

**SAVE WATER. SAVE CALIFORNIA.**

**Water Shortage Contingency  
Plan  
for  
Donner Summit Public Utility  
District (DSPUD)**

**53823 Sherritt Lane, Soda Springs, CA 95728**

**Public Water System CA #2910016**

**Effective: Month Day, 2023**

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## **Section I: Declaration of Policy, Purpose, and Intent**

In order to conserve the available water supply and protect the integrity of public water system (PWS) supply facilities, with particular regard for domestic water use, sanitation, and fire protection, to protect and preserve public health, welfare, and safety and minimize the adverse impacts of water supply shortage or other water supply emergency conditions, Donner Summit Public Utility District (DSPUD, or District) hereby adopts the following regulations and restrictions on the delivery and consumption of water through this abridged Water Shortage Contingency Plan (WSCP, or Plan).

In relation to the ongoing drought, in September 2021, Governor Gavin Newsom signed Senate Bill 552 (SB 552) requiring small water suppliers serving 1,000 to 2,999 connections and providing less than 3,000 acre-feet per year of water to develop an abridged WSCP, along with other prescriptive drought resiliency measures between 2023 and 2032. DSPUD serves approximately 360 domestic water customers in the Donner Summit area and is exempt from the requirements to develop, adopt, and maintain an abridged WSCP; however, the District is not immune to the challenges associated with climate change and drought. Due to these challenges, the District may see water supply–demand imbalances, especially at future levels of development. This abridged WSCP will address the water supply–demand imbalances by identifying standard water shortage levels corresponding to progressive ranges based on the water supply conditions, including catastrophic interruptions of water supply including regional power outage, earthquake, fire, and other potential emergency events.

Water uses regulated or prohibited under this 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 subjecting the offender(s) to penalties as defined in Section XI of the Plan.

## **Section II: Public Involvement**

While DSPUD is not required to prepare an abridged WSCP under SB 552, the District provided the opportunity for the public to provide input into the preparation of the Plan by posting the Plan on their website and through their regular Board meeting held on September 19, 2023. Hard copy mailers were distributed ahead of this meeting to notify the public of the opportunity for input into the Plan. Final adoption of the Plan occurred at a properly noticed Board meeting on October 17, 2023.

## **Section III: Public Education**

DSPUD will regularly provide the public with information about the Plan, including information about the conditions under which each stage of the Plan is to be initiated or terminated and the drought response measures to be implemented in each stage, including but not limited to the value of water, sources of water being used, methods and opportunities for conservation. Detailed information on public education is provided in Section X of the Plan.

## **Section IV: Coordination with Regional Water Planning Groups**

The service area of DSPUD is located within the Lake Angela watershed and the District has provided a copy of this Plan to the State Water Resources Control Board, Division of Drinking Water. **The final plan was also posted on the DSPUD website on Month Day, 2023.**

## **Section V: Authorization**

The General Manager, or designee, is hereby authorized and directed to implement the applicable provisions of this Plan upon determination that such implementation is necessary to protect public health, safety, and welfare. The General Manager, or designee, shall have the authority to initiate or terminate drought or other water supply emergency response measures as described in this Plan. The contact information for the General Manager is: 530-426-3456 and via email at SPalmer@dspud.com.

## **Section VI: Application**

The provisions of this Plan shall apply to all persons, customers, and properties utilizing water provided by DSPUD. The terms “person” and “customer” as used in the Plan may include individuals, corporations, partnerships, associations, and all other legal entities.

## **Section VII: Definitions**

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

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

**Commercial and Institutional water use:** water use which is integral to the operations of commercial and non-profit establishments and governmental entities such as schools, hospitals, clinics, 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 DSPUD.

**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, rights-of-way and medians.

**Non-essential water use:** water uses that are not essential nor required for the protection of public, health, safety, and welfare, including:

- (a) irrigation of landscape areas, including parks, athletic fields, and golf courses, except otherwise provided under this Plan;
- (b) use of water to wash any motor vehicle, motorbike, boat, trailer, airplane or other vehicle;
- (c) use of water to wash down any sidewalks, walkways, driveways, parking lots, tennis courts, or other hard-surfaced areas;
- (d) use of water to wash down buildings or structures for purposes other than immediate fire protection;
- (e) flushing gutters or permitting water to run or accumulate in any gutter or street;
- (f) use of water to fill, refill, or add to any indoor or outdoor swimming pools or Jacuzzi-type pools;
- (g) use of water in a fountain or pond for aesthetic or scenic purposes except where necessary to support aquatic life;
- (h) failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s); and
- (i) use of water from hydrants for construction purposes or any other purposes other than firefighting or hauling water for a domestic water use.

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

## Section VIII: Summary of Drought Response Stages and Response Actions

The General Manager, or designee, shall monitor a) water supply and/or demand conditions on a monthly basis and b) Bulletin 120 forecasts as they are released in the months of February, March, April, and May. The General Manager, or designee, shall determine when conditions warrant initiation or termination of each stage of the Plan, that is, when the specified “triggers” are reached.

The triggering and termination criteria described in subsequent sections of this document are based on:

- Projected surface water storage;
- Bulletin 120 runoff forecasts for the American River below Folsom Lake (<https://cdec.water.ca.gov/reportapp/javareports?name=B120>)
- Emergencies such as fire, earthquake, etc. resulting in potential water outages

The response actions described in subsequent sections of this document are based on the following general precepts:

- Source capacity augmentation is proposed through the provision of hauled or bottled water since DSPUD does not have an emergency intertie.
- Conservation techniques employed include progressively implementing more strict water use policies, primarily focused on outdoor irrigation and increasingly restrictive water use in business functions. In natural disaster type scenarios, water supplies are limited based on a per capita per day scenario.
- Notification of the public is performed in a variety of ways to ensure drought messaging is received by the residents. Depending on the severity of the drought stage, this may include messages on DSPUD’s website to county emergency messaging text alerts.
- DSPUD will coordinate with a variety of agencies, including but not limited to County Office of Emergency Services, County Environmental Health, and the State Water Resources Control Board, Division of Drinking Water, depending upon the severity of drought or water shortage.

A summary of the triggers and water reduction targets associated with each of the stages presented in this section is provided in table format below.

Summary of Drought Response Stages

Month	Index	Trigger	Shortage Level	Target	Stage	
January	Lake Angela Storage <b>OR</b> Previous April Bulletin 120 Apr-Jul runoff forecast for American River below Folsom Lake	<b>Lesser of:</b>				
		Lake Angela Storage < 50 AF	15-25%	25%	2	
		<b>OR</b>			<b>OR</b>	
		Greater than 50% of average	0%	0%	-	
		30-50% of average	0-15%	15%	1	
		< 30% of average	15-25%	25%	2	
	-	DSPUD discretion	25-35%	35%	3	
			35-45%	45%	4	
			45-55%	55%	5	
		Emergencies such as fire, earthquake, etc.	> 55%	≥ 55%	6	
February/March/ April-December	February 1/March 1/April 1 Bulletin 120 Apr – Jul Runoff Forecast For American River below Folsom Lake	Greater than 50% of average	0%	0%	-	
		30-50% of average	0-15%	15%	1	
		< 30% of average	15-25%	25%	2	
	-	DSPUD discretion	25-35%	35%	3	
			35-45%	45%	4	
			45-55%	55%	5	
		Emergencies such as fire, earthquake, etc.	> 55%	≥ 55%	6	

## **Section IX: Drought Response Triggers**

The drought response triggers and terminations discussed below provides details on when varying levels of drought responses, further discussed in Section X, will be implemented and then subsequently terminated. The DSPUD Board of Directors may choose to make modifications to the triggers and terminations depending on real-time scenarios, however these response triggers stand in the absence of other Board decisions.

### **Stage 1 Triggers – Water Shortage WATCH Conditions**

#### Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when the Bulletin 120 April to July runoff forecast for the American River below Folsom Lake is 30 to 50% of average.

#### Requirements for termination

Stage 1 of the Plan may be rescinded when the Bulletin 120 April to July runoff forecast for the American River below Folsom Lake is updated to be greater than 50% of average.

### **Stage 2 Triggers – WARNING Water Shortage Conditions**

#### Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when the Bulletin 120 April to July runoff forecast for the American River below Folsom Lake is less than 30% of average **OR** if Lake Angela storage falls below 50 acre-feet in the month of January.

#### Requirements for termination

Stage 2 of the Plan may be rescinded when the Bulletin 120 April to July runoff forecast for the American River below Folsom Lake is updated to be greater than 30% of average. Upon termination of Stage 2, Stage 1 becomes operative unless the runoff forecast is updated to be greater than 50% of average, in which case there would be no restrictions on non-essential water uses.

### **Stage 3 Triggers – ACUTE Water Shortage Conditions**

#### Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when DSPUD recommends



Stage 3 drought response measures.

Requirements for termination

Stage 3 of the Plan may be rescinded when triggering events have ceased to exist for a period of 10 consecutive days. Upon termination of Stage 3, Stage 2 becomes operative unless otherwise specified.

**Stage 4 Triggers – CRITICAL Water Shortage Conditions**

Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when DSPUD recommends Stage 4 drought response measures.

Requirements for termination

Stage 4 of the Plan may be rescinded when triggering events have ceased to exist for a period of 10 consecutive days. Upon termination of Stage 4, Stage 3 becomes operative unless otherwise specified.

**Stage 5 Triggers – EMERGENCY Water Shortage Conditions**

Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when DSPUD recommends Stage 5 drought response measures.

Requirements for termination

Stage 5 of the Plan may be rescinded when triggering events have ceased to exist for a period of 10 consecutive days. Upon termination of Stage 5, Stage 4 becomes operative unless otherwise specified.

**Stage 6 Triggers – CATASTROPHIC Water Shortage Conditions**

Requirements for initiation

Customers shall be required to comply with the restrictions on certain non-essential water uses provided in Section X of this Plan when DSPUD recommends Stage 3 drought response measures. Triggers may also include earthquakes resulting in significant infrastructure damage, emergency conservation needed for fire protection, or other actual or threatened catastrophic water infrastructure failure as determined by the General Manager, or designee.

### Requirements for termination

Stage 6 of the Plan may be rescinded when all the conditions listed as triggering events have ceased to exist and coordination with the health and safety authorities have indicated that the water source and distribution system is safe. Upon termination of Stage 6, Stage 5 becomes operative unless otherwise specified.

## **Section X: Drought Response Stages and Actions**

The General Manager, or designee, shall monitor a) water supply and/or demand conditions on a monthly basis and b) Bulletin 120 forecasts as they are released in the months of February, March, April, and May. Based on this monitoring and in accordance with the triggering criteria set forth in Section IX of this Plan, the General Manager or his designee shall determine if a water shortage condition exists and the severity of any such water shortage conditions (e.g., 1-Watch, 2-Warning, 3-Acute, 4-Critical, 5-Emergency, 6-Catastrophic Water Loss), and shall implement the following notification procedures accordingly:

### **Notification**

#### Description of Customer Notification Methods:

The General Manager, or designee, shall notify the public by means of one of the following Methods:

- Method 1: Notice on DSPUD website
- Method 2: Notice to local radio stations
- Method 3: Email to customer list
- Method 4: Direct Mail to each customer, in bill or flyer format
- Method 5: Door to door outreach in parts of the distribution system impacted by emergency
- Method 6: Nevada County and Placer County Emergency Messaging text alert through CodeRED (Nevada County) and Placer Alert (Placer County)

Prepared materials from the Department of Water Resources, "Save Our Water Toolkit", may be used as drought communication tools with the DSPUD logo added. The link for these materials is provided below:

<https://saveourwater.com/en/Partner-Toolkit>

Public Safety Contacts:

The General Manager, or designee, shall notify directly the following individuals and entities of restrictions and water shortages, as defined in the subsections below, as appropriate for each response stage.

<b>Organization or Department</b>	<b>Name &amp; Position</b>	<b>Telephone</b>	<b>Email</b>
Truckee Fire Protection District	Kevin McKechnie Fire Chief	911 or (530) 536-6142 (non-emergency)	kevinmckechnie@truckeefire.org
Sugar Bowl Ski Resort	Andy Chapko, Resort Maintenance Manager	(760) 694-6984	AChapko@sugarbowl.com
Boreal Ski	Mike Spain, Director of Soda Operations	(530) 426-3901 ext. 44130	mspan@skisodasprings.com
Donner Summit Association	Beth Tanhoff		
Nevada County Office of Emergency Services	Craig Griesbach, OES Director	(530) 265-1515	oes@nevadacountyca.gov
Placer County Office of Emergency Services	Stephen Fletcher, Emergency Coordinator	911 or (530) 886-5300 (non-emergency)	placeroes@placer.ca.gov
Nevada County Env. Health	Amy Irani, Director	911 or (530) 265-1222 Option 3 (non-emergency)	Env.health@nevadacountyca.gov
Placer County Env. Health	Jason Phillippe	911 or (530) 745-2300 (non-emergency)	environmentalhealth@placer.ca.gov
CalWARN Contact	Lisa Deklinski or Karla Tejada	(916) 808-1309 or (916) 804-2481	LDeklinski@cityofsacramento.org or Karla.Tejada@gswater.com
Division of Drinking Water Engineer	Ali Rezvani, District Engineer	(916) 445-5285	Ali.Rezvani@waterboards.ca.gov

Support Services Contacts:

The following is a listing of support services that may be appropriate for a water shortage emergency.

<b>Organization or Department</b>	<b>Company &amp; Name</b>	<b>Phone</b>	<b>Email</b>
Water Hauler	H2O To Go	(530) 432-8440	pinktruck@grassvalleywater.com
Water Hauler	Christensen & Son LLC	(530) 710-4827	
Emergency Showers and Portable Toilets	Outlaw Foods LLC	(530) 913-3418	
Bottled Water Vendor	Baxter Canyon Water Company	(530) 906-5288	baxtercanyonwater@gmail.com
Storage Tank Vendor	Service Pump Co.	(530) 268-3850	dsparks@sparks.com
Community Service Partners: Red Cross	Sierra-Delta Chapter	(916) 993-7070	

## **Drought Responses Actions:**

### **Stage 1 Response – Water Shortage WATCH Conditions**

**Target: Achieve a 15% reduction in total monthly water usage.**

#### **Best Management Practices for Supply Management:**

- (a) Organize and ensure joint messaging and actions between DSPUD and communities/ski resorts served by the District.
- (b) Verify CalWARN membership is active and in good standing.

#### **Voluntary Water Use Restrictions for Reducing Demand:**

- (a) Water customers are requested to voluntarily limit the irrigation of landscaped areas to Sundays and Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8), and Saturdays and Wednesdays for water customers with a street address ending in an odd number (1, 3, 5, 7 or 9), and to irrigate landscapes only between the hours of 5:00 a.m. and 6:00 a.m. and 8:00 p.m. to midnight on designated watering days.
- (b) Water customers are requested to practice water conservation and to minimize or discontinue water use for non-essential purposes such as ornamental fountains, washing down of sidewalks or hard surface areas.
- (c) All restaurants are requested to serve water to patrons only upon request.
- (d) Water customers are requested to not irrigate during rain or within 48 hours after measurable rainfall.
- (e) Hotels/Motels are requested to provide guests the option of not having towels and linens laundered daily.

#### **Notification Method(s) and Frequency:**

Methods: 1 and 4 (via monthly bills) – Permanent website, monthly outreach

#### **Agencies Contacted:**

Contact communities and ski resorts to align potential future actions.

## Stage 2 Response – WARNING Water Shortage Conditions

**Target: Achieve a 25% reduction in total monthly water usage.**

### Best Management Practices for Supply Management:

- (a) Continue to organize and ensure joint messaging and aligned actions between communities/ski resorts served by the District.
- (b) Verify CalWARN membership is active and in good standing.
- (c) Identify potential long-term mitigation strategies.

### Mandatory Water Use Restrictions for Reducing Demand:

- (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 5:00 a.m. and 6:00 a.m. and 8:00 p.m. to midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a filled bucket or watering can of five (5) gallons or less.
- (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 5:00 a.m. and 6:00 a.m. and 6:00 p.m. to 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 rinses. Vehicle washing may be done at any time on the immediate premises of a commercial car wash or commercial service station that utilizes internally recycled water. Further, such washing may be exempted from these regulations if the health, safety, and welfare of the public is contingent upon frequent vehicle cleansing, such as garbage trucks and vehicles used to transport food and perishables.
- (c) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited except on designated watering days between the hours of 5:00 a.m. and 6:00 a.m. and 6:00 p.m. to midnight.
- (d) Operation of any ornamental fountain or pond for aesthetic or scenic purposes is prohibited except where necessary to support aquatic life.
- (e) The following uses of water are defined as non-essential and are prohibited:

- i. washdown of any sidewalks, walkways, unless being performed by a County or emergency response employee addressing a public health issue such as fecal waste removal, etc.;
- ii. washdown of driveways, parking lots, tennis courts, or other hard-surfaced areas;
- iii. use of water to wash down buildings or structures for purposes other than immediate fire protection;
- iv. use of water for dust control;
- v. flushing gutters or permitting water to run or accumulate in any gutter or street; and
- vi. failure to repair a controllable leak(s) within a reasonable period after having been given notice directing the repair of such leak(s).

Notification Method(s):

Methods: 1, 2, 3, and 4 (via bill and separate conservation flyer). At least monthly outreach.

Agencies Contacted:

Work with communities and ski resorts to align potential future actions. If Stage 2 is initiated within one month of Stage 1 between January and April of any given year, inform County Environmental Health and/or State Water Resources Control Board District Engineer of decreasing production and initiate feasibility evaluation for long-term mitigation strategies.

### **Stage 3 Response – ACUTE Water Shortage Conditions**

**Target: Achieve a 35% reduction in total weekly water usage.**

#### **Best Management Practices for Supply Management:**

- (a) Continue to organize and ensure joint messaging and aligned actions between communities/ski resorts served by the District. Joint public workshops may be appropriate for messaging.
- (b) Execute agreements to prepare engineering designs, cost estimates and estimated schedule for long-term mitigation strategy. Seek to evaluate if drought construction funding is available.

#### **Mandatory Water Use Restrictions for Reducing Demand:**

All requirements of Stage 2 shall remain in effect during Stage 3 with the following modifications:

- (a) Use of water from hydrants shall be limited to firefighting, related activities, or other activities necessary to maintain public health, safety, and welfare such as hauling water to domestic well residents. Designated fire hydrants for construction purposes may be allowed but require a special permit from DSPUD so that usages can be tracked and assessed.
- (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, that utilizes internally recycled water, or not in the immediate interest of public health, safety, and welfare is prohibited.
- (c) All restaurants are prohibited from serving water to patrons except upon request of the patron.

#### **Notification Method(s) and Frequency:**

Methods: 1, 2, 3 and 4 (via bill and separate conservation flyer). At least monthly outreach.



Agencies Contacted:

Continue to work with communities and ski resorts to align potential future actions. Continue to collaborate with County Environmental Health and/or State Water Resources Control Board District Engineer. Initiate planning for short-term alternative water scenarios and long-term mitigation strategies. Coordinate with County Public Health to consider needs of vulnerable persons registered with the County in the event drought conditions worsen.

**Stage 4 Response – CRITICAL Water Shortage Conditions**

**Target: Achieve a 45% percent reduction in total daily water usage.**

Best Management Practices for Supply Management:

- (a) Seek Board approval for long-term mitigation strategy and secure funding. Prepare necessary CEQA documentation.
- (b) Evaluate the feasibility of water transfers.

Mandatory Water Use Restrictions for Reducing Demand:

All requirements of Stage 2 and 3 shall remain in effect during Stage 4 with the following modifications:

- (a) Use of water to fill, refill, or add to any indoor or outdoor swimming pools, wading pools, or Jacuzzi-type pools is prohibited. The only exception is for the County public swimming pool during the months of June, July and August.
- (b) The use of water for construction purposes from designated fire hydrants under special permit is to be discontinued. Supplying residents with domestic wells may continue under special permits with CDPH certified potable water haulers.
- (c) Irrigation of landscaped areas with hose-end sprinklers or automatic irrigation systems shall be limited to Thursdays for customers with a street address ending in an even number (0, 2, 4, 6 or 8) 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 5:00 a.m. and 6:00 a.m. and 8:00 p.m. to midnight on designated watering days. However, irrigation of landscaped areas is permitted at any time if it is by means of a filled bucket or watering can of five (5) gallons or less.

Notification Method(s) and Frequency:

Methods: 1, 2, 3, 4 (via bill and separate conservation flyer), 5. At least weekly outreach through 2 or more methods.

Agencies Contacted:

Continue to work with communities and ski resorts to align potential future actions. Continue to collaborate with County Environmental Health and/or State Water Resources Control Board District Engineer. Continue coordinating with County Public Health to consider needs of vulnerable persons registered with the County should drought conditions worsen.

**Stage 5 Response – EMERGENCY Water Shortage Conditions**

**Target: Achieve a 55% percent reduction in total daily water usage.**

Best Management Practices for Supply Management:

- (a) Evaluate the feasibility of water transfers.
- (b) Identify other long-term mitigation strategies as needed.

Mandatory Water Use Restrictions for Reducing Demand:

All requirements of Stage 2, 3 and 4 shall remain in effect during Stage 5 except with the following modifications:

- (a) All outdoor irrigation is prohibited.
- (b) Swamp coolers are only permitted for use when temperatures exceed 85°F.

Notification Method(s) and Frequency:

Methods: 1, 2, 3, 4 (via bill and separate conservation flyer), 5. At least weekly outreach via three or more methods.

Agencies Contacted:

Weekly coordination and status updates to all agencies.

## **Stage 6 Response – CATASTROPHIC Water Shortage Conditions**

**Target: Achieve >55% reduction in total daily water usage or implement allocation plan requirements depending on situation.**

### Best Management Practices for Supply Management:

- (a) Initiate CATASTROPHIC Water Allocation Plan

### Mandatory Water Use Restrictions for Reducing Demand:

All requirements of Stage 5 shall remain in effect during Stage 6 and indoor conservation such as utilizing showers instead of baths, decreasing frequency of clothes washing and decreasing toilet flushing are further promoted.

### Notification Method(s) and Frequency:

Methods: 1, 2, 3, and 4 (via bill and separate conservation flyer). Daily communication. Methods 5 and 6 as appropriate.

### Agencies Contacted:

Daily or weekly coordination and status updates to all agencies, depending on the severity of the issue.

## **CATASTROPHIC Water Allocation Plan**

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

### **Single and MultiFamily Residential Customers**

In the event of a catastrophic water shortage, DSPUD will allocate to single- and multi-family residential customers sufficient water to meet minimum human health and safety demands. This allocation will be communicated to customers through the appropriate outreach and communication methods identified above.

Additional decreases for short-term emergency response to earthquakes, fires, etc. Any short-term decrease (defined as less than 72 hours) to the allocation to single- and multi-family customers will be determined by the General Manager along with provision for alternative water supplies for any period of water outage greater than 10 hours. Any conservation decreases, for greater than 72 hours, requires a properly noticed board meeting (regular or special) for public input and Board adoption.

## **Commercial Customers**

A monthly water allocation shall be established by the General Manager, or designee, for each nonresidential, non-industrial commercial water customer who uses water for processing purposes. The allocation to nonresidential, non-industrial commercial water customers shall be as follows: 40% of monthly water usage and no irrigation. All restaurants shall only provide water upon request, hotels must only wash linens upon exist of customers, and all commercial customers must post drought conservation messaging.

## **Industrial Customers**

DSPUD does not have industrial customers.

## **CATASTROPHIC Interim Replacement Water Supply for Water Outages**

In the event that water outages occur, the following is the plan to provide interim alternative water supply for customers to meet short-term public health needs. Longer-term hauling of water directly to the distribution storage tanks would be coordinated with the Office of Emergency Services and CalWARN as soon as possible if the wells and intertie continue to be inaccessible.

### Source of Alternative Water Supply:

Water will be hauled to DSPUD by one of the California Department of Public Health certified potable water haulers identified in this plan. Coordination will also be done with the State Water Resource Control Board's Division of Drinking Water and County Environmental Health on any chlorination and special water quality testing or noticing prior to serving hauled water.

### Distribution of Alternative Water Supply:

There will be up to two portable plastic 10,000-gallon storage tanks and pumps brought in to the DSPUD office located at 53823 Sherritt Lane in Soda Springs, California. Residents may come and fill up to 10 gallons of water per person per day<sup>1</sup>. Water will be provided free of charge and may not be sold by the person receiving the water to others, or used for any purposes other than human consumption, cooking or sanitation.

If water outages occur only in part of the distribution system, a similar but abridged version of the alternative water supply plan will be initiated to focus only

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<sup>1</sup> The World Health Organization (WHO) information on minimum water needs during humanitarian emergencies states that "15 liters per person per day should be provided as soon as possible, though in the immediate post-impact period, it may be necessary to limit treated water to a minimum of 7.5 liters per day per person."

WHO website: <https://www.who.int/teams/environment-climate-change-and-health/water-sanitation-and-health/environmental-health-in-emergencies/humanitarian-emergencies>

on those parts of the distribution that are impacted.

If bringing in water must occur and continue for a longer period of time, water will be shipped to the area on rail cars from a CalWARN mutual aid water supplier, and then hauled directly to the storage tanks and pumped into them. If necessary, boil water orders will be in place until the water quality is stabilized and the distribution system has been determined to be bacteriologically safe. While the boil water orders are in place, bottled water will continue to be provided to residents needing special assistance.

#### Public Notification Regarding Access to Alternative Water Supplies:

Methods: All methods (Methods 1-5) will be utilized to inform residents of the location of alternative water and sanitation access and availability of additional services for the elderly/disabled or those without transportation. American Red Cross may also be utilized to provide flyers to homes.

### **CATASTROPHIC Notification of Emergency Service Providers**

If adequate water supply will potentially become unavailable for fire response, public services, etc., then the following emergency providers will be notified as soon as possible to ensure that adequate planning, response and assistance may be provided:

**Local Fire Agency:** Shall be contacted immediately when any water outages are believed to be potentially imminent or is occurring in any part of the distribution system.

**State Water Resources Control Board and/or County Environmental Health:** The State Water Resources Control Board's Division of Drinking Water and the Nevada and/or Placer County Environmental Health shall be contacted when any water outage is believed to be potentially imminent or is occurring in the distribution system.

**County Office of Emergency Services:** The Nevada and/or Placer County Office of Emergency Services may be contacted when any water outage is believed to be potentially imminent or is occurring in the distribution system as the result of a natural disaster and/or additional County or State support is needed.

### **Section XI: Enforcement**

- (a) No person shall knowingly or intentionally allow the use of water from this water system for residential, commercial, industrial, agricultural, governmental, or any other purpose in a manner contrary to any provision of this Plan, or in an amount in excess of that permitted by the drought response stage in effect at the time pursuant to action taken by General Manager, or designee, in accordance with provisions of this Plan.

- (b) Any person, including a person classified as a water customer of the water system, 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 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.
- (c) If a person or persons is in violation of this Plan, DSPUD shall notify the person in writing, specifying the violation. Upon failure of the person or persons to cease or prevent further violation within five days, DSPUD shall provide a financial penalty of up to \$300 per day. Each day that one or more of the provisions in this Plan is violated shall constitute a separate offense.

## **Section XII: Variances**

The General Manager, or designee, may grant, in writing, a 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 water system within 5 days after the Plan or a particular drought response stage has been invoked. All petitions for variances shall be reviewed by the General Manager, or 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.

A decision on the variance request will be returned to the customer within no more than 5 business days.

While submittal of a variance is required, the following exemptions are pre-approved:

1. Use of a residential swamp cooler on days where the ambient temperature is greater than 80° F for residents that can demonstrate a medical need.
2. Use of water for the operation of a medical support device needed by a resident.

## **Appendix A: Water System Information**

DSPUD provides water to approximately 360 domestic water customers in the area of Donner Summit. DSPUD has a single source of supply for domestic water purposes, Lake Angela.

Annual consumptive demand for the District is approximately 203 acre-feet per year. The District also utilizes an additional 20 percent of raw water supply to backwash their water treatment plant in addition to the consumptive demand. Thus, the total existing demand is approximately 243 acre-feet per year. DSPUD has water rights to Lake Angela which allows the District to directly divert up to 1.54 cubic feet per second between November 1 through June 1 and divert up to 310 acre-feet to storage collected from November 1 through July 31.

DSPUD does not currently have an emergency intertie to assist with supply augmentation during drought or a natural disaster. However, the District is exploring the potential for an intertie with Sierra Lakes County Water District as of the writing of this Plan.