

e) Each violation of this policy may be prosecuted as a misdemeanor punishable by imprisonment in the county jail for not more than 30 days or by a fine not exceeding $1,000, or by both as provided for in Water Code section 377.
f) Penalties collected by Padre Dam will be used to fund water conservation and drought response programs pursuant to the purposes of Water Code section 375 et seq.

5.1.10.2 Penalties for Water Supply System Violations

Unless a timely appeal is requested pursuant to Section 5.1.13, the District’s CEO/General Manager or designee shall issue a final order. Collection of that bill will follow the District’s normal collection procedures, and in no event shall a final order be issued on a citation/complaint prior to the 31st day following its issuance.

1. Penalties for Violations of Mandatory Water Use Efficiency Measures and Drought Level 1 (Sec. 5.1.8.1)

<table>
<thead>
<tr>
<th>Violations Observed by Padre Dam Employee</th>
<th>Penalty Amount</th>
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<tbody>
<tr>
<td>a. First Violation</td>
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<tr>
<td>b. Second Violation</td>
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<tr>
<td>c. Third Violation</td>
<td>$ 150</td>
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<tr>
<td>d. Fourth &amp; Subsequent Violations</td>
<td>$ 300 each</td>
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2. Penalties for Violations of Drought Levels 2 & 3 Water Use Restrictions (Sec.5.1.8.2 & 5.1.8.3)

<table>
<thead>
<tr>
<th>Violations Observed by Padre Dam Employee</th>
<th>Penalty Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. First Violation</td>
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<tr>
<td>b. Second Violation</td>
<td>$ 150</td>
</tr>
<tr>
<td>c. Third Violation</td>
<td>$ 300</td>
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<tr>
<td>d. Fourth &amp; Subsequent Violations</td>
<td>$ 600 each</td>
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</tbody>
</table>

3. Penalties for Violations of Drought Levels 4 Water Use Restrictions (Sec.5.1.8.4)

<table>
<thead>
<tr>
<th>Violations Observed by Padre Dam Employee</th>
<th>Penalty Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. First Violation</td>
<td>$ 150</td>
</tr>
<tr>
<td>b. Second Violation</td>
<td>$ 300</td>
</tr>
<tr>
<td>c. Third Violation</td>
<td>$ 900</td>
</tr>
<tr>
<td>d. Fourth &amp; Subsequent Violations</td>
<td>$2,700 each</td>
</tr>
</tbody>
</table>

4. Penalties for Violations of Drought Levels 5 & 6 Water Use Restrictions (Sec 5.1.8.5 & 5.1.8.6)

<table>
<thead>
<tr>
<th>Violations Observed by Padre Dam Employee</th>
<th>Penalty Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. First Violation</td>
<td>$ 300</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>b. Second Violation</td>
<td>$ 600</td>
</tr>
<tr>
<td>c. Third Violation</td>
<td>$ 1,200</td>
</tr>
<tr>
<td>d. Fourth &amp; Subsequent Violations</td>
<td>$3,500 each</td>
</tr>
</tbody>
</table>

**5. Penalties for Continued Violations**

On the 31st day after the District has notified the person of a violation, the person additionally may be assessed a civil penalty in an amount not to exceed $10,000 plus $500 for each additional day on which the violation continues.

**5.1.10.3 Appeals to Citations/Complaints**

a) A customer who wishes to appeal a citation/complaint and/or a penalty imposed by the District pursuant to Sections 5.1.11 and 5.1.12 shall comply with the following procedures:

1. The customer must file a properly executed “Appeal to Citation/Complaint Form” provided by the District within 15 days of the date of the citation/complaint.
2. The customer shall pay all amounts due and owing on his or her monthly bill, except for any disputed penalty imposed by the District.
3. The District’s Enforcement Officer, or designee, shall issue a response to the appeal within 30 days from receipt of the properly executed “Appeal to Citation/Complaint Form.”

b) If an appeal is denied, the customer may request a hearing before the CEO/General Manager by submitting a request to the Board Secretary no later than 15 days from the denial of the appeal. If timely requested, the hearing shall not be held sooner than 30 days after the Citation/Complaint was issued.

c) When considering an appeal, including when determining the amount of civil penalty to assess when a pre-established penalty pursuant to Section 5.1.12 is not applicable, the CEO/General Manager shall take into consideration all relevant circumstances, including, but not limited to, the nature and persistence of the violation, the extent of harm caused by the violation, the length of time over which the violations occurs, and any correction action taken by the violator.

d) The decision of the CEO/General Manager shall be final and will be memorialized as a final order. Collection of any penalty imposed pursuant to the final order will follow the District’s normal collection procedures. The final order may not be issued prior to the 31st day after issuance of the citation/complaint.

e) If a hearing is not requested in a timely manner, the District’s denial of the appeal is final and the CEO/General Manager, or designee, will issue a final order no sooner than the 31st day after issuance of the citation/complaint seeing forth the penalty.

f) The provisions of Section 1094.5 of the Code of Civil Procedure of the State of California shall be applicable to judicial review of the final order.
5.1.11 Legal Authorities

Padre Dam has the legal authority to implement and enforce its WSCP. California Constitution Article X, Section 2 and Water Code section 100 provide that water must be put to beneficial use, the waste or unreasonable use or unreasonable method of use of water shall be prevented, and the conservation of water is to be exercised with a view of the reasonable and beneficial use thereof in the interest of the people and the public welfare. Sections of Water Code Chapter 3 commencing with Section 350 of Division 1, provide the authority for the governing body of a water agency to declare a water shortage and to adopt and enforce water conservation restrictions. (Wat. Code §§ 350-359, 375-378.0.)

If necessary, the District shall declare a water shortage emergency in accordance with Water Code Chapter 3 of Division 1. Once having declared a water shortage, the District is provided with broad powers to implement and enforce regulations and restrictions for managing a water shortage pursuant to Water Code section 375. For example: Water Code Section 375(b) grants the District with the authority to set prices to encourage water conservation.

Under California law, including Water Code Chapters 3.3 and 3.5 of Division 1, Parts 2.55 and 2.6 of Division 6, Division 13, and Article X, Section 2 of the California Constitution, the District is authorized to implement the water shortage actions outlined in this WSCP. In water shortage cases, shortage response actions to be implemented will be at the discretion of the District and will be based on an assessment of the supply shortage, customer response, and need for demand reductions as outlined in this WSCP.

It is noted that upon proclamation by the Governor of a state of emergency under the California Emergency Services Act (Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code) based on drought conditions, the state will defer to implementation of locally adopted water shortage contingency plans to the extent practicable.

The District will coordinate with regional and local water suppliers for which it provides water supply services for possible proclamation of a local emergency as necessary under California Government Code, California Emergency Services Act (Article 2, Section 8558).

5.1.12 Financial Consequences of the WSCP

Drought conditions can have an adverse impact on water use. Initial dry conditions could result in increased water use and sales revenues as consumer use increases due to higher temperatures and below average rainfall. As drought conditions become more severe or prolonged causing the agency to move into higher water shortage response levels the District is likely to see a decrease in water availability and therefore would cause usage to be reduced resulting in a reduction of the District’s water sales revenues.

Decreased water usage during drought conditions would also reduce imported water purchase expenses and pumping expenses as less water needs to be pumped to customers. Water treatment costs could potentially be impacted as less water is moving through the system and could sit stagnant for longer causing a need for additional treatment or flushing efforts.

Padre Dam relies on water sales revenue to cover operating expenses. A reduction in water sales could result in the need to cover this loss in revenue. The District could choose a number of options in this
situation, which include: implementing Demand Management Rates and Charges in Section 10.3.6 to assist in covering the reduction in demand and revenue, additional potential rate increases, or accessing rate stabilization reserve funds. Prolonged drought would require the District to specific actions that could include reducing services, delaying capitol project work and other nonessential operating expenses.

5.1.13 Monitoring and Reporting

The District monitors how effective the combination of water shortage response actions in each water shortage level is with meters. All residential, commercial, government, and irrigation customer accounts are metered. During times of declared water shortages under the District’s WSCP, the District will review the metered billing data and compare this data with water billing data in prior months and during non-shortage years to determine if demand is being reduced. If the needed percent reductions are not being met, the District can implement additional shortage response actions.

The District will be required to report its annual supply and demand to the state in the Annual Assessment report, due June 1 of each year starting in 2022. Additionally, the District reports total monthly production to the SWRCB as originally required by Governor Brown’s Executive Orders B-29-15 and B-36-15.

5.1.14 WSCP Refinement Procedures

The District will re-evaluate its WSCP at least every five years in coordination with the UWMP updates to ensure that Padre Dam’s shortage response actions are effective and produce the desired results. The District may also re-evaluate its WSCP at the discretion of the District outside of the five-year UWMP cycle. Additionally, an evaluation on the effectiveness of the water shortage response actions will be conducted following any future implementation of the WSCP. The evaluation will compare the expected demand reductions with actual demand reductions, and revisions to the shortage response actions and communication plan will be made accordingly.

5.1.15 Special Water Feature Distinction

Pursuant to Water Code Section 10632(b), for purposes of developing a WSCP pursuant to subdivision (a), an urban water supplier shall analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas, as defined in subdivision (a) of Section 115921 of the Health and Safety Code.

The District’s demand reduction measures clearly define water features subject to restrictions to only include ornamental fountains, ornamental lakes, and ornamental ponds. Refer to Section 5.1.8.

5.1.16 Plan Adoption, Submittal, and Availability

The District’s adoption, submittal, and implementation of its WSCP is completed in a transparent manner that is accessible to all interested parties, including its customers, local government agencies and their employees, as well as proactive coordination with neighboring water agencies. Transparency is important for a successful operation and planning of our local, regional, and state water resources. The District shall
make this WSCP available to its customers and any other applicable government entities no later than 30 days after adoption.

In most cases, Padre Dam notices, adopts, submits and makes available its WSCP in conjunction with its UWMP every five years and follows the processes and schedule outlined in Chapter 10 of the District’s UWMP.

However, the WSCP may be periodically amended independently of the UWMP as needed. The District will adhere to the following steps for adoption, submittal and availability when independently amending the WSCP:

1. Staff reviews WSCP and proposed amendments based on analysis
2. Provide legally required notice to public, cities, and counties
3. Public Hearing
4. Board Adoption
5. Submit to the Department of Water Resources
6. Implement
7. Publish WSCP on website and notify customers via existing print/digital outreach channels