

DIABLO WATER DISTRICT

REGULATION NO. 8

WATER-USE EFFICIENCY

Section I. Purpose

- A. The purpose of this regulation is to assure that all water furnished by the District is put to reasonable beneficial use, to prevent unreasonable use or waste of water, and to promote efficient use of water.

Section II. Prevention of Waste or Unreasonable Use

- A. Waste and unreasonable use is defined as the following activities:
1. Creating landscape irrigation runoff and overspray.
 2. Irrigating between the hours of 8am to 8pm.
 3. Irrigating within 48 hours of measurable rainfall (0.25” or more in a 24-hour period).
 4. Running water fountains and features that are non-recirculating.
 5. Using a hose without an automatic shut-off nozzle.
 6. Failing to fix a water leak on the customer side of the water meter.
- B. To ensure equitable treatment of all customers, the District will take a positive and proactive customer service approach to help customer resolve waste and unreasonable use actions.

C. The District shall have the right, following written notice, to impose upon any water service connection or landlord such conditions as the District determines to be necessary to prevent unreasonable use or waste of water. After each notification, the customer will be given 7 days to remedy the issue.

First written notification: Courtesy Letter - no penalty

Second written notification: Courtesy Letter - no penalty

Third written notification: \$25 penalty

Fourth written notification: \$50 penalty

Fifth written notification: \$100 penalty and installation of flow restrictor

Further actions: All users of water furnished by the District are required to take all reasonable actions to prevent the waste of water up to and including the termination of water service.

Section III. Indoor Water Efficiency Standards

A. The State of California has established regulatory requirements that the District must achieve regarding indoor water-use efficiency. The following are regulated limits that the District must achieve across all customers.

- January 1, 2021: 55 gallons per capita per day
- January 1, 2025: 52.5 gallon per capita per day
- January 1, 2030: 50 gallons per capita per day

All existing users of water furnished by the District are required to take all reasonable action to upgrade fixtures to current water-use efficiency standards. All new connections shall have fixtures that meet the efficiency requirements of this section, in addition to being an EPA WaterSense labeled product. In the event that CalGreen increases the water efficiency requirements per fixture, the new increased efficiency standard will supersede those listed here.

1. Residential:

- (a) Showerhead: not to exceed 1.8 gpm.
- (b) Lavatory faucet: not to exceed 1.2 gpm.
- (c) Kitchen faucet: not to exceed 1.8 gpm.
- (d) Toilets: not to exceed 1.28 gallons per flush.
- (e) Clothes washer: energy star certified.
- (f) Dishwasher: energy star certified.

2. Non-Residential:

- (g) Showerhead: not to exceed 1.8 gpm.
- (h) Lavatory faucet: not to exceed 0.4 gpm.
- (i) Kitchen faucet: not to exceed 1.5 gpm.
- (j) Metering faucets: not to exceed 0.2 gallons per cycle.
- (k) Gravity toilets: not to exceed 1.2 gallons per flush.
- (l) Flushometer style toilets: not to exceed 1.28 gallons per flush.

(m) Clothes washer: energy star certified.

(n) Dishwasher: energy star certified.

Section IV. Outdoor Water Efficiency Standards

A. The State of California is creating regulatory requirements that the District must achieve regarding outdoor water-use efficiency. The following are outdoor water-use limits for potable water customers.

1. Existing Landscapes Water Budgets:

Calculation in gallons:

Evapotranspiration x Adjustment Factor x irrigated area x 0.62

(a) Adjustment Factor January 1, 2021: 70% of Evapotranspiration for irrigated areas.

(b) Adjustment Factor January 1, 2025: 65% of Evapotranspiration for irrigated areas.

(c) Adjustment Factor January 1, 2030: 60% of Evapotranspiration for irrigated areas.

2. New Landscapes:

(d) Plant selection, irrigation design, water budgets, inspections, etc. shall be in compliance with the most recent version of the State's Model Water Efficient Landscape Ordinance (MWELo).

(e) In addition to the MWELo and in support of eliminating non-functional turf, the District further

prohibits the installation of new turf in areas less than 10ft in width or length.

- (f) District will coordinate with the Association of California Water Agencies, and other trade organizations, to work with the California State Legislature to implement a state-wide, non-functional turf prohibition.
- (g) Further, the District will also work with local land use authorities to implement a non-functional turf prohibition.
- (h) All eligible products must be EPA WaterSense labeled.
- (i) The District reserves the right to be the local agency responsible for the implementation of MWELO.

Section V. Water-Use Efficiency Measures of the District

- A. The District shall pursue at all times a customer focused program for the efficient use of water.
- B. All water use shall be metered.
- C. Perform annual water audits compliant with state regulations.
- D. Coordinate with local school districts in providing educational information and/or programs on efficient water use.

- E. Make available at the District's office, website, social media, public library and other public places, educational materials regarding water-use efficiency and related benefits.

Section VI. Water Rates

- A. To encourage water-use efficiency and further discourage the waste and unreasonable use of water, the District shall utilize a cost-based, Prop 218 compliant water rate structure.