



ELDORADO AREA WATER & SANITATION DISTRICT

WATER RESTRICTIONS AND ALERT MANAGEMENT PLAN

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WATER RESTRICTIONS AND ALERT MANAGEMENT PLAN

➤ **PURPOSE**

The Eldorado Area Water & Sanitation District (EAWSD) is dedicated to properly managing its water resources, including conservation and, under limited supply conditions, the restriction of use by rate-paying customers. At all times, appropriate conservation measures should be practiced by all water users supplied by EAWSD. Whenever the potential for water shortages appears, or temporary limitations in water supply occurs, additional conservation measures or usage curtailments, including restrictions, must be enforced in order to maintain a safe and reliable supply to EAWSD constituents. The periods of restrictions are announced via alerts to EAWSD customers and the general public. This plan sets out the various stages of water alerts, the triggers for those alerts, and the measures, including restrictions on water use, that will be enforced during alert stages.

➤ **STAGE 0: NORMAL CONDITIONS**

CONDITIONS

Normal conditions exist for most years and most of the year even during droughts. At this stage of normal conditions, wells can sustain the water supply to meet customer demand, water levels in the tanks are kept to necessary levels, and no major infrastructure supply disruptions have occurred. Tables at the end of this document present guidelines for tank levels that may trigger Stage alerts, however, the General Manager or Board may direct a Stage Alert due to other factors.

CONSERVATION MEASURES

During Stage 0: Normal Conditions: Normal or typical effective conservation measures should be practiced by all. The General Manager may authorize metered water sales from District fire hydrants for specified amounts and purposes consistent with conservation practices. Penalties will be imposed for any unauthorized and unmetered water use from fire hydrants. Please refer to the water conservation web page of EAWSD for recommended conservation practices:

<http://www.eldoradowaterdistrict.com/conservation/index.php>

WATER CONSERVATION SURCHARGE — PER RESOLUTION N^o. 14-10-01

A water conservation surcharge will be imposed for water usage during the months of May through August as follows:

Residential customers using greater than 10,000 gallons per month, during the months of May through August, shall be charged a water conservation surcharge equal to 50%

of the applicable water use charges for water usage over 10,000 gallons (Tiers 4,5 and 6 charges).

Commercial customers shall be charged a water conservation surcharge equal to 50% of the water use charges for water usage over 200% of the monthly average usage for the previous months of October through April.

➤ **STAGE 1: GUARDED CONDITIONS**

CONDITIONS

Stage 1 will be put into effect when it appears that water supply may not be able to keep up with demand. Possible causes include, but are not limited to:

- One or more supply wells going off-line;
- Falling tank levels;
- Leaks or line breaks; or
- Unanticipated high demand.

Stage 1 may also be put into effect in anticipation of supply lagging demand, often occurring during drought periods or extended periods of exceptionally hot weather.

CONSERVATION MEASURES

In Stage 1, conservation measures beyond “Normal” are imposed, which include:

- A. Outdoor watering of non-food producing landscapes is restricted to one of the following two options of the customer’s choosing:
 - 1. ANY THREE WEEKDAYS (NO WEEKEND WATERING); OR
 - 2. TWO days per week including ONE weekend day as follows:
 - a) Odd-numbered house addresses on Tuesday and Saturday;
 - b) Even-numbered house addresses on Thursday and Sunday;
- B. No watering of lawns;
- C. No new in-ground planting of any trees or shrubs;
- D. No outdoor watering between 9:00 am and 6:00 pm;
- E. No washing of outdoor hard surfaces (e.g., driveways, patios, sidewalks);
- F. No washing of vehicles, including recreational vehicles or trailers; and
- G. No filling or adding water to pools or outdoor water features (e.g., fountains, ponds). Covered outdoor spa/hot tubs are allowed.
- H. No water use or sales from District fire hydrants, except in accordance with contract requirements for EAWSD contractors.

ENFORCEMENT

All Stage 1 conservation measures are MANDATORY.

PENALTIES

1st violation: Verbal warning - documented

2nd violation: Written notice of violation

3rd and subsequent violations: Water service turned off. Water service may only be turned on with written approval from the General Manager of EAWSD. All costs for reinstating service will be at prevailing District rates.

➤ **STAGE 2: SEVERE CONDITIONS**

CONDITIONS

Stage 2 will be declared when it is anticipated that supply will be insufficient to maintain appropriate levels of system function, generally when tank levels cannot be maintained above 60-70% full.

CONSERVATION MEASURES

All conservation measures specified in Stage 1 are in effect, with the following additions and modifications:

- A. Outdoor watering is restricted to ONE weekday per week, as follows:
 - 1. Odd-numbered house addresses on Tuesday OR Wednesday;
 - 2. Even-numbered house addresses on Thursday OR Friday;
- B. *No* new in-ground planting of any kinds of plants or vegetation;
- C. *No* filling or adding water to pools or outdoor water features (e.g., fountains, ponds) or to spa/hot tubs; and
- D. *No* water may be used for customer construction purposes.

ENFORCEMENT

All Stage 1 and 2 conservation measures are **MANDATORY**.

PENALTIES

1st violation: Written notice of violation

2nd and subsequent violations: Water service turned off. Water service may only be turned on with written approval from the General Manager of EAWSD. All costs for reinstating service will be at prevailing District rates.

➤ **EMERGENCY CONDITIONS**

CONDITIONS

Emergency Conditions may be declared when it has been determined by District officials that a situation exists that places the integrity of the system at risk.

CONSERVATION MEASURES

Emergency managers may impose whatever measures are necessary to maintain system integrity. Designated personnel, responsibilities, and implementation shall be as specified in the EAWSD Emergency Response Plan.

ENFORCEMENT

All Stage 1 and 2 conservation measures are MANDATORY during the declared Emergency Conditions, with the additional restriction that *NO* outdoor water use is allowed.

PENALTIES

Emergency managers may turn off water service with a single violation, if the emergency managers determine that such a violation compromises the integrity of the system. If the violation does not compromise the integrity of the system, penalties shall be as in Stage 2: Severe Conditions.

➤ ALERTS

Any change of Stage status shall be accompanied by alerts to the public. EAWSD shall issue the alerts, which shall include at least the following:

- ✓ Posting on the EAWSD web site @ <http://www.eldoradowaterdistrict.com>;
- ✓ Contacting the designee for each homeowners' association served wholly or in part by the District water system;
- ✓ Notification to the *Santa Fe New Mexican* and the *Albuquerque Journal North*;
- ✓ Notification to KSFR radio;
- ✓ Notification in the monthly billings;
- ✓ Posting at the Agora shopping center.

EAWSD will accept notification of possible violations from residents; however, no warnings or notices of violation shall be issued, nor any penalties imposed, unless District or Operations staff witness or document evidence of the violation.

➤ VARIANCES AND APPEALS

Any variance to the measures specified in this WAMP must be made in writing to the EAWSD Board. Variances can only be approved by a vote of the Board, and must be for good cause. If a variance is requested due to medical needs, the applicant must present verification of those needs from a licensed medical professional.

Water users may appeal any penalty to the EAWSD Board. Appeals may only be granted by a vote of the Board. Each appeal will be heard on its individual merits and any decision by the Board will be at its discretion.

**ELDORADO AREA WATER AND SANITATION DISTRICT
WAMP Guidelines for storage tank levels**

Summer Operation	Tank Level	Length of Time ¹	Well Run Time	Comments
Normal Operation	80 to 90 % full	7 consecutive days	60% or less Weekly	Holding tank levels at 90% is hard on pumps due to excessive cycling
Stage One Conservation	No More than 70%	7 consecutive days	Greater than 60% of the time	See note 1 below
Stage Two Conservation	No More than 50%	7 consecutive days	Greater than 60% of the time	See note 1 below

¹ Number of days that pumps run more than 60% of time to achieve related tank level, i.e. if the pumps run >60% of the time for 7 consecutive days and can achieve no more than 70% tank level, Stage One Conservation measures go into effect.

WAMP	Tank Capacity in Percent	Tank Capacity in Gallons	Full Tank Capacity
	100%	2,500,000	2,500,000
Normal Operation 80 to 90 %	80%	2,000,000	2,500,000
Stage One Conservation 70%	70%	1,750,000	2,500,000
Stage Two Conservation 50%	50%	1,250,000	2,500,000