

## **Appendix J: Tariff Rule 14.1 Water Conservation and Rationing Plan, and Local Conservation Ordinances**

- Tariff Rule and Schedule 14.1
- Livermore Landscape Ordinance
- Livermore Municipal Code Conservation Ordinance
- Livermore Municipal Code Drought Ordinance

**Rule No. 14.1**  
**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**A. APPLICABILITY**

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1. This schedule applies to all of California Water Service's regulated ratemaking areas in California, as well as Grand Oaks Water.

**B. GENERAL INFORMATION**

1. All expenses incurred by utility to implement Rule 14.1, and Schedule 14.1, and requirements of the California State Water Resources Control Board ("Water Board") that have not been considered in a General Rate Case or other proceeding shall be accumulated by Cal Water in a separate memorandum account, authorized in Resolution W-4976, for disposition as directed or authorized from time to time by the Commission.
2. To the extent that a Stage of Mandatory Water Use Restrictions in Schedule 14.1 has been activated, and a provision in this Rule is inconsistent with the activated Stage in Schedule 14.1, the provisions of Schedule 14.1 apply.

**C. DEFINITIONS**

For the purposes of this Rule, the following terms have the meanings set forth in this section.

1. "Commercial nursery" means the use of land, buildings or structures for the growing and/or storing of flowers, fruit trees, ornamental trees, vegetable plants, shrubs, trees and similar vegetation for the purpose of transplanting, for use as stock or grafting, and includes the retail sale or wholesale distribution of such items directly from the premises/lot.
2. "Drip irrigation system" means a non-spray, low-pressure, and low volume irrigation system utilizing emission devices with a precipitation or flow rate measured in gallons per hour (GPH), designed to slowly apply small volumes of water at or near the root zone of plants or other landscaping.
3. "Flow rate" means the rate at which water flows through pipes, valves, and emission devices, measured in gallons per minute (GPM), gallons per hour (GPH), inches per hour (IPH), hundred cubic feet (Ccf), or cubic feet per second (CFS).
4. "Flow-restricting device" means valves, orifices, or other devices that reduce the flow of potable water through a service line, which are capable of passing a minimum of 3 Ccf per person, per month, based upon the U.S. Census calculation of the average number of people in a household in the area.
5. "High-efficiency sprinkler systems" means an irrigation system with emission devices, such as sprinkler heads or nozzles, with a precipitation or flow rate no greater than one IPH.
6. "Irrigation" means the application of potable water by artificial means to landscape.
7. "Irrigation system" means the components of a system meant to apply water to an area for the purpose of irrigation, including, but not limited to, piping, fittings, sprinkler heads or nozzles, drip tubing, valves, and control wiring.
8. "Landscape" means all of the outdoor planting areas, turf areas, and water features at a particular location.
9. "Measureable rainfall" means any amount of precipitation of more than one-tenth of an inch (0.1").
10. "Micro spray irrigation system" means a low-pressure, low-volume irrigation system utilizing emission devices that spray, mist, sprinkle, or drip with a precipitation or flow rate measured in GPH, designed to slowly apply small volumes of water to a specific area.

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**C. DEFINITIONS (Continued)**

11. "Ornamental landscape" means shrubs, bushes, flowers, ground cover, turf, lawns, and grass planted for the purpose of improving the aesthetic appearance of property, but does not include crops or other agricultural products or special landscape areas.
12. "Ornamental turf" means a ground cover surface of grass that can be mowed and is planted for the purpose of improving the aesthetic appearance of the property, but does not include crops or other agricultural products or special landscape areas.
13. "Plumbing fixture" means a receptacle or device that is connected to a water supply system, including, but not limited to, pipes, toilets, urinals, showerheads, faucets, washing machines, water heaters, tubs, and dishwashers.
14. "Potable water" means water supplied by Cal Water which conforms to the federal and state standards for human consumption.
15. "Properly programmed" means a smart irrigation controller that has been programmed according to the manufacturer's instructions and site-specific conditions.
16. "Real-time water measurement device" means a device or system that provides regularly updated electronic information regarding the customer's water use.
17. "Runoff" means water which is not absorbed by the soil or landscape to which it is applied and flows from the landscape onto other areas.
18. "Smart irrigation controller" means an automatic device used to remotely control valves that operate an irrigation system that has been tested by an American National Standards Institute accredited third-party certifying body or laboratory in accordance with the Environmental Protection Agency's WaterSense program (or an analogous successor program), and certified by such body or laboratory as meeting the performance and efficiency requirements of such program, or the more stringent performance and efficiency requirements of another similar program.
19. "Special landscape area" means an area of the landscape dedicated solely to edible plants and areas dedicated to active play such as parks, sports fields, golf courses, and where turf provides a playing surface.
20. "Turf" means a ground cover surface of grass that can be mowed.
21. "Water feature" means a design element where open, artificially supplied water performs an aesthetic or recreation feature, including, but not limited to, ponds, lakes, waterfalls, fountains, and streams.
22. "Water use evaluation" means an evaluation of the efficiency of indoor water-using devices, including, but not limited to, measurement of flow rates for all existing showerheads, faucets, and toilets, inspection for leaks, and providing written recommendations to improve the efficiency of the indoor water-using fixtures and devices and/or an evaluation of the performance of an irrigation system, including, but not limited to, inspection for leaks, reporting of overspray or runoff, and providing written recommendations to improve the performance of the irrigation system.

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**D. ENFORCEMENT**

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Each Stage of this Rule establishes certain restrictions on the use of potable water. Violating the restrictions set forth in a particular Stage while it is in effect is declared a non-essential, wasteful use of potable water. Subject to the schedule and conditions outlined below, Cal Water is authorized to install a flow-restricting device on the service line of any customer when its personnel verify a customer is using potable water for non-essential, wasteful uses. No person shall have any right or claim in law or in equity, against Cal Water because of, or as a result of, any matter or thing done or threatened to be done pursuant to the restrictions on using potable water for non-essential, wasteful uses.

1. FIRST VIOLATION: Cal Water shall provide the customer with a written notice of violation.
2. SECOND VIOLATION: If Cal Water verifies that the customer has used potable water for non-essential, wasteful uses after having been notified of the first violation, Cal Water shall provide the customer with a second written notice of violation and is authorized to install a flow-restricting device on the customer's service line. Cal Water shall not be held liable for any injuries, damages, and/or consequences arising from the installation of a flow restricting device.
3. NOTICES OF VIOLATION:
  - A. Written notices of violation provided to customers pursuant to this Rule shall document the verified violation and alert the customer to the fact that future violations of the restricted uses of potable water may result in the installation of a flow-restricting device on the customer's service line or the discontinuation of the customer's service.
  - B. If Cal Water elects to install a flow-restricting device on a customer's service line, the written notice of violation shall explain that a flow-restricting device has or will be installed on the customer's service line, document the steps the customer must take in order for the flow-restricting device to be removed, and explain that after the flow-restricting device is removed, it may be reinstalled, without further notice, if the customer is again verified by Cal Water's personnel to be using potable water for non-essential, wasteful uses.
4. FLOW RESTRICTING DEVICE CONDITIONS: The installation of a flow-restricting device on a customer's service line is subject to the following conditions:
  - a. The device shall be capable of providing the premise with a minimum of 3 Ccf per person, per month, based upon the U.S. Census calculation of the average number of people in a household in the area.
  - b. The device may only be removed by Cal Water, and only after a minimum three-day period has elapsed.
  - c. Any tampering with the device may result in the discontinuation of the customer's water service and the customer being charged for any damage to Cal Water's equipment or facilities and any required service visits.

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**D. ENFORCEMENT (Continued)**

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d. After the removal of the device, if Cal Water verifies that the customer is using potable water for non-essential, wasteful uses, Cal Water may install another flow-restricting device without prior notice. This device may remain in place until water supply conditions warrant its removal. If, despite the installation of the device, Cal Water verifies that the customer is using potable water for non-essential and, unauthorized wasteful uses, then Cal Water may discontinue the customer's water service, as provided in its Rule No. 11.

5. FLOW-RESTRICTING DEVICE REMOVAL CHARGES: The charge to customers for removal of a flow-restricting device installed pursuant to this Rule is \$100 during normal business hours, and \$150 for the device to be removed outside of normal business hours.

**E. WASTEFUL USES OF WATER**

Except where necessary to address an immediate health or safety need or to comply with a term or condition in a permit issued by a state or federal agency, customers are prohibited, at all times, from using potable water for the following actions, as each is declared a non-essential, wasteful use of water:

1. Use of potable water through a broken or defective plumbing fixture or irrigation system when Cal Water has notified the customer in writing to repair the broken or defective plumbing fixture or irrigation system, and the customer has failed to effect such repairs within seven (7) business days of receipt of such notice;
2. The application of potable water to landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;
3. The use of a hose that dispenses potable water to wash vehicles, including cars, trucks, buses, boats, aircraft, and trailers, whether motorized or not, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use.

**F. MANDATORY STAGED RESTRICTIONS OF WATER USE**

1. ADOPTION OF STAGED MANDATORY RESTRICTIONS: Cal Water may implement the following staged mandatory restrictions of water use, after notifying the Director of the Commission's Division of Water and Audits (DWA), by a Tier 1 advice letter in both hard-copy and emailed formats, of Cal Water's intent to implement a particular stage, if:
  - a. Water supplies are projected to be insufficient to meet normal customer demand by Cal Water; or
  - b. A water supply shortage or threatened shortage exists; or
  - c. Water supplies are curtailed by a wholesale water supplier; or
  - d. Directed to do so under a duly adopted emergency regulation by the Commission or other authorized government agencies.

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**F. MANDATORY STAGED RESTRICTIONS OF WATER USE (Continued)**

2. **PUBLIC NOTICE:** Thirty (30) days prior to implementing a mandatory staged reduction in water use in this Rule, Cal Water shall notify its customer of the requirements of the particular stage implemented by Cal Water by bill insert, direct mailing, email, or bill message directing the customer to additional information on Cal Water's website.
3. **STAGE 1 WATER SHORTAGE:** A Stage 1 Water Shortage occurs when Cal Water, the Commission, a wholesale water supplier, or other authorized government agency determines that measures are needed to reduce water consumption by customers served by public water suppliers. In addition to the prohibitions outlined in **Section E**, the following restrictions may be imposed by Cal Water, except where necessary to address an immediate health or safety need or to comply with a term or condition in a permit issued by a state or federal agency:
  - a. Outdoor Irrigation Restrictions (Stage 1)
    - i. Irrigating ornamental landscapes with potable water is limited to no more than **three (3) days** per week, on a schedule established and posted by Cal Water on its website or otherwise provided to customers by bill message, bill insert, direct mail, or email, or as follows:
      1. Customers with even-numbered addresses may irrigate on Saturdays, Tuesdays, and Thursdays.
      2. Customers with odd-numbered addresses may irrigate on Sundays, Wednesdays, and Fridays.
      3. Customers without a street address may irrigate on Saturdays, Tuesdays, and Thursdays.
      4. Notwithstanding the foregoing restrictions, irrigation of special landscape areas or commercial nurseries may occur as needed, provided that the customer who wishes to irrigate a special landscape area or commercial nursery presents Cal Water with a plan to achieve water use reductions commensurate with those that would be achieved by complying with foregoing restrictions.
      5. Notwithstanding the foregoing restrictions, when a city, county, or other local public agency in one of Cal Water's service areas duly adopts restrictions on the number of days or hours of the day that customers may irrigate which are different than those adopted by Cal Water, Cal Water may enforce the city, county, or other local public agency's restrictions.
    - ii. Irrigating ornamental landscape with potable water is prohibited during the hours between **8:00 a.m. and 6:00 p.m.**
    - iii. The foregoing restrictions do **not** apply to:
      1. Landscape irrigation zones that exclusively use drip irrigation systems and/or micro spray irrigation system;

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**F. MANDATORY STAGED RESTRICTIONS OF WATER USE (Continued)**

[Stage 1 (cont.)]

2. Irrigating ornamental landscapes with the use of a hand-held bucket or similar container, with a continuously monitored hose which is fitted with an automatic shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use or monitored, or for the express purpose of adjusting or repairing an irrigation system.
- b. **Obligation to Fix Leaks, Breaks or Malfunctions:** All leaks, breaks, or other malfunctions in the customer's plumbing fixture(s) or irrigation system(s) must be repaired within **five (5) business days** of written notification by Cal Water, unless other arrangements are made with Cal Water.
- c. **Prohibited Uses of Water:** Customers are prohibited from using potable water for the following actions:
  - i. The application of potable water to driveways and sidewalks;
  - ii. The use of potable water in a water feature, except where the water is part of a recirculating system;
  - iii. The application of potable water to outdoor landscapes during and within forty-eight (48) hours after measurable rainfall.
- d. Other duly adopted restrictions on the use potable water as prescribed from time to time by the Commission or other authorized government agencies are incorporated herein by reference.
4. **STAGE 2 WATER SHORTAGE:** A Stage 2 Water Shortage occurs when the Stage 1 Water Shortage restrictions are deemed insufficient to achieve identified water use goals established by Cal Water, the Commission, a wholesale water supplier, or other authorized government agency. In addition to the prohibited wasteful water use practices listed in Section D, the following restrictions may be imposed by Cal Water, except where necessary to address an immediate health or safety need or to comply with a term or condition in a permit issued by a state or federal agency. Differences from or additions to the previous Stage are underlined.
  - a. **Outdoor Irrigation Restrictions (Stage 2)**
    - i. Irrigating ornamental landscapes with potable water is limited to no more than **three (3) days** per week, on a schedule established and posted by Cal Water on its website or otherwise provided to customers by bill message, bill insert, direct mail, or email, or as follows:
      1. Customers with even-numbered addresses may irrigate on Saturdays, Tuesdays, and Thursdays.
      2. Customers with odd-numbered addresses may irrigate on Sundays, Wednesdays, and Fridays.

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**F. MANDATORY STAGED RESTRICTIONS OF WATER USE (Continued)**

[Stage 2 (cont.)]

3. Customers without a street address may irrigate on Saturdays, Tuesdays, and Thursdays.
  4. Notwithstanding the foregoing restrictions, irrigation of special landscape areas or commercial nurseries may occur as needed, provided that the customer who wishes to irrigate a special landscape area or commercial nursery presents Cal Water with a plan to achieve water use reductions commensurate with those that would be achieved by complying with foregoing restrictions.
  5. Notwithstanding the foregoing restrictions, when a city, county, or other public agency in one of Cal Water's service areas duly adopts restrictions on the number of days or hours of the day that customers may irrigate which are different than those adopted by Cal Water, Cal Water may enforce the city, county, or other local public agency's restrictions.
- ii. Irrigating ornamental landscape with potable water is prohibited during the hours between **8:00 a.m. and 6:00 p.m.**
  - iii. The foregoing restrictions do **not** apply to:
    1. Landscape irrigation zones that exclusively use drip irrigation systems and/or micro spray irrigation system;
    2. Irrigating ornamental landscapes with the use of a hand-held bucket or similar container, a continuously monitored hose which is fitted with an automatic shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use or monitored, or for the express purpose of adjusting or repairing an irrigation system.
  - b. **Obligation to Fix Leaks, Breaks or Malfunctions:** All leaks, breaks, or other malfunctions in the customer's plumbing fixture(s) or irrigation system(s) must be repaired within **three (3) business days** of written notification by Cal Water, unless other arrangements are made with Cal Water.
  - c. **Prohibited Uses of Water:** Customers are prohibited from using potable water for the following actions:
    - i. The application of potable water to driveways and sidewalks;
    - ii. The use of potable water in a water feature, except where the water is part of a recirculating system;
    - iii. The application of potable water to outdoor landscapes during and within forty-eight (48) hours after measurable rainfall;
    - iv. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**F. MANDATORY STAGED RESTRICTIONS OF WATER USE (Continued)**

[Stage 2 (cont.)]

- v. Irrigation of ornamental landscape on public street medians;
  - vi. Irrigation outside of newly constructed homes and buildings with potable water in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.
  - d. Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guest room using clear and easily understood language.
  - e. Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds with potable water is prohibited, 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 the implementation of any staged mandatory restrictions of water use as described in this Rule.
  - f. Other duly adopted restrictions on the use of potable water as prescribed from time to time by the Commission or other authorized government agencies are incorporated herein by reference.
5. STAGE 3 WATER SHORTAGE: A Stage 3 Water Shortage occurs when the Stage 2 Water Shortage restrictions are deemed insufficient to achieve identified water use goals established by Cal Water, the Commission, a wholesale water supplier, or other authorized government agency. In addition to the prohibited wasteful water use practices listed in Section D, the following restrictions may be imposed by Cal Water, except where necessary to address an immediate health or safety need or to comply with a term or condition in a permit issued by a state or federal agency. Differences from or additions to the previous Stages are underlined.
- a. Outdoor Irrigation Restrictions
    - i. Irrigating ornamental landscapes with potable water is limited to no more than **two (2) days** per week, on a schedule established and posted by Cal Water on its website or otherwise provided to customers by bill message, bill insert, direct mail, or email, or as follows:
      - 1. Customers with even-numbered addresses may irrigate on Saturdays and Tuesdays (previous Stages allowed Thursdays as well).
      - 2. Customers with odd-numbered addresses may irrigate on Sundays and Wednesdays (previous Stages allowed Fridays as well).
      - 3. Customers without a street address may irrigate on Saturdays and Tuesdays (previous Stages allowed Thursdays as well).

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**F. MANDATORY STAGED RESTRICTIONS OF WATER USE (Continued)**

[Stage 3 (cont.)]

4. Notwithstanding the foregoing restrictions, irrigation of special landscape areas or commercial nurseries may occur as needed, provided that the customer who wishes to irrigate a special landscape area or commercial nursery presents Cal Water with a plan to achieve water use reductions commensurate with those that would be achieved by complying with foregoing restrictions.
5. Notwithstanding the foregoing restrictions, when a city, county, or other local public agency in one of Cal Water's service areas duly adopts restrictions on the number of days or hours of the day that customers may irrigate which are different than those adopted by Cal Water, Cal Water may enforce the city, county, or other local public agency's restrictions.
- ii. Irrigating ornamental landscape with potable water is prohibited during the hours between **8:00 a.m. and 6:00 p.m.**
- iii. The foregoing restrictions do **not** apply to:
  1. Landscape irrigation zones that exclusively use drip irrigation systems and/or micro spray irrigation system;
  2. Irrigating ornamental landscapes with the use of a hand-held bucket or similar container, a continuously monitored hose which is fitted with an automatic shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use or monitored, or for the express purpose of adjusting or repairing an irrigation system.
- b. **Obligation to Fix Leaks, Breaks or Malfunctions:** All leaks, breaks, or other malfunctions in the customer's plumbing fixtures and/or irrigation system must be repaired within **two (2) business days** of written notification by Cal Water, unless other arrangements are made with Cal Water.
- c. **Prohibited Uses of Water:** Customers are prohibited from using potable water for the following actions:
  - i. The application of potable water to driveways and sidewalks;
  - ii. The use of potable water in a water feature, except where the water is part of a recirculating system;
  - iii. The application of potable water to outdoor landscapes during and within forty-eight (48) hours after measurable rainfall;
  - iv. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
  - v. Irrigation of ornamental turf on public street medians;
  - vi. Irrigation outside of newly constructed homes and buildings with potable water in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.
  - vii. Use of potable water for street cleaning with trucks, except for initial wash-down for construction purposes (if street sweeping is not feasible);

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**F. MANDATORY STAGED RESTRICTIONS OF WATER USE (Continued)**

[Stage 3 (cont.)]

- viii. Use of potable water for construction purposes, such as consolidation of backfill, dust control, or other uses unless no other source of water or other method can be used.
- d. Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guest room using clear and easily understood language.
- e. Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds with potable water is prohibited, 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 the implementation of any staged mandatory restrictions of water use as described in this Rule.
- f. Other duly adopted restrictions on the use of potable water as prescribed from time to time by the Commission or other authorized government agencies are incorporated herein by reference.
6. STAGE 4 WATER SHORTAGE: A Stage 4 Water Shortage occurs when the Stage 3 Water Shortage restrictions are deemed insufficient to achieve identified water use goals established by Cal Water, the Commission, a wholesale water supplier, or other authorized government agency. In addition to the prohibited wasteful water use practices listed in Section D, the following restrictions may be imposed by Cal Water, except where necessary to address an immediate health or safety need or to comply with a term or condition in a permit issued by a state or federal agency. Differences from or additions to the previous Stage are underlined.
- a. Irrigating ornamental landscape with potable water is prohibited, except when a hand-held bucket or a similar container, or a continuously monitored hose which is fitted with an automatic shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use or monitored is used to maintain vegetation, including trees and shrubs.
- b. Obligation to Fix Leaks, Breaks or Malfunctions: All leaks, breaks, or other malfunctions in the customer's plumbing fixtures or irrigation system must be repaired within **one (1) business day** of written notification by Cal Water, unless other arrangements are made with Cal Water.

**Prohibited Uses of Water:** Customers are prohibited from using potable water for the following actions:

- i. The application of potable water to driveways and sidewalks;
- ii. The use of potable water in a water feature, except where the water is part of a recirculating system;
- iii. The application of potable water to outdoor landscapes during and within forty-eight (48) hours after measurable rainfall;

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**WATER SHORTAGE CONTINGENCY PLAN (continued)**

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**F. MANDATORY STAGED RESTRICTIONS OF WATER USE (Continued)**

[Stage 4 (cont.)]

- iv. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;

[Note that items previously identified as (v) and (vi) in Stage 3 have been eliminated.]

- v. Use of potable water for street cleaning with trucks (the previous Stage allowed certain exceptions);
- vi. Use of potable water for construction purposes, such as consolidation of backfill, dust control, or other uses (the previous Stage allowed certain exceptions).
- c. Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guest room using clear and easily understood language.
- d. Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds with potable water is prohibited, 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 the implementation of any staged mandatory restrictions of water use as described in this Rule.
- f. Other duly adopted restrictions on the use of utility-supplied potable water as prescribed from time to time by the Commission or other authorized government agencies, commissions, or officials are incorporated herein by reference.

**G. ADOPTION OF STAGED MANDATORY WATER USE REDUCTIONS (for Schedule 14.1)**

1. ADDITION OF SCHEDULE 14.1: If, in the opinion of Cal Water, more stringent water conservation measures are required due to supply conditions or government directive, Cal Water may request the addition of a Schedule No. 14.1 – Staged Mandatory Water Use Reductions, via a Tier 2 advice letter.

- A. Cal Water may not activate Schedule No. 14.1 until it has been authorized to do so by the California Public Utilities Commission, as delegated to its Division of Water and Audits.
- B. A Schedule No. 14.1 that has been authorized by the California Public Utilities Commission shall remain dormant until triggered by specific conditions detailed in the Schedule 14.1 tariff and Cal Water has requested and received authorization for activating a stage by the California Public Utilities Commission.

(continued)

( N )

(To be inserted by utility)  
Advice Letter No. 2167-A  
Decision No. -

Issued by  
PAUL G. TOWNSLEY  
NAME  
Vice President  
TITLE

(To be inserted by Cal. P.U.C.)  
Date Filed \_\_\_\_\_  
Effective \_\_\_\_\_  
Resolution No. \_\_\_\_\_

**Rule No. 14.1**

( N )

**WATER SHORTAGE CONTINGENCY PLAN (continued)**

(Page 12)

**G. ADOPTION OF STAGED MANDATORY WATER USE REDUCTIONS (for Schedule 14.1) (continued)**

- c. Notice of the Tier 2 advice letter and associated public participation hearing, if required, shall be provided to customers through a bill insert or a direct mailing, as set forth in Subsection 5 (Public Notice) below.
  - d. Cal Water shall comply with all requirements of Sections 350-358 of the California Water Code.
  - e. The Tier 2 advice letter requesting the addition of a Schedule No. 14.1 shall include, but not be limited to:
    - i. A proposed Schedule No. 14.1 tariff, which shall include but not be limited to:
      - 1. Applicability,
      - 2. Territory applicable to,
      - 3. A detailed description of each stage of water budgets (the number of stages requested for a ratemaking area may vary depending on the specifics of the water shortage event),
      - 4. A detailed description of the trigger(s) that activates each stage of water budgets,
      - 5. A detailed description of each water use restriction for each stage of water budgets,
      - 6. Water use violation levels, written warning levels, associated fines, if applicable, and exception procedures,
      - 7. Conditions for installation of a flow restrictor,
      - 8. Charges for removal of flow restrictors, and
      - 9. Special conditions
    - ii. Justification for, and documentation and calculations in support of the water budgets.
2. Conditions for Activating Schedule No. 14.1: Cal Water may file a Tier 1 advice letter to request activation of a particular stage of its Schedule No. 14.1 tariff if:
- a. Cal Water, the California Public Utilities Commission, wholesale water supplier, or other government agency declares an emergency requiring mandatory water budgets, mandatory water rationing, or mandatory water allocations; or
  - b. A government agency declares a state of emergency in response to severe drought conditions, earthquake or other catastrophic event that severely reduces Cal Water's water supply; or
  - c. Cal Water is unable to achieve water conservation targets set by itself; or
  - d. Water conservation targets set by itself or a governing agency are insufficient; or
  - e. Cal Water chooses to subsequently activate a different stage of its Schedule No. 14.1 tariff.

(continued)

(To be inserted by utility)

Advice Letter No. 2167-A

Decision No. -

Issued by

PAUL G. TOWNSLEY

NAME

Vice President

TITLE

(To be inserted by Cal. P.U.C.)

Date Filed \_\_\_\_\_

Effective \_\_\_\_\_

Resolution No. \_\_\_\_\_

**Rule No. 14.1**

(N)

**WATER SHORTAGE CONTINGENCY PLAN (continued)**

(Page 13)

**G. ADOPTION OF STAGED MANDATORY WATER USE REDUCTIONS (for Schedule 14.1) (continued)**

- a. Include, but not be limited to, a justification for activating the particular stage of mandatory water use reductions, as well as the period during which the particular stage will be in effect.
  - b. Be accompanied by the customer notification measures detailed in sub-section 5 (Public Notice) below.
4. De-Activating Schedule No. 14.1: When Schedule No. 14.1 is activated and Cal Water determines that water supplies are again sufficient to meet normal demands, and mandatory water use reductions are no longer necessary, Cal Water shall seek the approval of the California Public Utilities Commission, via a Tier 1 advice letter, to deactivate the particular stage of mandatory water use reductions that had been authorized.
5. Public Notice
- a. When Cal Water requests the addition of a Schedule 14.1 – Staged Mandatory Water Use Reductions Tariff, via a Tier 2 advice letter, it shall provide notice of the Tier 2 advice letter and associated public hearing provided to customers through bill inserts or direct mailing, and it shall comply with all requirements of Sections 350-358 of the California Water Code (CWC), including but not limited to the following:
    - i. In order to be in compliance with both the General Order 96-B and CWC, notice shall be provided via both newspaper and bill insert/direct mailing.
    - ii. One notice shall be provided for each advice letter filed, that includes both notice of the filing of the Tier 2 advice letter as well as the details of the public hearing (date, time, place, etc.).
    - iii. The public meeting shall be held after the Tier 2 advice letter is filed, and before the Commission authorizes the addition of Schedule 14.1 to the tariff except in cases of emergency water shortages approved by DWA.
    - iv. Cal Water shall consult with Division of Water and Audits staff prior to filing advice letter, in order to determine details of public meeting.
  - b. In the event that Schedule No. 14.1- Staged Mandatory Water Use Reductions Tariff is triggered, and Cal Water requests activation through the filing of a Tier 1 advice letter, Cal Water shall notify its customers and provide each customer with a summary of Schedule No. 14.1 by means of bill insert or direct mailing. Notification shall take place prior to imposing any penalties associated with this plan. If activation of Schedule No. 14.1 occurs one year or more since the public hearing associated with adding Schedule 14.1 to its tariffs, then Cal Water shall conduct a public hearing pursuant to California Water Code Section 351 prior to activating a stage of its Mandatory Water Use Reduction Tariff.
  - c. During the period that a stage of Schedule No. 14.1 is activated, Cal Water shall provide customers with updates in at least every other bill, regarding its water supply status and the results of customers' conservation efforts.

(N)

[end]

(To be inserted by utility)

Advice Letter No. 2167-A

Decision No. -

Issued by

PAUL G. TOWNSLEY

NAME

Vice President

TITLE

(To be inserted by Cal. P.U.C.)

Date Filed \_\_\_\_\_

Effective \_\_\_\_\_

Resolution No. \_\_\_\_\_



**CALIFORNIA WATER SERVICE COMPANY**  
1720 NORTH FIRST STREET  
SAN JOSE, CA 95112 • (408) 367-8200 • F (408) 367-8428

May 27, 2015

**Advice Letter No. 2168-A**

**CALIFORNIA WATER SERVICE COMPANY (U 60 W)**

To The Public Utilities Commission of the State of California:

California Water Service Company ("Cal Water") hereby transmits for filing the following changes in its tariffs:

New/Revised C.P.U.C. Sheet No.	Title of Sheet	Schedule No.	Cancelling C.P.U.C. Sheet No.
xxxxx-W	Schedule No. 14.1 (Pages 1 – 14)	Not Applicable	xxxxx-W
xxxxx-W	Table of Contents (Page 1)	Not Applicable	xxxxx-W
xxxxx-W	Table of Contents (Page2)	Not Applicable	xxxxx-W

**Summary**

Via this Tier 2 advice letter, Cal Water requests Commission approval to add Schedule 14.1, which contains the Staged Mandatory Reductions and Drought Surcharges associated with its Water Shortage Contingency Plan. This filing is consistent with Resolution W-5034, adopted by the Commission on April 9, 2015, ordering compliance with requirements of the State Water Resources Control Board. Cal Water requests an effective date of **June 1, 2015**.

**This supplement to AL 2168 makes several changes to the language in the originally-proposed Schedule 14.1, some of which correct typographical and formatting errors, and some of which are substantive, as discussed below.**

**Background**

The Division of Water and Audits, with input from interested parties, substantially modified the sample Rule 14.1 originally provided in the July 2007 SP U-40 document. The result – "Example Rule 14.1" – is now contained in the Drought Procedures adopted in Res. W-4976.



## CALIFORNIA WATER SERVICE COMPANY

Advice Letter 2168-A – Addition of Schedule 14.1 – Drought Surcharges

Page 2

In Advice Letter 1881, Cal Water sought, and the Commission approved, a proposed Rule 14.1 that was based upon the sample Rule 14.1 in Standard Practice U-40-W (“SP U-40”), dated July 2007. Cal Water’s Rule 14.1 became effective on September 15, 2008.

On February 27, 2014, the Commission adopted Drought Procedures in Resolution No. (“Res.”) W-4976. Appendix B to those Drought Procedures contains an “Example of Rule 14.1” that modifies the sample Rule 14.1 in the July 2007 version of SP U-40. For Class A and B water companies like Cal Water that have an existing Rule 14.1, Ordering Paragraph (“OP”) 2 of Res. W-4976 requires the submission of a letter notifying the Division of Water & Audits (“DWA”) that the companies are activating their Tariff Rule 14.1 to call for a 20% voluntary reduction in water use. Cal Water submitted that notification to DWA on March 28, 2014.

### **Discussion**

In Resolution W-5034, the Commission articulated the steps that its regulated water utilities should take to comply with the mandatory use restrictions and penalties for violations established by the State Water Resources Control Board (“Water Board”). As required by that resolution, Cal Water submits the attached proposed Schedule 14.1.

In addition, Cal Water has been holding the public hearings required by California Water Code Sections 350 *et seq.* as follows:

District/Service Area	In May	Time	Location
Los Altos	11 Mon	6 p.m.	Covington School 201 Covington Road, Los Altos, CA 94024
East Los Angeles	12 Tues	5:30 p.m.	City building TBD
Dominguez (Rancho Dominguez)	12 Tues	6 p.m.	Customer Center 2632 West 237th St., Torrance, CA 90505
Lucerne (Redwood Valley District)	12 Tues	6 p.m.	Lucerne Elementary School 3351 Country Club Drive, Lucerne, CA 95458
Palos Verdes (Rancho Dominguez)	13 Wed	6 p.m.	Customer Center 2632 West 237th St., Torrance, CA 90505
Guerneville (Redwood Valley District)	13 Wed	6 p.m.	Guerneville Elementary School 14630 Armstrong Woods Road, Guerneville, 95446
Visalia	13 Wed	6 p.m.	Visalia Marriott 300 South Court St., Visalia, CA 93291
Oroville	14 Thurs	5:30 p.m.	Customer Center 1905 High Street, Oroville, CA 95965

**CALIFORNIA WATER SERVICE COMPANY**

Advice Letter 2168-A – Addition of Schedule 14.1 – Drought Surcharges

Page 3

District/Service Area	In May	Time	Location
Dixon	14 Thurs	6:45 p.m.	Dixon Senior/Multi-Use Center 201 South Fifth St., Dixon, CA 95620
Selma	14 Thurs	6 p.m.	Selma City Hall 1710 Tucker St., Selma, CA 93662
Salinas	18 Mon	6 p.m.	Customer Center 254 Commission St., Salinas, CA 93901
Willows	18 Mon	6 p.m.	Willows City Hall
South San Francisco (Bayshore District)	19 Tues	6 p.m.	City of SSF Orange Park – Joseph A. Fernekes Bldg 781 Tennis Drive, South San Francisco, CA 94080
Bear Gulch	19 Tues	6 p.m.	Las Lomitas Elementay School - Cano Hall
Mid-Peninsula (Bayshore District)	20 Wed	5:30 p.m.	Customer Center 341 N. Delaware St., San Mateo, CA 94401
Livermore	20 Wed	6 p.m.	Livermore City Council Chambers 3575 Pacific Ave., Livermore, CA 94550
Westlake	20 Wed	6 p.m.	Evanstar Clubhouse 1040 Evanstar, XXXX
Hermosa-Redondo (Rancho Dominguez)	21 Thurs	6 p.m.	Customer Center 2632 West 237th St., Torrance, CA 90505
King City	21 Thurs	6 p.m.	City Hall Council Chambers 212 S. Vanderhurst Ave., King City, 93930
Bakersfield	21 Thurs	6 p.m.	Operations Center 3725 South H St., Bakersfield, CA 93304
Antelope Valley	26 Tues	6 p.m.	Leona Valley Community Building 8367 Elizabeth Lake Road, Leona Valley, CA 93551
Marysville	27 Wed	5:30 p.m.	Customer Center 131 D Street, Marysville, CA 95901
Chico	27 Wed	6 p.m.	City Council Chambers 95927 421 Main St., Chico, CA
Stockton	28 Thurs	5:30 p.m.	Operations Center 1602 E. Lafayette St., Stockton, CA 95205
Kern River Valley	28 Thurs	6 p.m.	Moose Lodge 6732 Lake Isabella Blvd., Lake Isabella, 93240

**This supplement corrects several typographical and formatting errors. In addition, in response to concerns expressed by customers, this supplement makes the following substantive changes to the Schedule 14.1 originally proposed in AL 2168, changes that are mirrored in the supplement to AL 2167 also being submitted today:**



## **CALIFORNIA WATER SERVICE COMPANY**

Advice Letter 2168-A – Addition of Schedule 14.1 – Drought Surcharges

Page 4

- Adding a definition for “ornamental lawns” and modifying related water use restrictions.
- Eliminating the water use prohibition on the filling and re-filling of single-family, residential swimming pools.
- Modifying the advice letter to activate stages from Tier 1 to Tier 2.
- Adding specific details relating to the appeals procedures, banking procedures, water budgets, and drought surcharges.

### **Tier Designation**

Pursuant to Resolutions W-4976 and W-5034, Cal Water submits this as a Tier 2 advice letter.

### **Requested Effective Date**

Cal Water requests that this advice letter become effective on **June 1, 2015**.

### **Notice**

*Customer Notice* – Cal Water is providing customer notice of this Tier 2 filing via a bill message, a bill insert, or separate mailing.

*Service Lists* – In accordance with General Order 96-B, General Rule 4.3 and 7.2 and Water Industry Rule 4.1, a copy of this **supplement** will be mailed or electronically transmitted on **May 27, 2015**, to competing and adjacent utilities and other utilities or interested parties having requested such notification.

### **Response or Protest**

Anyone may respond to or protest this advice letter. A response supports the filing and may contain information that proves useful to the Commission in evaluating the advice letter. A protest objects to the advice letter in whole or in part and must set forth the specific grounds on which it is based. These grounds are:

- (1) The utility did not properly serve or give notice of the advice letter;
- (2) The relief requested in the advice letter would violate statute or Commission order, or is not authorized by statute or Commission order on which the utility relies;
- (3) The analysis, calculations, or data in the advice letter contain material error or omissions;
- (4) The relief requested in the advice letter is pending before the Commission in a formal proceeding; or





**CALIFORNIA WATER SERVICE COMPANY**

Advice Letter 2168-A – Addition of Schedule 14.1 – Drought Surcharges

Page 5

- (5) The relief requested in the advice letter requires consideration in a formal hearing, or is otherwise inappropriate for the advice letter process; or
- (6) The relief requested in the advice letter is unjust, unreasonable, or discriminatory (provided that such a protest may not be made where it would require relitigating a prior order of the Commission.)

A protest shall provide citations or proofs where available to allow staff to properly consider the protest. A response or protest must be made in writing or by electronic mail and must be received by the Division of Water and Audits within 20 days of the date this advice letter is filed. The advice letter process does not provide for any responses, protests or comments, except for the utility's reply, after the 20-day comment period. The address for mailing or delivering a protest is:

Tariff Unit, Division of Water and Audits, 3<sup>rd</sup> floor  
California Public Utilities Commission,  
505 Van Ness Avenue, San Francisco, CA 94102  
[water\\_division@cpuc.ca.gov](mailto:water_division@cpuc.ca.gov)

On the same date the response or protest is submitted to the Division of Water and Audits, the respondent or protestant shall send a copy by mail (or e-mail) to us, addressed to:

Darin Duncan  
California Water Service Company  
1720 North First Street,  
San Jose, California 95112  
Fax 408/367-8430 or  
E-mail [dduncan@calwater.com](mailto:dduncan@calwater.com)

Cities and counties that need Board of Supervisors or Board of Commissioners approval to protest should inform the Division of Water and Audits, within the 20-day protest period, so that a late filed protest can be entertained. The informing document should include an estimate of the date the proposed protest might be voted on.

**Replies**

The utility shall reply to each protest and may reply to any response. Each reply must be received by the Division of Water and Audits within 5 business days after the end of the protest period, and shall be served on the same day to the person who filed the protest or response. If you have not received a reply to your protest within 10 business days, contact California Water Service Company at 408/367-8200.

CALIFORNIA WATER SERVICE COMPANY



**CALIFORNIA WATER SERVICE COMPANY**

Advice Letter 2168-A – Addition of Schedule 14.1 – Drought Surcharges

Page 6

\_\_\_\_\_/s/\_\_\_\_\_  
Natalie D. Wales  
Regulatory Counsel

Enclosures

cc: Ting-Pong Yuen, ORA

CALIFORNIA PUBLIC UTILITIES COMMISSION DIVISION OF WATER AND AUDITS Advice Letter Cover Sheet				(Date Filed / Received Stamp by CPUC)	
<b>AL</b> #2168-A	<b>Date Mailed to Service List:</b> May 27, 2015	<b>Requested Effective Date:</b> June 1, 2015		<b>Requested Tier:</b> <input type="checkbox"/> Tier 1 <input checked="" type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3	
<b>Replacing AL#:</b> #2168	<b>Authorized by:</b> Resolutions W-4976 and W-5034	<b>Compliance Filing?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Rate Impact</b>	\$ None	% None
<b><u>The public has 20 days from Date Mailed (above) to protest this advice letter. If you chose to protest or respond to the advice letter, send Protest and/or Correspondence within 20 days to:</u></b>			Director Division of Water and Audits 505 Van Ness Ave. San Francisco, CA 94102		
<b><u>and if you have email capability, also email to:</u></b>			<a href="mailto:water_division@cpuc.ca.gov">water_division@cpuc.ca.gov</a>		
<b><u>Your protest also must be served on the Utility</u></b>			(see attached advice letter for more information and grounds for protest)		
<b>Company Name:</b> California Water Service Company					<b>CPUC Utility Number:</b> WTA U-60-W
<b>Address:</b> 1720 North First Street					
<b>City, State, Zip:</b> San Jose, CA 95112					
<b>Contact Name:</b>		<b>Phone No.</b>	<b>Fax No.</b>	<b>Email Address:</b>	
r	NATALIE WALES	408-367-8566	408-367-8340	<a href="mailto:nwales@calwater.com">nwales@calwater.com</a>	
ate	DARIN DUNCAN	408-367-8227	408-367-8340	<a href="mailto:dduncan@calwater.com">dduncan@calwater.com</a>	
<b>Description:</b> In this space or on the back of this form: <ol style="list-style-type: none"> <li>1. Explain justification for requested Tier – Res. W-4976 and W-5034</li> <li>2. Describe service affected and how it is affected – Drought surcharges and penalties</li> <li>3. Describe differences from related Advice Letters (Similar service, replacement filing) – replacement for AL 2168</li> </ol>					
<b>(FOR CPUC USE ONLY)</b>					
WTS Budget/Activity/Type  _____/_____/_____			Process as: <input type="checkbox"/> Tier 1 <input type="checkbox"/> Tier 2 <input type="checkbox"/> Tier 3 20th Day _____ 30th Day _____		
Project Manager:			Suspended on:		
Analyst:			Extended on:		
Due Date:			Resolution No.:		
Completion Date:			AL/Tariff Effective Date:		

## Appendix 1 - Tariff Sheet Changes in Advice Letter 2168-A

New/Revised C.P.U.C. Sheet No.	Title of Sheet	Schedule No.	Cancelling C.P.U.C. Sheet No.
xxxxx -W	Table of Contents (Page 1)	Not Applicable	10620 -W
xxxxx -W	Table of Contents (Page 2)	Not Applicable	10610 -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 1 of 12)	14.1 (Page 1)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 2 of 12)	14.1 (Page 2)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 3 of 12)	14.1 (Page 3)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 4 of 12)	14.1 (Page 4)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 5 of 12)	14.1 (Page 5)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 6 of 12)	14.1 (Page 6)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 7 of 12)	14.1 (Page 7)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 8 of 12)	14.1 (Page 8)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 9 of 12)	14.1 (Page 9)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 10 of 12)	14.1 (Page 10)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 11 of 12)	14.1 (Page 11)	- -W
xxxxx -W	Schedule 14.1 - Drought Surcharges (Page 12 of 12)	14.1 (Page 12)	- -W

**Table of Contents (Page 1 of 8)**

The following listed tariff sheets contain all effective rates and rules affecting the rates and service of the Utility together with information relating thereto:

<u>Sheet Subject Matter</u>	<u>Cal. P.U.C. Sheet No.</u>
Title Page .....	5613-W
Table of Contents .....	.....xxxxx-xxxxx-10626-10608-xxxxx-10197-10452-10212-2926-W ( C )
Preliminary Statement A .....	9240-8212-W
Preliminary Statement B-D .....	610-W
Preliminary Statement F .....	8312-W
Preliminary Statement H .....	6686-W
Preliminary Statement J2 .....	10438-W
Preliminary Statement K .....	7313-W
Preliminary Statement M .....	7345-8372-10605-10374-10604-10488-10603-10480-10601-W
Preliminary Statement M .....	10481-10408-10602-10489-10600-10409-10599-10482-10598-W
Preliminary Statement M .....	10597-10596-10391-10595-10594-10483-10395-10593-10397-W
Preliminary Statement P .....	7446-W
Preliminary Statement Q .....	10043-W
Preliminary Statement S .....	8013-W
Preliminary Statement T .....	8017-W
Preliminary Statement U .....	8446-W
Preliminary Statement V .....	8154-W
Preliminary Statement W .....	8156-W
Preliminary Statement X .....	8314-W
Preliminary Statement Z1 .....	10439-W
Preliminary Statement Z2 .....	10440-W
Preliminary Statement AA1 .....	10441-W
Preliminary Statement AA2 .....	10442-W
Preliminary Statement AB2 .....	10443-W
Preliminary Statement AC .....	8637-W
Preliminary Statement AD .....	10451-W
Preliminary Statement AE .....	10444-W, 10445-W
Preliminary Statement AF .....	9025-W
Preliminary Statement AG .....	9032-W
Preliminary Statement AI .....	10221-W
Preliminary Statement AJ .....	9671-W
Preliminary Statement AK .....	10101-W
Preliminary Statement AL .....	10208-W
Preliminary Statement AM .....	10446-W
Preliminary Statement AN .....	10447-W
Preliminary Statement AO .....	10448-W
Preliminary Statement AP .....	10449-W
Preliminary Statement AQ .....	10450-W
Preliminary Statement AR .....	10447-W

(continued)

(To be inserted by utility)  
Advice Letter No. 2168-A  
Decision No. -

**Issued by**  
**PAUL G. TOWNSLEY**  
NAME  
**Vice President**  
TITLE

(To be inserted by Cal. P.U.C.)  
Date Filed \_\_\_\_\_  
Effective \_\_\_\_\_  
Resolution No. \_\_\_\_\_

Table of Contents (Page 2 of 8)  
(continued)

<u>Sheet Subject Matter</u>	<u>Service Area</u>	<u>Schedule Number</u>	<u>Cal. P.U.C. Sheet No.</u>
<b><u>RATE SCHEDULES:</u></b>			
<b>ALL DISTRICTS</b>			
Service to Company Employees		ED-1	5168-W
Rate Support Fund		RSF	10369-W
Low Income Ratepayer Assistance (Page 1 of 3)		LIRA	10370-W
Low Income Ratepayer Assistance (Page 2 of 3)		LIRA	10371-W
Low Income Ratepayer Assistance (Page 3 of 3)		LIRA	10553-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 1 of 13)		14.1	xxxxx-W (N)
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 2 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 3 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 4 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 5 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 6 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 7 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 8 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 9 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 10 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 11 of 13)		14.1	xxxxx-W
Schedule 14.1 - Staged Mand. Reductions and Drought Surcharges (Page 12 of 13)		14.1	xxxxx-W (N)
PBOP Surcharge		PB	7049-W
Additional Surcharges/Surcredits		AS	10199-W
Additional Surcharges/Surcredits Page 2		AS pg 2	10464-W
Additional Surcharges/Surcredits Page 3		AS pg 3	10554-W
Additional Surcharges/Surcredits Page 4		AS pg 4	10555-W
<b>ANTELOPE VALLEY DISTRICT</b>			
Residential Metered Service - Leona Valley Service Area		AV-LEO-1-R	10592-W
Nonresidential Metered Service - Leona Valley Service Area		AV-LEO-1-NR	10591-W
Residential Metered Service-Lancaster Service Area		AV-LAN-1-R	10590-W
Nonresidential Metered Service- Lancaster Service Area		AV-LAN-1-NR	10589-W
General Metered Service-Fremont Valley Lake Hughes Service Area		AV-FM-1	10588-W
Limited Residential Flat Rate Service-Lake Hughes Service Area		AV-LH-2R	6550-W
Private Fire Protection Service-All Antelope Valley Service Areas		AV-4	10266-W
<b>BAKERSFIELD DISTRICT</b>			
Residential Metered Service		BK-1-R	10267-W
Nonresidential Metered Service		BK-1-NR	10268-W
Residential Flat Rate Service		BK-2R	10269-W
Private Fire Protection Service		BK-4	10270-W
Public Fire Hydrant Service		BK-5	10271-W
<b>BAYSHORE DISTRICT</b>			
Residential Metered Service - South San Francisco Service Area		BAY-1-R	10587-W
Nonresidential Metered Service - South San Francisco Service Area		BAY-1-NR	10586-W
Private Fire Protection Service		BAY-4	10278-W
<b>BEAR GULCH DISTRICT</b>			
Residential Metered Service		BG-1-R	10484-W
Nonresidential Metered Service		BG-1-NR	10485-W
Private Fire Protection Service		BG-4	10281-W
Public Fire Hydrant Service		BG-5	9547-W
<b>CHICO - HAMILTON CITY DISTRICT</b>			
Residential Metered Service		CH-1-R	10585-W
Nonresidential Metered Service		CH-1-NR	10584-W
Private Fire Protection Service		CH-4	10285-W
<b>DIXON DISTRICT</b>			
Residential Metered Service		DX-1-R	10472-W
Nonresidential Metered Service		DX-1-NR	10473-W
		DX-4	10288-W

(continued)

**Schedule No. 14.1**

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**WATER SHORTAGE CONTINGENCY PLAN**

**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES**

Page 1

**A. APPLICABILITY**

1. This schedule applies to all of California Water Service's regulated ratemaking areas in California, as well as Grand Oaks Water.

**B. GENERAL INFORMATION**

1. All expenses incurred by utility to implement Rule 14.1, and Schedule 14.1, and requirements of the California State Water Resources Control Board ("Water Board") that have not been considered in a General Rate Case or other proceeding shall be accumulated by Cal Water in a separate memorandum account, authorized in Resolution W-4976, for disposition as directed or authorized from time to time by the Commission.
2. All monies collected by Cal Water through waste of water penalties established in this schedule shall be recorded in the appropriate memorandum account and used to offset the expenses described in Section 1 above.
3. Except in the case of Grand Oaks, all monies collected by Cal Water through drought surcharges, as established by the Mandatory Water Budgets found in Schedule 14.1, shall be recorded in the appropriate Water Revenue Adjustment Mechanism ("WRAM") account and used to offset under-collected revenues.
4. To the extent that any provision in this Schedule is inconsistent with Rule 14.1, the provisions of this Schedule apply.
5. A customer may request installation of a real-time water measurement device on the customer's service line. The cost of the device, including installation and ongoing operating costs, shall be billed to the customer, and nonpayment may result in discontinuance of service.
6. On April 1, 2015, the Governor of the State of California issued Executive Order B-29-15 due to severe drought conditions. The Executive Order, among other requirements, directs the State Water Resources Control Board ("Water Board") to impose restrictions on urban water suppliers like Cal Water to achieve a statewide 25% reduction in potable urban usage, as compared with the amount used in 2013, through February 2016.
  - A. The restrictions must take into consideration the relative per capita water usage of each water supplier's service area such that those with high per capital use are required to achieve proportionally greater reductions than those with less use.
  - B. Urban water suppliers must develop rate structures and other pricing mechanisms, such as surcharges and penalties, to achieve 25% water conservation.
7. On May 5, 2015, the Water Board issued an Emergency Regulation by Resolution No. 2015-0032 due to continuing drought conditions with specific water use reductions, by service area, and prohibitions on how end-use customers can use potable water. On May 7, 2015, the California Public Utilities Commission ("Commission") issued Resolution W-5041 ordering compliance with the mandates of the Governor and the Water Board.

**C. DEFINITIONS**

For the purposes of this Schedule, the following terms have the meanings set forth in this section.  
(These are the same as in Rule 14.1, unless otherwise specified.)

1. "Commercial nursery" means the use of land, buildings or structures for the growing and/or storing of flowers, fruit trees, ornamental trees, vegetable plants, shrubs, trees and similar vegetation for the purpose of transplanting, for use as stock or grafting, and includes the retail sale or wholesale distribution of such items directly from the premises/lot.

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**WATER SHORTAGE CONTINGENCY PLAN**

**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES**

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**C. DEFINITIONS (Continued)**

2. "Drip irrigation system" means a non-spray, low-pressure, and low volume irrigation system utilizing emission devices with a precipitation or flow rate measured in gallons per hour (GPH), designed to slowly apply small volumes of water at or near the root zone of plants or other landscaping.
3. "Flow rate" means the rate at which water flows through pipes, valves, and emission devices, measured in gallons per minute (GPM), gallons per hour (GPH), inches per hour (IPH), hundred cubic feet (Ccf), or cubic feet per second (CFS).
4. "Flow-restricting device" means valves, orifices, or other devices that reduce the flow of potable water through a service line, which are capable of passing a minimum of 3 Ccf per person, per month, based upon the U.S. Census calculation of the average number of people in a household in the area.
5. "High-efficiency sprinkler systems" means an irrigation system with emission devices, such as sprinkler heads or nozzles, with a precipitation or flow rate no greater than one IPH.
6. "Irrigation" means the application of potable water by artificial means to landscape.
7. "Irrigation system" means the components of a system meant to apply water to an area for the purpose of irrigation, including, but not limited to, piping, fittings, sprinkler heads or nozzles, drip tubing, valves, and control wiring.
8. "Landscape" means all of the outdoor planting areas, turf areas, and water features at a particular location.
9. "Measureable rainfall" means any amount of precipitation of more than one-tenth of an inch (0.1").
10. "Micro spray irrigation system" means a low-pressure, low-volume irrigation system utilizing emission devices that spray, mist, sprinkle, or drip with a precipitation or flow rate measured in GPH, designed to slowly apply small volumes of water to a specific area.
11. "Ornamental landscape" means shrubs, bushes, flowers, ground cover, turf, lawns, and grass planted for the purpose of improving the aesthetic appearance of property, but does not include crops or other agricultural products or special landscape areas.
12. "Ornamental turf" means a ground cover surface of grass that can be mowed and is planted for the purpose of improving the aesthetic appearance of the property, but does not include crops or other agricultural products or special landscape areas.
13. "Plumbing fixture" means a receptacle or device that is connected to a water supply system, including, but not limited to, pipes, toilets, urinals, showerheads, faucets, washing machines, water heaters, tubs, and dishwashers.
14. "Potable water" means water supplied by Cal Water which conforms to the federal and state standards for human consumption.
15. "Properly programmed" means a smart irrigation controller that has been programmed according to the manufacturer's instructions and site-specific conditions.
16. "Real-time water measurement device" means a device or system that provides regularly updated electronic information regarding the customer's water use.
17. "Runoff" means water which is not absorbed by the soil or landscape to which it is applied and flows from the landscape onto other areas.
18. "Smart irrigation controller" means an automatic device used to remotely control valves that operate an irrigation system that has been tested by an American National Standards Institute accredited third-party certifying body or

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**WATER SHORTAGE CONTINGENCY PLAN**  
**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

Page 3

**C. DEFINITIONS (Continued)**

laboratory in accordance with the Environmental Protection Agency's WaterSense program (or an analogous successor program), and certified by such body or laboratory as meeting the performance and efficiency requirements of such program, or the more stringent performance and efficiency requirements of another similar program.

19. "Special landscape area" means an area of the landscape dedicated solely to edible plants and areas dedicated to active play such as parks, sports fields, golf courses, and where turf provides a playing surface.
20. "Turf" means a ground cover surface of grass that can be mowed.
21. "Water feature" means a design element where open, artificially supplied water performs an aesthetic or recreation feature, including, but not limited to, ponds, lakes, waterfalls, fountains, and streams.
22. "Water use evaluation" means an evaluation of the efficiency of indoor water-using devices, including, but not limited to, measurement of flow rates for all existing showerheads, faucets, and toilets, inspection for leaks, and providing written recommendations to improve the efficiency of the indoor water-using fixtures and devices and/or an evaluation of the performance of an irrigation system, including, but not limited to, inspection for leaks, reporting of overspray or runoff, and providing written recommendations to improve the performance of the irrigation system.

**D. WASTE OF WATER PENALTIES**

Each Stage of this Schedule establishes certain restrictions on the use of potable water. essential, wasteful use of potable water. Cal Water is authorized to take the following actions when its personnel verify a customer is using potable water for non-essential, wasteful uses. No person shall have any right or claim in law or in equity, against Cal Water because of, or as a result of, any matter or thing done or threatened to be done pursuant to the restrictions on using potable water for non-essential, wasteful uses.

Note: When a Stage in this Schedule has been activated, Section D in this Schedule supersedes Section D (Enforcement) in Rule 14.1.

1. **FIRST VIOLATION**: Cal Water shall provide the customer with a written notice of violation. In addition, Cal Water is authorized to take the following actions:
  - A. If the customer currently receives service through a metered connection, install a real-time water measurement device on the customer's service line and provide the customer with access to information from the device. The cost of the device, including installation and ongoing operating costs, shall be billed to the customer, and nonpayment may result in discontinuance of service.
  - B. If the customer does not currently receive service through a metered connection, install a water meter on the customer's service line, charge the customer for water use pursuant to Cal Water's metered service tariffs and rules, and install a real-time water measurement device on the customer's service line and provide the customer with access to information from the device. The cost of the device, including installation and ongoing operating costs, shall be billed to the customer, and nonpayment may result in discontinuance of service.
2. **SECOND VIOLATION**: If Cal Water verifies that the customer has used potable water for non-essential, wasteful uses after having been notified of the first violation, Cal Water shall provide the customer with a second written notice of violation. In addition to the actions prescribed under the first violation above, Cal Water is authorized to take the following actions:
  - A. Apply the following waste of water penalties, which are in addition to any other charges authorized by this Schedule or other Cal Water tariffs.
    - i. If Stage 1 is in effect, \$25 (Stage 1 is detailed below in Section E).
    - ii. If Stage 2 is in effect, \$50 (Stage 2 is detailed below in Section F).

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**WATER SHORTAGE CONTINGENCY PLAN**  
**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

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**D. WASTE OF WATER PENALTIES (Continued)**

- iii. If Stage 3 is in effect, \$100 (Stage 3 is detailed below in Section G).
- iv. If Stage 4 is in effect, \$200 (Stage 4 is detailed below in Section H).
- B. At its sole discretion, waive the waste of water penalty if the customer participates in a water use evaluation provided by Cal Water and/or provides documentation to Cal Water proving that a drip irrigation system, micro spray irrigation system, high-efficiency sprinkler system, or properly programmed smart irrigator controller has been installed, after a notice of violation was delivered, and is in use at the customer's service address.
- 3. **THIRD VIOLATION:** If Cal Water verifies that the customer has used potable water for non-essential, wasteful uses after having been notified of the second violation, Cal Water shall provide the first and second violations above, Cal Water is authorized to take the following actions:
  - A. Apply the following waste of water penalties, which are in addition to any other charges authorized by this Schedule or other Cal Water tariffs.
    - i. If Stage 1 is in effect, \$50 (Stage 1 is detailed below in Section E).
    - ii. If Stage 2 is in effect, \$100 (Stage 2 is detailed below in Section F).
    - iii. If Stage 3 is in effect, \$200 (Stage 3 is detailed below in Section G).
    - iv. If Stage 4 is in effect, \$400 (Stage 4 is detailed below in Section H).
  - B. At its sole discretion, waive the waste of water surcharge if the customer participates in a water use evaluation provided by Cal Water and/or provides documentation to Cal Water proving that a drip irrigation system, micro spray irrigation system, high-efficiency sprinkler system, or properly programmed smart irrigation controller has been installed, after notice of violations have been delivered, and is in use at the customer's service address.
- 4. **FOURTH VIOLATION:** If Cal Water verifies that the customer has used potable water for non-essential, wasteful uses after having been notified of the third violation, Cal Water shall provide the customer with a fourth written notice of violation. In addition to actions set forth in previous violations prescribed above, Cal Water is authorized to install a flow-restricting device on the customer's service line. Cal Water shall not be held liable for any injuries, damages, and/or consequences arising from the installation of a flow restricting device.
- 5. **EGREGIOUS VIOLATIONS:** Notwithstanding the foregoing framework for penalties, customers who Cal Water has verified are egregiously using potable water for non-essential, wasteful uses are subject to having a flow-restricting device installed on their service line. After providing the customer with one notice of egregious violation, either by direct mail or door hanger, which documents the egregious use of potable water for non-essential, wasteful uses and explains that failure to correct the violation may result in the installation of a flow-restricting device on the customer's service line, Cal Water is authorized to install a flow-restricting device on the customer's service line. Cal Water shall not be held liable for any injuries, damages, and/or consequences arising from the installation of a flow restricting device.
- 6. **NOTICES OF VIOLATION:**
  - A. Unless otherwise specified, written notices of violation provided to customers pursuant to this Schedule shall document the verified violation and alert the customer to the fact that future violations of the restricted uses of potable water may result in a real-time water management device being installed on the customer's service line at the customers expense, waste of water surcharges being applied to the customer's bill, the installation of a flow-restricting device on the customer's service line, or the discontinuation of the customer's service.

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**WATER SHORTAGE CONTINGENCY PLAN**  
**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

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**D. WASTE OF WATER PENALTIES (Continued)**

- B. If Cal Water elects to install a flow-restricting device on a customer's service line, the written notice service line, shall document the steps the customer must take in order for the flow-restricting device to be removed, and shall explain that after the flow-restricting device is removed, it may be reinstalled, without further notice, if the customer is again verified by Cal Water to be using potable water for non-essential, wasteful uses.
7. **FLOW RESTRICTING DEVICE CONDITIONS:** The installation of a flow-restricting device on a customer's service line is subject to the following conditions:
- A. The device shall be capable of providing the premise with a minimum of 3 Ccf per person, per month, based upon the U.S. Census calculation of the average number of people in a household in the area.
- B. The device may only be removed by Cal Water, and only after a minimum three-day period has elapsed.
- C. Any tampering with the device may result in the discontinuation of the customer's water service and the customer being charged for any damage to Cal Water's equipment or facilities and any required service visits.
- D. After the removal of the device, if Cal Water verifies that the customer is using potable water for non-essential, wasteful uses, Cal Water may install another flow-restricting device without prior notice. This device shall remain in place until water supply conditions warrant its removal. If, despite the installation of the device, Cal Water verifies that the customer is using potable water for non-essential and, unauthorized wasteful uses, then Cal Water may discontinue the customer's water service, as provided in its Rule No. 11.
8. **FLOW-RESTRICTING DEVICE REMOVAL CHARGES:** The charge to customers for removal of a flow-restricting device installed pursuant to this Schedule is \$100 during normal business hours, and \$150 for the device to be removed outside of normal business hours.

**E. STAGE ONE WATER USE RESTRICTIONS**

**1. WASTEFUL USES OF WATER (STAGE 1)**

The following restrictions may be imposed by Cal Water, except where necessary to address an immediate health or safety need, or to comply with a term or condition in a permit issued by a state or federal agency:

**A. Outdoor Irrigation Restrictions (Stage 1)**

- i. Irrigating ornamental landscapes with potable water is limited to no more than **three (3) days per week**, on a schedule established and posted by Cal Water on its website or otherwise provided to customers by bill message, bill insert, direct mail, or email, or as follows:
1. Customers with even-numbered addresses may irrigate on Saturdays, Tuesdays, and Thursdays.
  2. Customers with odd-numbered addresses may irrigate on Sundays, Wednesdays, and Fridays.
  3. Customers without a street address may irrigate on Saturdays, Tuesdays, and Thursdays.

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**E. STAGE ONE WATER USE RESTRICTIONS (Continued)**

4. Notwithstanding the foregoing restrictions, irrigation of special landscape areas or commercial nurseries landscape area or may occur as needed, provided that the customer who wishes to irrigate a special commercial nursery presents Cal Water with a plan to achieve water use reductions commensurate with those that would be achieved by complying with foregoing restrictions.
5. Notwithstanding the foregoing restrictions, when a city, county, or other local public agency in one of Cal Water's service areas duly adopts restrictions on the number of days or hours of the day that customers may irrigate that are different than those adopted by Cal Water, Cal Water may enforce the city, county, or other local public agency's restrictions.
- ii. Irrigating ornamental landscape with potable water is prohibited during the hours between **8:00 a.m. and 6:00 p.m.**
- iii. The foregoing restrictions do **not** apply to:
  1. Landscape irrigation zones that exclusively use drip irrigation systems and/or micro spray irrigation system;
  2. Irrigating ornamental landscapes with the use of a hand-held bucket or similar container, with a continuously monitored hose which is fitted with an automatic shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use or monitored, or for the express purpose of adjusting or repairing an irrigation system.
- B. Obligation to Fix Leaks, Breaks or Malfunctions: All leaks, breaks, or other malfunctions in the customer's plumbing fixtures and/or irrigation system must be repaired within **five (5) business days** of written notification by Cal Water, unless other arrangements are made with Cal Water.
- C. Prohibited Uses of Water: Customers are prohibited from using potable water for the following actions:
  - i. The application of potable water to landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;
  - ii. The use of a hose that dispenses potable water to wash vehicles, including cars, trucks, buses, shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use.
  - iii. The application of potable water to driveways and sidewalks;
  - iv. The use of potable water in a water feature, except where the water is part of a recirculating system;
  - v. The application of potable water to outdoor landscapes during and within forty-eight (48) hours after measurable rainfall (see Definitions);
  - vi. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
  - vii. Irrigation of ornamental turf on public street medians with potable water;
  - viii. Irrigation outside of newly constructed homes and buildings with potable water in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.
- D. Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guest room using clear and easily understood language.

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**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

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**E. STAGE ONE WATER USE RESTRICTIONS (Continued)**

[Stage 1 (cont.)]

- e. Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds with potable water is prohibited, 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 the implementation of any staged mandatory restrictions of water use as described in this Schedule.
- f. Other duly adopted restrictions on the use of potable water as prescribed from time to time by the Commission or other authorized government agencies are incorporated herein by reference.

**F. STAGE TWO WATER USE RESTRICTIONS**

**1. MANDATORY WATER BUDGETS AND BANKING (STAGE 2)**

The Governor's Executive Order mandates a 25% reduction in potable urban usage, as compared with the amount used in 2013, through February 2016. To carry out this mandate, the Water Board must develop water use restrictions that take into consideration the relative per capita water usage of each water supplier's service area such that those with high per capita use are required to achieve proportionally greater reductions than those with less use. In addition, water suppliers must develop rate structures and other pricing mechanisms, such as surcharges and penalties, to achieve 25% water conservation.

A. **Mandatory Reduction Percentage:** The Water Board has established increasing levels of required water reduction based upon residential per capita per day use (R-GPCD) for the three summer months of July through September 2014.

- i. The Mandatory Reduction Percentage for each of Cal Water's service areas [and Grand Oaks] is in **Appendix B**. This Mandatory Reduction Percentage is the percentage by which customers in that area must reduce their total potable water use, as compared to their use in 2013.

B. **Customer Water Budgets:** Each customer with metered potable water service (residential and non-residential customers) will receive an individualized "water budget" for each billing period.

- i. The water budget will be the amount of water the customer can use in that billing period without incurring a "drought surcharge." The water budget will be based on the units of water (Ccfs) that customer used in the same billing period in 2013, minus the Mandatory Reduction Percentage established by the Water Board (as identified in **Appendix B**). A customer's water budget will vary according to their monthly water usage in 2013.
- ii. If a customer was not in his or her current location in 2013, the average monthly consumption will be used as a starting budget. If customers have a unique situation and the average budget is not appropriate, they can file an appeal to have their water budget increased. Cal Water may also modify the starting budget to reflect suitable use.
- iii. The water budget for the following billing period will appear on each customer's water bill. Customers will also be able to find their water budgets, and their individual water use history dating back to 2013, by going to [usage.calwater.com](http://usage.calwater.com) (do not include "www"), and entering their account number, street (or house) number, and ZIP code.
- iv. **Water budgets will become effective with the first billing period that begins in the month of June 2015.** No Drought Surcharges will be applied for billing periods that include any days in the month of May 2015.

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**F. STAGE TWO WATER USE RESTRICTIONS (Continued)**

[Stage 2 (cont.)]

- C. **Minimum Water Budgets:** A minimum monthly amount of water that protects the health and safety of customers will be established for each service area as a Minimum Water Budget for single-family residential customers.
- i. No single-family residential customer will have a water budget that is below the threshold of the monthly Minimum Water Budget, even if applying the Mandatory Reduction Percentage to that customer's 2013 usage would result in a lower amount.
  - ii. The Minimum Water Budget for each service area is identified in **Appendix A**. (For areas with bi-monthly billing and bi-monthly water budgets, the Minimum Water Budget in Appendix A should be doubled for the billing period.)
- D. **Drought Surcharges:** If a customer uses more units of potable water (Ccf) than their Water Budget in a billing period, that customer's water bill will reflect an additional "Drought Surcharge" for each unit of water over the Water Budget.
- i. The Drought Surcharge per unit of water for each service area is identified in **Appendix A**.
  - ii. Customers will continue to pay the normal tariffed rates for potable water, in addition to any applicable Drought Surcharges. Cal Water retains the right to increase the surcharges if there are changes to the rates in the future.
- E. **Water Banking:** Customers will be able to "bank" unused units of water from their water budget for use in future billing periods.
- i. Should a customer exceed his or her monthly budget, any banked units of water will be applied to the overage before drought surcharges are imposed.
  - ii. Banked water units can only offset future usage that exceeds a water budget.
- F. **Water Budget Appeals:** If specified criteria are met, a customer can file an appeal to have his or her water budget increased.
- i. The reasons appeals may be considered include: water use necessary for health and safety; business or economic needs, including process-water requirements; significant long-term savings achieved since 2011; average monthly water use in 2014 that is at least 50% lower than district average; and large animal care (e.g. horse).
  - ii. All appeals must be submitted online at [www.calwater.com/appeal](http://www.calwater.com/appeal) or via a written application form (available at [www.calwater.com/appeal](http://www.calwater.com/appeal) or from our local Customer Center).
  - iii. Surcharges incurred during the appeal review period may be waived if the review takes an extended period of time.

**G. STAGE THREE WATER USE RESTRICTIONS**

**1. MANDATORY WATER BUDGETS AND BANKING (STAGE 3)**

Water budgets will be based on a customer's consumption during a historical base period and will include a percentage reduction designed to meet necessary water-use reductions. Cal Water may include provisions such as minimum water budgets to protect the health and safety of customers, and water banking allowing customers additional flexibility with regard to their required reductions.

In addition to the normal rate paid for the unit of water, a drought surcharge will be charged to a customer for each unit of water used over the established water budget for the billing period. Cal Water may implement surcharges up to three (3) times those charged in Stage 2. Cal Water will establish an appeals process for customers that will allow for requests for increased water budgets.

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**G. STAGE THREE WATER USE RESTRICTIONS (Continued)**

[Stage 3 (cont.)]

**2. WASTEFUL USES OF WATER (STAGE 3)**

The following restrictions may be imposed by Cal Water, except where necessary to address an immediate health or safety need or to comply with a term or condition in a permit issued by a state or federal agency.

Differences from or additions to previous Stages are underlined. (The following restrictions are the same as those provided in Stage 3 of Rule 14.1.)

a. Outdoor Irrigation Restrictions (Stage 3)

- i. Irrigating ornamental landscapes with potable water is limited to no more than **two (2) days per week,** on a schedule established and posted by Cal Water on its website or otherwise provided to customers by bill message, bill insert, direct mail, or email, or as follows:

1. Customers with even-numbered addresses may irrigate on Saturdays and Tuesdays (previous Stages allowed Thursdays as well).
2. Customers with odd-numbered addresses may irrigate on Sundays and Wednesdays (previous Stages allowed Fridays as well).
3. Customers without a street address may irrigate on Saturdays and Tuesdays (previous Stages allowed Thursdays as well).
4. Notwithstanding the foregoing restrictions, irrigation of special landscape areas or irrigate a special landscape area or commercial nursery presents Cal Water with a plan to achieve water use reductions commensurate with those that would be achieved by complying with foregoing restrictions.
5. Notwithstanding the foregoing restrictions, when a city, county, or other local public agency in one of Cal Water's service areas duly adopts restrictions on the number of days or hours of the day that customers may irrigate which are different than those adopted by Cal Water, Cal Water may enforce the city, county, or other local public agency's restrictions.

- ii. Irrigating ornamental landscape with potable water is prohibited during the hours between

**8:00 a.m. and 6:00 p.m.**

- iii. The foregoing restrictions do **not** apply to:

1. Landscape irrigation zones that exclusively use drip irrigation systems and/or micro spray irrigation system;
2. Irrigating ornamental landscapes with the use of a hand-held bucket or similar container, a continuously monitored hose which is fitted with an automatic shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use or monitored, or for the express purpose of adjusting or repairing an irrigation system.

- B. Obligation to Fix Leaks, Breaks or Malfunctions: All leaks, breaks, or other malfunctions in the customer's plumbing fixtures and/or irrigation system must be repaired within **two (2) business days** of written notification by Cal Water, unless other arrangements are made with Cal Water.

- C. **Prohibited** Uses of Water: Customers are prohibited from using potable water for the following actions:

- i. The application of potable water to landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures (note: this provision appears under Section E in Rule 14.1);

(continued)

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(To be inserted by utility)

Issued by

(To be inserted by Cal. P.U.C.)

Advice Letter No. 2168-A

PAUL G. TOWNSLEY

Date Filed                     

Decision No. -

Vice President

Effective                     

TITLE

Resolution No.

**Schedule No. 14.1**

( N )

**WATER SHORTAGE CONTINGENCY PLAN**  
**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

Page 10

**G. STAGE THREE WATER USE RESTRICTIONS (Continued)**

[Stage 3 (cont.)]

- ii. The use of a hose that dispenses potable water to wash vehicles, including cars, trucks, buses, boats, aircraft, and trailers, whether motorized or not, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use (note: this provision appears under Section E in Rule 14.1).
  - iii. The application of potable water to driveways and sidewalks;
  - iv. The use of potable water in a water feature, except where the water is part of a recirculating system;
  - v. The application of potable water to outdoor landscapes during and within forty-eight (48) hours after measurable rainfall;
  - vi. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
  - vii. Irrigation of ornamental turf on public street medians with potable water;
  - viii. Irrigation outside of newly constructed homes and buildings with potable water in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.
  - ix. Use of potable water for street cleaning with trucks, except for initial wash-down for construction purposes (if street sweeping is not feasible);
  - x. Use of potable water for construction purposes, such as consolidation of backfill, dust control, or other uses unless no other source of water or other method can be used.
- D. Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guest room using clear and easily understood language.
- E. Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds with potable water is prohibited, 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 the implementation of any staged mandatory restrictions of water use as described in this Schedule.
- F. Other duly adopted restrictions on the use of potable water as prescribed from time to time by the Commission or other authorized government agencies are incorporated herein by reference.

**H. STAGE FOUR WATER USE RESTRICTIONS**

**1. MANDATORY WATER BUDGETS AND BANKING (STAGE 4)**

Water budgets will be based on a customer's consumption during a historical base period and will include a percentage reduction designed to meet necessary water-use reductions. Cal Water may include provisions such as minimum water budgets to protect the health and safety of customers, and water banking allowing customers additional flexibility with regard to their required reductions.

In addition to the normal rate paid for the unit of water, a drought surcharge will be charged to a customer for each unit of water used over the established water budget for the billing period. For Stage 4, Cal Water may implement surcharges up to three (3) times those charged in Stage 2. Cal Water may require customer consumption reductions of up to 50%.

Cal Water will establish an appeals process for customers that will allow for requests for increased water budgets.

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Vice President  
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Resolution No. \_\_\_\_\_

Schedule No. 14.1

( N )

**WATER SHORTAGE CONTINGENCY PLAN**  
**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

Page 11

**H. STAGE FOUR WATER USE RESTRICTIONS (Continued)**

[Stage 4 (cont.)]

**2. WASTEFUL USES OF WATER (STAGE 4)**

The following restrictions may be imposed by Cal Water, except where necessary to address an immediate health or safety need or to comply with a term or condition in a permit issued by a state or federal agency. Differences from or additions to previous Stages are underlined. (The following restrictions are the same as those provided in Stage 4 of Rule 14.1.)

- A. Irrigating ornamental landscape with potable water is prohibited, except when a hand-held bucket nozzle or device attached to it that causes it to cease dispensing water immediately when not in use or monitored is used to maintain vegetation, including trees and shrubs.
- B. Obligation to Fix Leaks, Breaks or Malfunctions: All leaks, breaks, or other malfunctions in the customer's plumbing fixtures or irrigation system must be repaired within **one (1) business day** of written notification by Cal Water, unless other arrangements are made with Cal Water.
- C. Prohibited Uses of Water: Customers are prohibited from using potable water for the following actions:
- i. The application of potable water to landscapes in a manner that causes runoff such that water flows onto adjacent property, non-irrigated areas, private and public walkways, roadways, parking lots, or structures;
  - ii. The use of a hose that dispenses potable water to wash vehicles, including cars, trucks, buses, boats, aircraft, and trailers, whether motorized or not, except where the hose is fitted with a shut-off nozzle or device attached to it that causes it to cease dispensing water immediately when not in use.
  - iii. The application of potable water to driveways and sidewalks;
  - iv. The use of potable water in a water feature, except where the water is part of a recirculating system;
  - v. The application of potable water to outdoor landscapes during and within forty-eight (48) hours after measurable rainfall;
  - vi. The serving of drinking water other than upon request in eating or drinking establishments, including but not limited to restaurants, hotels, cafes, cafeterias, bars, or other public places where food or drink are served and/or purchased;
- [Note that items previously identified as (ix) and (x) in Stage 3 have been eliminated.]
- vii. Use of potable water for street cleaning with trucks (previous Stage allowed certain exceptions);
- viii. Use of potable water for construction purposes, such as consolidation of backfill, dust control, or other uses (previous Stage allowed certain exceptions).
- D. Operators of hotels and motels shall provide guests with the option of choosing not to have towels and linens laundered daily. The hotel or motel shall prominently display notice of this option in each guest room using clear and easily understood language.
- E. Limits on Filling Ornamental Lakes or Ponds: Filling or re-filling ornamental lakes or ponds with potable water is prohibited, 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 the implementation of any staged mandatory restrictions of water use as described in this Schedule.
- F. Other duly adopted restrictions on the use of potable water as prescribed from time to time by the Commission or other authorized government agencies are incorporated herein by reference.

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(To be inserted by utility)

Issued by

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Advice Letter No. 2168-A

PAUL G. TOWNSLEY

Date Filed \_\_\_\_\_

Decision No. -

NAME  
Vice President  
TITLE

Effective \_\_\_\_\_

Resolution No. \_\_\_\_\_

**Schedule No. 14.1**

( N )

**WATER SHORTAGE CONTINGENCY PLAN**  
**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

Page 12

**APPENDIX A**

Drought surcharges apply to all metered customers of potable water.

District	Tariff Area	Drought Surcharge Non-LIRA Customers (a)	Drought Surcharge LIRA Customers (b)	Minimum Monthly Water Budget (Ccf) (c)	Rate Support Fund (RSF) Areas
Antelope Valley	Fremont Valley & Lake Hughes	\$4.5200	\$2.2600	5	RSF Area
	Lancaster	\$7.1180	\$3.5590	5	
	Leona Valley	\$4.5200	\$2.2600	5	RSF Area
Bakersfield		\$4.1868	\$2.0934	7	
Bayshore	Mid-Peninsula	\$10.0000	\$5.0000	6	
	South San Francisco	\$5.6492	\$2.8246	6	
Bear Gulch		\$10.0000	\$5.0000	6	
Chico		\$3.1314	\$1.5657	6	
Dixon		\$7.9402	\$3.9701	7	
Dominguez		\$6.9934	\$3.4967	7	
East Los Angeles		\$3.7605	\$1.8803	9	
Grand Oaks		\$2.1236	\$1.0618	5	
Hermosa Redondo		\$9.1586	\$4.5793	5	
Kern River Valley		\$4.5200	\$2.2600	4	RSF Area
King City		\$6.7536	\$3.3768	9	
Livermore		\$7.6194	\$3.8097	6	
Los Altos		\$8.1608	\$4.0804	6	
Marysville		\$5.1470	\$2.5735	6	
Oroville		\$6.1840	\$3.0920	6	
Palos Verdes		\$9.5358	\$4.7679	6	
Redwood Valley		\$4.5200	\$2.2600	4	RSF Area
Salinas		\$5.7776	\$2.8888	7	
Selma		\$3.0122	\$1.5061	8	
Stockton		\$5.5506	\$2.7753	7	
Visalia		\$2.9796	\$1.4898	7	
Westlake		\$9.2378	\$4.6189	6	
Willows		\$4.1356	\$2.0678	6	

- (a) The Drought Surcharge is equal to two (2) times the highest residential tier rate with a \$10.00 maximum EXCEPT:  
The Drought Surcharge in Rate Support Fund (RSF) areas is equal to \$4.52.  
The Drought Surcharge for districts with a 10% or less water reduction requirement is equal to the highest residential tier rate.
- (b) The Drought Surcharge for LIRA customers is 50% of the Drought Surcharge for Non-LIRA customers.
- (c) The Minimum Water Budget is set at 55 gpcd (gallons per capita per day) multiplied by the number of people per household for the area according to the U.S. Census.

( N )

[end]

Schedule No. 14.1

( N )

**WATER SHORTAGE CONTINGENCY PLAN**  
**WITH STAGED MANDATORY REDUCTIONS AND DROUGHT SURCHARGES (continued)**

Page 13

**APPENDIX B**

Supplier Name	Total Water Production  2013 (Jun - Feb)	Percent Saved (Jun-14 - Feb-15, compared to 2013)	Jul-Sep 2014 R-GPCD	Tier	Conservation Standard	Estimated Savings (Gallons)
California Water Service Company South San Francisco	2,075,673,590	8%	48.8	2	8%	166,053,887
California Water Service Company East Los Angeles	3,998,522,861	4%	51.4	2	8%	319,881,829
California Water Service Company King City	428,820,478	6%	67.7	3	12%	51,458,457
California Water Service Company Dominguez	8,444,765,582	4%	83.7	4	16%	1,351,162,493
California Water Service Company Salinas District	4,612,101,098	12%	86.0	4	16%	737,936,176
California Water Service Company Mid Peninsula	3,986,792,209	11%	87.4	4	16%	637,886,753
California Water Service Company Redwood Valley	108,182,674	24%	93.3	4	16%	17,309,228
California Water Service Company Hermosa/Redondo	2,984,799,071	0%	96.4	5	20%	596,959,814
California Water Service Company Stockton	6,808,665,567	7%	97.6	5	20%	1,361,733,113
California Water Service Company Livermore	2,781,467,781	31%	120.5	6	24%	667,552,267
California Water Service Company Marysville	575,127,769	14%	125.5	6	24%	138,030,664
California Water Service Company Oroville	830,595,287	18%	131.6	7	28%	232,566,680
California Water Service Company Dixon, City of	382,549,575	9%	144.3	7	28%	107,113,881
California Water Service Company Kern River Valley	222,882,376	10%	148.9	7	28%	62,407,065
California Water Service Company Willows	364,301,895	13%	168.6	7	28%	102,004,531
California Water Service Company Los Altos/Suburban	3,714,706,268	16%	173.8	8	32%	1,188,706,006
California Water Service Company Selma	1,492,399,536	17%	189.2	8	32%	477,567,851
California Water Service Company Visalia	8,033,215,230	11%	191.7	8	32%	2,570,628,874
California Water Service Company Bakersfield	18,863,864,960	11%	197.6	8	32%	6,036,436,787
California Water Service Company Chico District	6,759,462,002	16%	210.4	8	32%	2,163,027,841
California Water Service Company Bear Gulch	3,623,142,017	11%	252.5	9	36%	1,304,331,126
California Water Service Company Palos Verdes	5,184,622,055	4%	255.4	9	36%	1,866,463,940
California Water Service Company Antelope Valley	186,061,165	-16%	296.7	9	36%	66,982,019
California Water Service Company Westlake	2,085,449,133	8%	336.7	9	36%	750,761,688

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Vice President  
TITLE

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Resolution No.



## Antelope Valley District

ADVICE LETTER FILING MAILING LIST  
PER SECTION 111 (G) OF GENERAL ORDER NO. 96-A

### Interested Parties

Peggy Fuller, Treasurer  
Leona Valley Town Council  
P.O. Box 795  
Leona Valley, CA 93551  
[pfuller@leonavalleytc.org](mailto:pfuller@leonavalleytc.org)

Jack L. Chacanaca  
Leona Valley Cherry Growers Association  
26201 Tuolumne St.  
Mojave, CA 93501

Joseph S. Lucido, President  
Leona Valley Cherry Growers Association  
26201 Tuolumne St  
Mojave, CA 93501

### Service Area Maps Only

Los Angeles LAFCO  
Executive Officer  
383 Hall of Administration  
Los Angeles, CA 90012

Fire Chief  
Los Angeles County  
500 W. Temple Street, Room 358  
Los Angeles, CA 90012

CDF, Battalion 11  
8723 Elizabeth Lake Road  
Leona Valley, CA 93550



## Bakersfield District

ADVICE LETTER FILING MAILING LIST  
PER SECTION III (G) OF GENERAL ORDER NO. 96-A

### Competing and Adjacent Utilities:

City of Bakersfield  
1501 Truxtun Avenue  
Bakersfield, CA 93301501  
[jwstinson@bakersfieldcity.us](mailto:jwstinson@bakersfieldcity.us)

City of Bakersfield  
Water Resources Dept.  
1000 Buena Vista Rd.  
Bakersfield, CA 93311  
[mrandall@bakersfieldcity.us](mailto:mrandall@bakersfieldcity.us)

Casa Loma Water Company  
1016 Lomita Drive  
Bakersfield, CA 93307

East Niles Community Services District  
Manager: Timothy Ruiz  
P.O. Box 6038  
Bakersfield, CA 93386-6038  
Email: [truiz@eastnilescsd.org](mailto:truiz@eastnilescsd.org)

Victory Mutual Water Company  
P.O. Box 40035  
Bakersfield, CA 93304

Krista Mutual Water Company  
7025 Cuddy Valley Road  
Frazir Park, CA 93225

Oildale Mutual Water Company  
Attn: Manager Douglas Nunneley  
P.O. Box 5638  
Bakersfield, CA 93388  
Email: [dnunneley@yahoo.com](mailto:dnunneley@yahoo.com)

Stockdale Annex Mutual Water Company  
P.O. Box 9726  
Bakersfield, CA 93386-9726



## Bakersfield District

### Other Utilities and Interested Parties Requesting Notification:

Kern County Water Agency  
Attn: Eric Averett  
P.O. Box 58  
Bakersfield, CA 93302

Robert Norwood  
2803 Loyola St.  
Bakersfield, CA 93306

### Service Maps

Kern County LAFCO  
Executive Officer  
5300 Lennox Avenue Ste.303  
Bakersfield, CA 93309  
Email: [KCLAFCO@bak.rr.com](mailto:KCLAFCO@bak.rr.com)

Kern County Fire Department  
Attn: Fire Chief  
1115 Truxtun Avenue  
Bakersfield, CA 93301

City of Bakersfield  
Attn: Fire Chief  
2101 H St.  
Bakersfield, CA 93301  
Email: [rfraze@bakersfieldfire.us](mailto:rfraze@bakersfieldfire.us)



## Bayshore District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

### Municipalities and Governmental Agencies

City of San Carlos  
Attn: Linda Navarro  
600 Elm Street  
San Carlos, CA 94070  
Email: [rweil@cityofsancarlos.org](mailto:rweil@cityofsancarlos.org)

City of San Mateo, City Hall  
330 West 20th Ave.  
San Mateo, CA 94403  
Email: [vhansen@cityofsanmateo.org](mailto:vhansen@cityofsanmateo.org)

### Adjacent Private and Public Utilities

Mid-Peninsula Water District  
Attn: Tammy Rudock  
P.O. Box 129  
Belmont, CA 94002  
[tammyr@midpeninsulawater.org](mailto:tammyr@midpeninsulawater.org)

Justin Ezell  
Public Works Superintendent  
1400 Broadway  
Redwood City, CA 94063-2505  
Email: [jezell@redwoodcity.org](mailto:jezell@redwoodcity.org)

Ray Towne, Director of Public Works  
Foster City  
610 Foster City Blvd.  
Foster City, CA 94404  
Email: [rtowne@fostercity.org](mailto:rtowne@fostercity.org)

City of Burlingame  
501 Primrose Rd.  
Burlingame, CA 94010  
Email: [amorimoto@burlingame.org](mailto:amorimoto@burlingame.org)

Town of Hillsborough  
1600 Floribunda Ave.  
Hillsborough, CA 94010

City of South San Francisco  
400 Grand Avenue  
South San Francisco, CA 94080  
Attn: Barry Nagal

San Bruno Water Department  
567 El Camino Real  
San Bruno, CA 94066

Daly City DWWR  
Attn: Patrick Sweetland  
153 Lake Merced Blvd.  
Daly City, CA 94005  
Email: [psweetland@dalcycity.org](mailto:psweetland@dalcycity.org)

City of Brisbane  
Attn: Betsy Cooper  
50 Park Place  
Brisbane, CA 94005  
Email: [bcooper@ci.brisbane.ca.us](mailto:bcooper@ci.brisbane.ca.us)

Westborough Water District  
P.O. Box 2747  
South San Francisco, CA 94083



## Bayshore District

Email: [mdebry@hillsborough.net](mailto:mdebry@hillsborough.net)

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Other Interested Parties

Mr. John Gardner  
Tilden Engineering  
P.O. Box 897  
Menlo Park, CA 94026

#### Service Area Maps Only

LAFCO (Local Agency Formation Commission)  
Executive Officer, San Mateo LAFCO  
County Government Center, Redwood City, CA 94063  
Email: [mpoyatos@co.sanmateo.ca.us](mailto:mpoyatos@co.sanmateo.ca.us)

Fire Department Servicing  
Affected Area



## Bear Gulch District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Menlo Park  
Attn: Carol Augustine  
701 Laurel Street  
Menlo Park, CA 94025  
Email: [ctaugustine@menlopark.org](mailto:ctaugustine@menlopark.org)

City of Menlo Park  
Attn: Lisa Ekers  
701 Laurel Street  
Menlo Park, CA 94025  
Email: [leakers@menlopark.org](mailto:leakers@menlopark.org)

City of Palo Alto  
Attn: Erik Keniston  
250 Hamilton Avenue  
Palo Alto, CA 94301  
Email: [eric.keniston@cityofpaloalto.org](mailto:eric.keniston@cityofpaloalto.org)

#### Service Area Maps - only

Gail Sredanovic  
2161 Ashton Avenue  
Menlo Park, CA 94025

Town of Portola Valley  
Public Works Director  
765 Portola Rd.  
Portola Valley, CA 94028  
Email: [hyoung@portolavalley.net](mailto:hyoung@portolavalley.net)

LAFCO  
Executive Officer Ms. Martha Poyatos  
455 County Center, 2<sup>nd</sup> Floor  
Redwood City, CA 94063-1663

Town of Atherton  
Attn: Duncan Jones  
91 Ashfield Rd.  
Atherton, CA 94027  
Email: [djones@ci.atherton.ca.us](mailto:djones@ci.atherton.ca.us)

Fire Department Servicing Affected Area

Town of Woodside  
P.O. Box 620005  
Woodside, CA 94062

#### Adjacent Private and Public Utilities

City of Menlo Park Water Dept.  
701 Laurel Street  
Menlo Park, CA 94025  
Email: [jpmcgirr@menlopark.org](mailto:jpmcgirr@menlopark.org)

Redwood City Water Department  
P.O. Box 391  
Redwood City, CA 94064

Los Trancos Water District  
1263 Los Trancos Road  
Portola Valley, CA 94025





## Chico District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Chico  
Attn: Frank Fields  
P.O. Box 3420  
Chico, CA 95927-3420  
Email: [ffield@ci.chico.ca.us](mailto:ffields@ci.chico.ca.us)

City of Chico  
Attn: Dave Burkland  
City Manager  
P.O. Box 3420  
Chico, Ca 95927  
[dburkland@ci.chico.ca.us](mailto:dburkland@ci.chico.ca.us)

City of Chico  
Attn: John Rucker  
Assistant City Manager  
P.O. Box 3420  
Chico, Ca 95927  
[jrucker@ci.chico.ca.us](mailto:jrucker@ci.chico.ca.us)

#### Service Area Maps

Butte LAFCO  
1453 Downer Street, Suite C  
Oroville, CA 95965  
Email: [jstover@buttecounty.net](mailto:jstover@buttecounty.net)

(Service in Unincorporated Butte County)  
Butte County Fire Rescue  
Attn: Fire Chief  
176 Nelson Ave  
Oroville, CA 95965



## Dixon District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Dixon  
Attn: Finance Dept.  
600 East A Street  
Dixon, CA 95620  
*(Dixon finance department only wants notices of rate increases, not other filings)*

#### Adjacent Private and Public Utilities

Solano Irrigation District  
Attn: General Manager  
508 Elmira Road  
Vacaville, CA 95687  
Email: [admin@sidwater.org](mailto:admin@sidwater.org)

Maine Prairie Water District  
P.O. Box 73  
Dixon, CA 95620

#### Service Area Maps

LAFCO (Local Agency Formation Commission)  
Executive Officer  
Solano LAFCO  
675 Texas Street  
Fairfield, CA 94533

Fire Chief  
City of Dixon  
600 East A Street  
Dixon, CA 95620



## Dominguez District

### ADVICE LETTER FILING MAILING LIST PER SECTION 111 (G) OF GENERAL ORDER NO. 96-A

#### Adjacent Privately and Publicly Owned Utilities

City of Torrance Water Department  
Attn: Alan Berndt  
20500 Madrona Ave  
Torrance, CA 90630  
Email: [aberndt@torranceca.gov](mailto:aberndt@torranceca.gov)

City of Compton Municipal Water  
Department  
205 S. Willowbrook Avenue  
Compton, CA 90220

City of Los Angeles  
Department of Water and Power  
P.O. Box 51111, Room 956  
Los Angeles, CA 90051-0100  
Email: [Richard.west@ladwp.com](mailto:Richard.west@ladwp.com)

City of Long Beach Water Department  
1800 East Wardlow Road  
Long Beach, CA 90807

Golden State Water Company  
Attn: Regulatory Affairs  
630 East Foothill Blvd.  
San Dimas, CA 91733

Park Water Company  
P.O. Box 7002  
Downey, CA 90241-7002  
Email: [pwcadviceletterservice@parkwater.com](mailto:pwcadviceletterservice@parkwater.com)

#### Service Area Maps

Los Angeles LAFCO  
Executive Officer  
383 Hall of Administration  
Los Angeles, Ca 90012

Fire Department Servicing Affected Area



## East Los Angeles District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Commerce  
Attn: Bob Zarrihi  
2535 Commerce Way  
Commerce, CA 90040

City of Montebello, Engineering Dept  
Attn: Roberta King,  
1600 W. Beverly Blvd.  
Montebello, CA 90640

City of Vernon  
4305 Santa Fe Ave.  
Vernon, CA 90058

City of Monterey Park  
Attn: Victor Meza  
Water Department  
320 W. Newmark Ave.  
Monterey Park, CA 91754

City of Los Angeles  
Dept. of Water & Power  
Attn: Richard West  
P.O. Box 51111, Room 956  
Los Angeles, CA 90051-0100  
Email: [richard.west@ladwp.com](mailto:richard.west@ladwp.com)

#### Adjacent Private and Public Utilities

Park Water Company  
P.O. Box 7002  
Downey, CA 90241-7002  
Email: [pwcadviceletterservice@parkwater.com](mailto:pwcadviceletterservice@parkwater.com)

San Gabriel Valley Water Company  
Attn: Daniel A. Dell'Osa  
11142 Garvey Ave.  
El Monte, CA 91733  
Email: [dadellosa@sgvwwater.com](mailto:dadellosa@sgvwwater.com)

Montebello Land & Water Company  
Attn: Kenneth S. Bradbury  
344 E. Madison Avenue  
Montebello, CA 90640  
Email: [ken@mtblw.com](mailto:ken@mtblw.com)

South Montebello Irrigation District  
Attn: David Herrera  
864 W. Washington Blvd.  
Montebello, CA 90640

#### Service Area Maps

Los Angeles LAFCO  
Executive Officer  
383 Hall of Administration  
Los Angeles, CA 90020

Los Angeles County Fire Dept.  
Attn: Alfie Blanch  
5847 Rickenbacker Rd.  
Commerce, CA 90040  
[ablanch@fire.lacounty.gov](mailto:ablanch@fire.lacounty.gov)

Fire Department Servicing Affected Area



## Hermosa-Redondo District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Hermosa Beach  
1315 Valley Drive  
Hermosa Beach, CA 90254  
Email: [rmorgan@hermosabch.org](mailto:rmorgan@hermosabch.org)

City of Redondo Beach, Public Works Dept.  
Attn: Rob Osborne  
415 Diamond Street,  
Redondo Beach, CA 90277  
Email: [rob.osborne@redondo.org](mailto:rob.osborne@redondo.org)

City of Torrance, Dept. of Water  
Attn: Alan Berndt  
20500 Madrona Ave  
Torrance, CA 90630  
Email: [aberndt@torranceca.gov](mailto:aberndt@torranceca.gov)

#### Adjacent Private and Public Utilities

City of Manhattan Beach  
Attn: Rob Erikson  
3621 Bell Avenue  
Manhattan Beach, CA 90266

City of Hawthorne  
4455 W. 126th St.  
Hawthorne, CA 90250

City of Los Angeles, Dept. of Water & Power  
Mr. Richard A. West, Rates Manager  
P.O. Box 51111, Room 956  
Los Angeles, CA 90051-0100  
Email: [richard.west@ladwp.com](mailto:richard.west@ladwp.com)

Golden State Water Company  
Attn: Ronald Moore, Regulatory Affairs  
630 East Foothill Blvd.  
San Dimas, CA 91773

Park Billing Company  
Attn: Tina Davis and Vicky Miller  
P. O. Box 910  
Dixon, CA 95620  
Email: [vmiller@parkbilling.com](mailto:vmiller@parkbilling.com)  
Email: [tdavis@parkbilling.com](mailto:tdavis@parkbilling.com)

#### Service Area Maps

Los Angeles LAFCO  
Executive Officer  
383 Hall of Administration  
Los Angeles, Ca 90012

Los Angeles County Fire Dept.  
Attn: Alfie Blanch  
5847 Rickenbacker Rd.  
Commerce, CA 90040  
[ablanch@fire.lacounty.gov](mailto:ablanch@fire.lacounty.gov)

Fire Department Servicing Affected Area



## Kern River Valley District

### ADVICE LETTER FILING MAILING LIST PER SECTION 111 (G) OF GENERAL ORDER NO. 96-A

#### Interested Parties

Jim Davis  
8824 Cache  
Leona Valley, CA 93551

Rob Benson  
PO Box 1557  
Kernville, Ca 93238  
[rcbenson@earthlink.net](mailto:rcbenson@earthlink.net)

Darlene Studdard  
Committee Member  
Residents Against Water Rates  
PO Box 3701  
Wofford Heights, Ca 93285-3701  
For: Residents Against Water Rates (Raw)

Jeremy Callihan  
Department of Water Resources  
Safe Drinking Water Program  
1416 Ninth Street, Rm. 816  
Sacramento, CA 95814

Linda Ng  
Department of Water Resources  
Safe Drinking Water Program  
1416 Ninth Street, Rm. 816  
Sacramento, CA 95814

#### Service Area Map only

Kern County LAFCO  
Executive Officer  
5300 Lennox Avenue  
Suite 303  
Bakersfield, CA 93309  
Email: [KCLAFCO@bak.rr.com](mailto:KCLAFCO@bak.rr.com)



## King City District

ADVICE LETTER FILING MAILING LIST  
PER SECTION III (G) OF GENERAL ORDER NO. 96-A

### Municipalities and Governmental Agencies

King City  
212 S. Vanderhurst Avenue  
King City, CA 93930  
Attn: Jim Larson, Finance Director

### Adjacent Private and Public Utilities

Little Bear Water Company  
51201 Pine Canyon Road, Space #125  
King City, CA 93930

Park Billing Company  
Attn: Tina Davis and Vicky Miller  
P. O. Box 910  
Dixon, CA 95620  
Email: [vmiller@parkbilling.com](mailto:vmiller@parkbilling.com)  
Email: [tdavis@parkbilling.com](mailto:tdavis@parkbilling.com)

### Service Area Maps Only

Kate McKenna, E.O.  
LAFCO of Monterey County  
Local Agency Formation Commission  
P O Box 1369, Salinas, CA 93902

Fire Chief  
King City  
212 S. Vanderhurst Avenue  
King City, CA 93930



## Livermore District

ADVICE LETTER FILING MAILING LIST  
PER SECTION III (G) OF GENERAL ORDER NO. 96-A

### Municipalities and Governmental Agencies

City of Livermore  
Utility Billing Division  
Attn: Erik Peterson  
1052 S. Livermore Ave.  
Livermore, CA 94550  
Email: [etpeterson@ci.livermore.ca.us](mailto:etpeterson@ci.livermore.ca.us)

Alameda County Flood Control  
& Water Conservation District  
Zone 7 Water Agency  
100 North Canyons Parkway  
Livermore, CA 94551

### Service Area Maps Only

Mona Palacios Executive Officer  
Alameda LAFCO  
1221 Oak Street Room 555  
Oakland, CA 94612  
Email: [mona.palacios@acgov.org](mailto:mona.palacios@acgov.org)

Fire Chief  
City of Livermore  
1052 S. Livermore Avenue  
Livermore, CA 94550



## Los Altos District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Cupertino  
Attn: Timm Borden  
10300 Torre Avenue  
Cupertino, CA 95014-3202

City of Los Altos  
Attn: Jim Gustafson  
1 North San Antonio Rd.  
Los Altos, CA 94022

Town of Los Altos Hills  
Attn: Carl Cahill  
26379 Fremont Road  
Los Altos Hills, CA 94022

#### Adjacent Private and Public Utilities

San Jose Water Company  
Attn: Palle Jensen  
374 W. Santa Clara St.  
San Jose, CA 95196  
Email: [palle.jensen@sjwater.com](mailto:palle.jensen@sjwater.com)

Purissima Hills County Water District  
Attn: Patrick D. Walter  
26375 Fremont Rd.  
Los Altos, CA 94022  
Email: [pwalter@purissimawater.org](mailto:pwalter@purissimawater.org)

City of Mountain View, Water Dept.  
231 N. Whisman Rd.  
Mt. View, CA 94043  
Email: [will.medina@mountainview.gov](mailto:will.medina@mountainview.gov)

City of Sunnyvale, Water Dept.  
Attn: Val Conzet Water Operations Manager  
P.O. Box 3707  
Sunnyvale, CA 94088-3703  
Email: [vconzet@ci.sunnyvale.ca.us](mailto:vconzet@ci.sunnyvale.ca.us)  
[jperry@ci.sunnyvale.ca.us](mailto:jperry@ci.sunnyvale.ca.us)

City of Santa Clara, Water Dept.  
Attn: Alan Kurotori  
Water and Sewer Utilities  
1500 Warburton Ave.  
Santa Clara, CA 95050

City of Palo Alto, City Hall  
Attn: Catherine Cox  
250 Hamilton Ave.  
Palo Alto, CA 94301  
Email: [catherine.cox@cityofpaloalto.org](mailto:catherine.cox@cityofpaloalto.org)

#### Other Parties Requesting Notification

Great Oaks Water Company  
15 Great Oaks Blvd. #100  
San Jose, CA 95119  
Email: [bloehr@greatoakswater.com](mailto:bloehr@greatoakswater.com)

Santa Clara Valley Water District  
5750 Almaden Expressway  
San Jose, CA 95118  
Email: [dtaylor@valleywater.org](mailto:dtaylor@valleywater.org)

#### Service Area Maps Only

LAFCO of Santa Clara County  
Neelima Palacherla, Executive Director  
70 W. Hedding St. 11<sup>th</sup> Floor  
San Jose, CA 95110  
Email: [neelima.palacherla@ceo.sccgov.org](mailto:neelima.palacherla@ceo.sccgov.org)

Fire Department Serving Affected Area



## Marysville District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Marysville  
Attn: Dixon Coulter  
P.O. Box 150  
Marysville, CA 95901  
Email: [dcoulter@marysville.ca.us](mailto:dcoulter@marysville.ca.us)

#### Adjacent Private and Public Utilities

City of Yuba City  
Utilities Director  
302 Burns Drive  
Yuba City, CA 95991

Olivehurst Public Utility District  
Attn: Gary Plasterer  
P.O. Box 670  
Olivehurst, CA 95961

Linda County Water District  
Attn: Dave Gothrow, Mgr.  
1280 Scales  
Marysville, CA 95901

#### Service Area Maps only

Yuba County LAFCO  
915 8<sup>th</sup> Street, Suite 107  
Marysville, CA 95901

CDF – Northern Region Chief  
P.O. Box 944246  
Sacramento, CA 94244-2460

Fire Department Serving Affected Area



## Oroville District

ADVICE LETTER FILING MAILING LIST  
PER SECITON III (G) OF GENERAL ORDER NO. 96-A

### Municipalities and Governmental Agencies

City of Oroville  
Attn: Diane MacMillian  
1735 Montgomery Street  
Oroville, CA 95965

### Adjacent Private and Public Utilities

Thermalito Irrigation District  
Attn: Jayme Boucher  
410 Grand Ave.  
Oroville, CA 95965  
Email: [jboucher@twisd.info](mailto:jboucher@twisd.info)

South Feather Water & Power  
Attn: Mike Glaze  
2310 Oroville Quincy Hwy.  
Oroville, CA 95966  
Email: [glaze@southfeather.com](mailto:glaze@southfeather.com)

### Service Area Maps Only

Butte County LAFCO  
1453 Downer St. Ste. C  
Oroville, CA 95965  
Email: [jstover@buttecounty.net](mailto:jstover@buttecounty.net)

Fire Chief  
City of Oroville  
1735 Montgomery Street  
Oroville, CA 95965



## Palos Verdes District

ADVICE LETTER FILING MAILING LIST  
PER SECITON III (G) OF GENERAL ORDER NO. 96-A

### Municipalities and Governmental Agencies

City of Lomita  
Attn: Woody Thurlow  
P.O. Box 339  
Lomita, CA 90717

City of Palos Verdes Estates  
Attn: Judy Smith  
340 Palos Verdes Drive West  
Palos Verdes Estates, CA 90274  
Email: [cityclerk@pvestates.org](mailto:cityclerk@pvestates.org)

City of Rancho Palos Verdes  
30940 Hawthorne Blvd.  
Rancho Palos Verdes, CA 90275  
Email: [publicworks@rpv.com](mailto:publicworks@rpv.com)

City of Rolling Hills  
No. 2 Portuguese Bend Road  
Rolling Hills, CA 90274  
Email: [hluce@cityofrh.net](mailto:hluce@cityofrh.net)

City of Rolling Hills Estates  
Attn: Mike Whitehead  
4045 Palos Verdes Drive North  
Rolling Hills Estates, CA 90274

### Adjacent Private and Public Utilities

City of Torrance, Water Dept.  
Attn: Alan Berndt  
20500 Madrona Ave  
Torrance, CA 90630  
Email: [aberndt@torranceca.gov](mailto:aberndt@torranceca.gov)

Mr. Richard A. West, Rates Manager  
City of Los Angeles, Dept. of Water & Power  
P.O. Box 51111  
Los Angeles, CA 90051-0100  
Email: [richard.west@ladwp.com](mailto:richard.west@ladwp.com)

### Service Area Maps

Los Angeles LAFCO  
Executive Officer  
383 Hall of Administration  
Los Angeles, CA 90012

Los Angeles County Fire Dept.  
Attn: Alfie Blanch  
5847 Rickenbacker Rd.  
Commerce, CA 90040  
[ablanch@fire.lacounty.gov](mailto:ablanch@fire.lacounty.gov)

Fire Department Servicing Affected Area



## Redwood Valley District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

Jeffrey Young  
473 Woodley Place  
Santa Rosa, CA 95409  
Email: [jff yng@gmail.com](mailto:jff yng@gmail.com)

Marcos Pareas  
P. O. Box 152  
Dillon Beach, CA 94929  
Email: [mapreas@gmail.com](mailto:mapreas@gmail.com)

County of Marin  
Director of Public Works  
P. O. Box 4186  
San Rafael, CA 94913-4186

County of Lake  
Special Districts  
230 North Main  
Lakeport, CA 95453

Joshua Ziese  
California Department of Public Health  
P.O. Box 997377, MS 7418  
1616 Capital Ave.  
Sacramento, CA 95899

Lance Reese  
California Department of Public Health  
P.O. Box 997377, MS 7418  
1616 Capital Ave.  
Sacramento, CA 95899

#### Service Area Maps only

County of Marin LAFCO  
3501 Civic Center Drive  
San Rafael, CA 94903

Fire Department Serving Affected Area



## Salinas District

### ADVICE LETTER MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Salinas  
City Engineer  
200 Lincoln Avenue  
Salinas, CA 93901

City of Salinas  
City Attorney  
200 Lincoln Avenue  
Salinas, CA 93901  
Email: [vanessav@ci.salinas.ca.us](mailto:vanessav@ci.salinas.ca.us)  
Email: [chrisc@ci.salinas.ca.us](mailto:chrisc@ci.salinas.ca.us)

#### Adjacent Private and Public Utilities

Park Billing Company  
Attn: Tina Davis and Vicky Miller  
P.O. Box 910  
Dixon, CA 95620  
Email: [vmiller@parkbilling.com](mailto:vmiller@parkbilling.com)  
Email: [tdavis@parkbilling.com](mailto:tdavis@parkbilling.com)

Gavilan Water Company  
644 San Juan Grade Road  
Salinas, CA 93906

Alco Water Service  
Attn: Tom Adcock  
249 Williams Road  
Salinas, CA 93905

Monterey County Administration  
855 East Laurel Drive, Bldg C  
Salinas, CA 93905

#### Service Area Maps

Executive Officer  
LAFCO of Monterey County  
P.O. Box 1369  
Salinas, CA 93902

Fire Chief  
City of Salinas  
200 Lincoln Avenue  
Salinas, CA 93901



## Selma District

ADVICE LETTER FILING MAILING LIST  
PER SECTION III (G) OF GENERAL ORDER NO. 96-A

### Municipalities and Governmental Agencies

City of Selma, City Hall  
1710 Tucker Street  
Selma, CA 93662  
Email: [DBH@CityofSelma.com](mailto:DBH@CityofSelma.com)

### Adjacent Private and Public Utilities

City of Fowler  
Attn: D. Weisser  
128 S. 5th Street  
Fowler, CA 93625  
Email: [DWeisser@ci.fowler.ca.us](mailto:DWeisser@ci.fowler.ca.us)

### Other Parties Request Notification

City of Fresno, Dept. of Public Works  
2600 Fresno Street  
Fresno, CA 93721-3624

### Service Area Maps only

LAFCO (Local Agency Formation Commission)  
Attn: Executive Officer  
2115 Kern St. Ste.310  
Fresno, CA 93721  
Email: [jewitte@co.fresno.ca.us](mailto:jewitte@co.fresno.ca.us)

Fire Chief  
City of Selma  
1710 Tucker Street  
Selma, CA 93662



## Stockton District

ADVICE LETTER FILING MAILING LIST  
PER SECTION III (G) OF GENERAL ORDER NO. 96-A

### Municipalities and Governmental Agencies

City of Stockton  
Attn: Sara Cortes  
425 N. El Dorado St.  
Stockton, CA 95202

San Joaquin County Board of Supervisors  
44 N. San Joaquin St. Ste. 627  
Stockton, CA 95202  
Email: [lsahyoun@sjgov.org](mailto:lsahyoun@sjgov.org)

### Adjacent Private and Public Utilities

City of Stockton Municipal Utility Dept.  
2500 Navy Drive  
Stockton, CA 95206

Director of Public Works, County of San Joaquin  
1810 East Hazelton Ave.  
Stockton, CA 95205  
Email: [vaguilar@sjgov.org](mailto:vaguilar@sjgov.org)

Stockton-East Water District  
6767 East Main Street  
Stockton, CA 95215  
Email: [sewd@sewd.net](mailto:sewd@sewd.net)

### Other Parties Requesting Notification

Heinz, USA  
Attn: Tom McMurty  
P.O. Box 57  
Stockton CA 95201

Commanding Officer (Code 136)  
Naval Facilities Engineering Com.  
Re: Cont. #N68711-74-M-7250-P00999  
Cont. #N68711-75-C-5006-P00999  
1220 Pacific Highway  
San Diego CA 92132

### Service Area Maps

San Joaquin LAFCO  
509 W. Weber Ave. Ste 420  
Stockton, CA 95203

City of Stockton  
Fire Chief  
425 North El Dorado St.  
Stockton, CA 95202

Park Billing Company  
Attn: Tina Davis and Vicky Miller  
P. O. Box 910  
Dixon, CA 95620  
Email: [vmiller@parkbilling.com](mailto:vmiller@parkbilling.com)  
Email: [tdavis@parkbilling.com](mailto:tdavis@parkbilling.com)

Pearl West  
3731 Portsmouth Circle North  
Stockton, CA 95219





## Visalia District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Visalia  
c/o Dooley, Herr, Carlson & Peltzer  
100 Willow Plaza, Suite 300  
Visalia, CA 93291  
Attn: Kenneth Richardson  
559-636-5600 Fax 559-636-9759  
559-636-5601 Email: [kenr@dhlaw.net](mailto:kenr@dhlaw.net)

Osa Wolff  
[wolff@smwlaw.com](mailto:wolff@smwlaw.com)

#### Adjacent Private and Public Utilities

Bedel Water Company  
Attn: Glen Lublin  
2536 E. College Ave  
Visalia, CA 93292  
559-713-0794

#### Service Area Maps

Tulare County Resource Management Agency  
LAFCO  
Executive Officer  
5961 S. Mooney Blvd.  
Visalia, CA 93277  
559-733-6291 Fax 559-730-2653

Fire Chief  
City of Visalia  
707 West Acequia Street  
Visalia, CA 93291



## Westlake District

### ADVICE LETTER FILING MAILING LIST PER SECTION III (G) OF GENERAL ORDER NO. 96-A

#### Municipalities and Governmental Agencies

City of Thousand Oaks  
Attn: Jay Spurgin, Deputy Public Works Director  
2100 Thousand Oaks Blvd.  
Thousand Oaks, CA 91362-2903

#### Adjacent Private and Public Utilities

City of Los Angeles, Dept. of Water & Power  
Mr. Richard A. West, Rates Manager  
P.O. Box 51111, Room 956  
Los Angeles, CA 90051-0100  
Email: [Richard.west@ladwp.com](mailto:Richard.west@ladwp.com)

California-American Water Company  
4701 Beloit Drive  
Sacramento, CA 95838-2434  
Email: [ca.rates@amwater.com](mailto:ca.rates@amwater.com)

Ventura Regional Sanitation District  
Attn: Jocelyn Blysm  
1001 Partridge Dr., Suite 150  
Ventura, CA 93003

Las Virgenes Municipal Water District  
Attn: Carol Palma  
4232 Las Virgenes Road  
Calabasas, CA 91302

#### Service Area Maps

Fire Department Servicing Affected Area  
Ventura LAFCO  
Executive Officer  
800 S. Victoria Avenue  
Ventura, CA 93009-1850  
Email: [kim.uhlich@ventura.org](mailto:kim.uhlich@ventura.org)



## Willows District

**ADVICE LETTER FILING MAILING LIST  
PER SECTION III (G) OF GENERAL ORDER NO. 96-A**

City of Willows  
Civic Center  
201 N. Lassen Street  
Willows, CA 95988

**Service Area Maps Only**

Christy Leighton, Executive Officer  
County of Glenn Local Agency Formation Commission  
125 South Murdock  
Willows, California 95988

Fire Chief  
City of Willows  
201 North Lassen Street  
Willows, CA 95988  
Email: [wpeabody@cityofwillows.org](mailto:wpeabody@cityofwillows.org)

**Chapter 13.25****WATER EFFICIENT LANDSCAPE**

## Sections:

- 13.25.010 Authority.
- 13.25.020 Findings – Purpose.
- 13.25.030 Applicability.
- 13.25.040 Definitions.
- 13.25.050 Landscape documentation package required.
- 13.25.060 Elements of a landscape documentation package.
- 13.25.070 Public education.

**13.25.010 Authority.**

This chapter is enacted under the Water Conservation and Landscaping Act (Government Code Section 65591 et seq.) and is a “water efficient landscape ordinance” adopted by a local agency under that Act. (Ord. 1399 § 1, 1992)

**13.25.020 Findings – Purpose.**

A. The city council finds and declares that the state of California is historically an arid environment with limited amounts of water resources. There are enormous costs to the citizens and ecosystem of the state to maintain current water resources systems and create new systems to meet current and future demands for water. Therefore, the city council finds that it is in the public interest of the citizens of the city and the state to require the wise and efficient use of a limited and costly resource through regulations that require and promote water conservation.

B. The purpose of this chapter is to establish standards for designing, installing, and maintaining water efficient landscapes in new and existing development projects. This is accomplished through the requirements for responsible landscape design, irrigation and management which utilize reasonable amounts of water while ensuring that aesthetic, functional, energy and environmental benefits of landscapes are achieved with the maximum amount of design freedom. (Ord. 1399 § 1, 1992)

**13.25.030 Applicability.**

A. Except as noted in subsections B and C of this section, the provisions of this chapter apply to:

1. All new and rehabilitated landscaping installed either for or by public agencies;

2. All new and rehabilitated landscaping for commercial and industrial development projects that require a permit or discretionary approval from the city;

3. All new and rehabilitated developer-installed landscaping in multifamily residential projects;

4. All new developer-installed landscaping in single-family residential projects

B. Only the water budget provisions of this chapter (LMC 13.25.060(B)) shall apply to:

1. All new homeowner provided landscaping in single-family projects. LMC 13.25.060(G)(2)(a) requiring a separate landscaping water meter, does not apply to single-family homes.

C. The following categories of users are exempt from this chapter:

- 1. Cemeteries;
- 2. Registered historical sites;
- 3. Ecological restoration projects and mined-land reclamation projects that do not require a permanent irrigation system;
- 4. Projects using reclaimed water as defined and approved by the city;
- 5. Projects that contain less than 2,500 square feet of landscape area. (Ord. 1399 § 1, 1992)

**13.25.040 Definitions.**

1. “Amendment” means any material added to the soil to alter the pH or improve the physical properties of the soil.

2. “Anti-drain or check valve” means a valve, located under a sprinkler head and installed lower than the lowest head on the system, to hold water in the system so it minimizes drainage from the lower elevation sprinkler heads.

3. “Application rate” means the depth of water applied to a given area, usually measured in inches per hour

4. “Applied water” means the portion of water supplied by the irrigation system to the landscape.

5. “Automatic controller” means a mechanical or solid state timer, capable of operating valve stations to set the days and length of time of a water application.

6. “Backflow prevention device” means a safety device used to prevent pollution or contamination of the water supply due to the reverse flow of water from the irrigation system.

7. “Bubbler” means an irrigation head that delivers water to the root zone by “flooding” the planted area, usually measured in gallons per minute. Bubblers exhibit a trickle, umbrella, or short stream pattern.

8. “Conversion factor” means a number that converts the maximum landscape water allowance from square feet to gallons per square foot per year.

9. “Cycle” means the complete operation of an irrigation controller station.

10. “Drip irrigation” means surface or subsurface irrigation systems which apply water through low volume emitters.

11. “Ecological restoration project” means a project where the site is intentionally altered to establish a defined, indigenous, historic ecosystem.

12. “Established landscape” means the point in time at which plants in the landscape have developed roots into the soil adjacent to the root ball.

13. “Establishment period” means the first year after installing the plant in the landscape.

14. “Estimated applied water use” means the annual total amount of water estimated to be needed to keep the plants in the landscape healthy.

15. “ET adjustment factor” means a factor of 0.7 applied to reference evapotranspiration, that adjusts for plant factors and irrigation efficiency, the two major influences upon the amount of water that needs to be applied to the landscape.

16. “Evapotranspiration” means the quantity of water evaporated from adjacent soil surfaces and transpired by plants during a specific time, expressed in inches per day, month or year.

17. “Flow rate” means the rate at which water flows through pipes and valves (gallons per minute or cubic feet per second).

18. “Grading” means earthwork performed to alter the natural contours of an area.

19. “Hydrozone” means a portion of the landscaped area having similar microclimate, and soil conditions, and plants with similar water needs that are served by a valve or set of valves with the same schedule. A hydrozone may be irrigated or nonirrigated. For example, a naturalized area planted with native vegetation that will not need supplemental irrigation once established in a nonirrigated hydrozone.

20. “Hardscape” means and includes paving, decks, patios, and other hard, nonporous surfaces.

21. “Infiltration rate” means the rate of water entry into the soil expressed as a depth of water per unit of time (inches per hour).

22. “Irrigated landscape area” means the entire parcel less the building footprint, driveways, non-irrigated portions of parking lots, and other hardscape areas. Landscape areas encompass all portions of a development site to be improved with planting and irrigation. They include water bodies such as fountains, swimming pools and ponds. Natural open spaces without irrigation systems are not included.

23. “Irrigation efficiency” means the measurement of the amount of water beneficially used divided by the amount of water applied. Irrigation efficiency is derived from measurements and estimates of irrigation system, characteristics and management practices.

24. “Irrigation system” means a complete connection of system components, including the water source, the water distribution network, controller and the necessary irrigation equipment.

25. “Landscape irrigation audit” means a process to perform site inspections, evaluate irrigations systems, and develop efficient irrigation schedules.

26. “Lateral line” means the water delivery pipeline that supplies water from the source to the emitters or sprinklers from the valve or outlet.

27. “Low water using or extra-drought-tolerant plant” means a plant that can survive without irrigation throughout the year once established, although supplemental water may be desirable during drought periods for improved appearance and disease resistance. Plants in Water-Conserving-Plants and Landscape for the Bay Area (second edition), published by East Bay Municipal Utility District, that can tolerate “no water after second year” are examples of such plants.

28. “Main line” means the pressurized pipeline that delivers water from the water source to the valve or outlet.

29. “Maximum applied water allowance” or “water budget.” For design purpose, it is the upper limit of annual applied water for the established landscaped area. It is based upon the area’s reference evapotranspiration, the ET adjustment factor, and the size of the landscaped area.

30. “Median” means a planted area which separates two roadways or divides a portion of a road into two or more lanes.

31. “Moderate water using or semi-drought-tolerant plant” means a plant that can survive throughout the year with occasional irrigation.

32. “Mined-land reclamation projects” means any surface mining operation with a reclamation plan approved in accordance with the Surface Projects: Mining and Reclamation Act of 1975.

33. “Mulch” means materials such as leaves, bark, straw, or sawdust, left loose and applied to the soil surface to retain moisture, retard weed growth, or prevent erosion.

34. “High water using or nondrought-tolerant plant” means a plant that will require regular irrigation for adequate appearance, growth and disease resistance.

35. “Operating pressure” means the pressure at which a system of sprinklers is designed to operate, usually indicated at the base of a sprinkler.

36. “Overspray” means water which is delivered beyond the landscaped area, wetting pavements, walks, structures, or other nonlandscaped areas.

37. “Plant factor” means a factor that when multiplied by reference evapotranspiration estimates the amount of water used by plants.

38. “Point of connection” means the point at which an irrigation system connects into public water system. This is usually that point at which the meter and back-flow prevention device is located or will be installed.

39. “Precipitation rate” means the rate of water arriving at the soil surface via rainfall or an irrigation system discharge, expressed as a depth of water per unit of time (inches per hour).

40. “Rain sensing device” means a device wired to the automatic controller that shuts off the irrigation system when it rains.

41. “Recreational area” means of active play or recreation such as sports fields, school yards, picnic grounds, or other areas with intense foot traffic.

42. “Recycled water” or “reclaimed water” means treated or recycled wastewater of a quality reclaimed water suitable for nonpotable uses such as landscape irrigation; not intended for human consumption.

43. “Reference evapotranspiration” means the evapotranspiration rate for a particular geographical area, such as the city.

44. “Rehabilitated landscape” means any planting area in which at least 50 percent of the landscape area is replaced or modified. Examples

include a change of landscape, installations of a new irrigation system, and grading modifications.

45. “Remote control valve” means a valve in an irrigation system which is activated by an automatic electric controller via an electric control wire.

46. “Runoff” means water which is not absorbed by the soil to which it is applied. Runoff usually occurs when water is applied at too great a precipitation rate, when water is applied to saturated soils, or when water is applied to a steep slope.

47. “Site plan” means a base sheet that includes the basic information that will appear on all plans, such as natural features, roads, buildings, or other structures to remain on-site.

48. “Soil moisture sensor” means an instrument for measuring the moisture content of the soil and capable of interruption of the irrigation cycle sensor when excessive or inadequate moisture is detected.

49. “Soil texture” means the classification of soil based on the percentage of sand, silt, and clay in the soil.

50. “Spray head” means an irrigation head that sprays water through a nozzle.

51. “Stream head” means an irrigation head that projects water through a rotor in single or multiple streams.

52. “Static water pressure” means the pipeline or municipal water supply pressure when water is not flowing.

53. “Station” means an area served by one valve or a set of valves that operate simultaneously.

54. “Turf” means a surface layer of earth containing mowed grass with its roots. Annual bluegrass, Kentucky bluegrass, Perennial ryegrass, Red fescue, and Tall fescue are cool-season grasses. Bermudagrass, Kikuyugrass, Seashore paspalum, St. Augustinegrass, Zoysiagrass, and Buffalo grass are warm-season grasses.

55. “Valve” means a device used to control the flow of water in the irrigation system.

56. “Water conservation concept statement” means a one-page checklist and a narrative summary of the project. (Ord. 1399 § 51, 1992)

### **13.25.050 Landscape documentation package required.**

A. For projects subject to all of the provisions of this chapter, the property owner must submit a landscape documentation package to the city in

### 13.25.060

compliance with the requirements of this chapter in order to be eligible for the issuance of a building permit. No building permits will be issued for projects that include incomplete packages, or that include plans which are inconsistent with the provisions of this chapter. The package must be prepared by an architect or landscape architect licensed by the state and it must include the following items. The items listed in this section are described in more detail in LMC 13.25.060.

1. Water conservation concept statement;
2. Calculation of maximum applied water allowance;
3. Calculation of the estimated applied water use;
4. Landscape design plan;
5. Irrigation design plan;
6. Irrigation schedule;
7. Maintenance schedule;
8. Landscape irrigation audit schedule;
9. Grading plan;
10. Soil analysis;
11. Certification of substantial completion (to be submitted after installation of the project);
12. Architect or landscape architect stamp.

B. The property owner shall submit items 1 through 6, 9, 10, and 12 from subsection A of this section for review and approval concurrently with submittal of the design review application for the project. The irrigation plan for this submittal may be conceptual in nature, that is, it may consist of a written description and diagram that depicts what types of irrigation equipment (drip, spray sprinklers, stream sprinklers, etc.) shall be used in what areas of the plan. (Ord. 1860 § 5, 2009; Ord. 1399 § 1, 1992)

#### **13.25.060 Elements of a landscape documentation package.**

A. Water Conservation Concept Statement. Each landscape documentation package shall include a cover sheet referred to as the water conservation concept statement. It shall serve as a checklist to verify that the elements of the landscape documentation package have been completed and shall include a narrative summary of the project.

B. The Maximum Applied Water Allowance (Water Budget).

1. A project's maximum applied water allowance shall be calculated using the following formula:

$$\begin{aligned} \text{MAWA} &= (\text{LA}) (20.5) \text{ where:} \\ \text{MAWA} &= \text{Maximum applied water allowance (gallons per year)} \\ \text{LA} &= \text{Landscaped area (square feet)} \\ 20.5 &= \text{Conversion factor (square feet to gallons per square foot per year). The conversion factor is made up of the reference evapotranspiration (47.2) multiplied by the ET adjustment factor (0.7) multiplied by .62 to convert square feet to gallons per square foot per year.} \end{aligned}$$

2. An example calculation of the maximum applied water allowance is:

Landscaped area of 10,000 square feet  
in Livermore.

$$\begin{aligned} \text{MAWA} &= (\text{LA}) (20.5) \\ &= (10,000 \text{ square feet}) (20.5) \\ &= 205,000 \text{ gallons per year} \\ &= 274,100 \text{ cubic feet per year} \\ &\quad (205,000/748 = 274). \end{aligned}$$

3. Portions of landscaped areas in public and private projects such as parks, playgrounds, sports fields, golf courses, or school yards where turf provides a playing surface or serves other recreational purposes are permitted to request an increase in the maximum applied water allowance. A statement shall be included with the landscape design plan, designating areas to be used for such purposes and specifying any needed amount of additional water above the maximum applied water allowance because of high plant factors (but not due to irrigation inefficiency). Such requests shall be evaluated and, if the plan uses water efficiently throughout the project, approved by the planning director.

C. Estimated Applied Water Use.

1. The estimated applied water use shall not exceed the maximum applied water allowance.

2. A calculation of the estimated applied water use shall be submitted with the landscape documentation package. It shall be calculated by summing the amount of water recommended in the

irrigation schedule, or calculated from the following formula.

3. The estimated total water use of the entire landscaped equals the sum of the estimated water use of all hydrozones in that landscaped area.

$$\text{EWU (hydrozone)} = \frac{(47.2) (PF) (HA) (0.62)}{(IE)}$$

EWU	=	Estimated water use, per hydrozone (in gallons per year)
47.2	=	Reference evapotranspiration rate for Livermore (in inches per year)
PF	=	Plant factor
HA	=	Hydrozone area (in square feet)
0.62	=	Conversion factor (from inches to gallons)
IE	=	Irrigation efficiency.

4. Precipitation may not be used as a source of water in this calculation.

D. Plant Factors. For the purpose of this chapter, the following plant factors shall be used for each type of plant material. These figures are based on average plant densities and average microclimate conditions. For the purpose of this chapter, plants are divided into high, medium and low water requirement categories. A list of plants within each of these categories is on file with the planning department. That list is not comprehensive, and is designed to assist the designer in choosing appropriate plant materials. The designer is encouraged to use plants not on the list; provided, that appropriate information is provided to substantiate the water requirements of those plants. Such information might consist of reference material from a published source or other data acceptable to the director of planning.

Plant Type	Plant Factor
Recirculating water features	1.0
Uncovered pools and spas	0.8
Cool season grasses	0.8
Warm season grasses	0.7
High water using trees, shrubs and groundcovers	0.7
Moderate water using trees, shrubs and groundcovers	0.5
Covered pools and spas	0.5
Low water using trees, shrubs and groundcovers	0.2

E. Irrigation Efficiency. For the purpose of this chapter, the following irrigation efficiency numbers shall be used for each of the following irrigation equipment categories.

Irrigation Equipment Type	Irrigation Efficiency
Drip emitters (both above and below ground)	0.9
Bubblers	0.85
Stream sprinklers in planter strips 10 feet or wider	0.75
Spray sprinklers in planter strips 10 feet or wider	0.625
Sprinklers in planter strips less than 10 feet wide	0.4

F. Landscape Design Plan. A landscape design plan shall be submitted as part of the landscape documentation package.

#### 1. Plant Selection and Grouping.

a. Any plants may be used in the landscape, providing the estimated applied water use recommended does not exceed the maximum applied water allowance and that the plants meet the specifications set forth in subsections (F)(1)(b) and (F)(1)(c) of this section.

b. Plants having similar water use shall generally be grouped together in distinct hydrozones.

c. Plants having nearly similar water use may be grouped together, that is, high and medium water using plants may be grouped, or medium and low water using plants may be grouped together. However, high and low water using plants shall not be grouped together in the same hydrozone. For mixed plant hydrozones, the more water intensive plant factor (higher number) shall be used for the entire hydrozone.

#### 2. Water Features.

a. Recirculating water shall be used for all decorative water features.

3. Landscape Design Plan Specifications. The landscape design plan shall be drawn on project base sheets at a scale that accurately and clearly identifies the following:

a. Designation of hydrozones;

b. Landscape materials, trees, shrubs, ground cover, turf, and existing vegetation. Planting symbols shall be clearly drawn and plants labeled by botanical name, common name, con-

tainer size, spacing and quantities of each group of plants indicated;

- c. Property lines and street names;
- d. Streets, driveways, walkways, and other paved areas;
- e. Pools, spas, ponds, water features, fences and retaining walls;
- f. Existing and proposed buildings and structures including the location of windows and doorways;
- g. Natural features, including, but not limited to, rock outcroppings;
- h. Soil, planting, and irrigation details;
- i. A calculation showing the square footage of each hydrozone and the total landscaped area;
- j. Designation of special recreational areas such as playgrounds, or sports fields where turf serves as a playing surface.

G. Irrigation Design Plan. An irrigation design plan meeting the following conditions shall be submitted as part of the landscape documentation package.

1. Irrigation Design Criteria.

a. Point of Connection. All irrigation equipment must be connected to the landscape water meter for a project. No portion of the irrigation system may be connected to the domestic water meter, unless only one water meter is required for the property.

b. Runoff and Overspray. The irrigation system shall deliver water at a rate compatible with the soil types and infiltration rates of the site. All irrigation systems shall be designed to avoid runoff, low head drainage, overspray, or other similar conditions where water flows onto adjacent property, nonirrigated areas, walks, roadways or structures. Proper irrigation equipment and schedules, including such features such as repeat cycles, shall be used to closely match maximum application rates to infiltration rates.

2. Equipment.

a. Water Meters. Separate landscape water meters shall be installed for all newly installed or renovated projects subject to this chapter (except single-family homes). All irrigation equipment throughout all projects must be connected to the landscape water meter.

b. Controllers. Automatic electronic controllers shall be required for all irrigation systems and must be able to accommodate all aspects

of the design. At a minimum the controller shall have the capability to create two independent programs, include three cycle start times per program, have a battery backup to protect the program in the case of power failure, and contain a rain switch to interrupt the program in the case of rain.

c. Valves. Electronic valves are required for all irrigation systems. A valve may irrigate a maximum of one hydrozone of plants with similar water use as described in the plant selection and grouping section.

d. Sprinkler Heads and Emitters. Heads and emitters shall have compatible application rates within each control valve circuit. Sprinkler heads shall be selected for proper area coverage, application rate, operating pressure, adjustment capability, and ease of maintenance.

e. Antidrain (Check) Valves. Antidrain valves shall be installed at strategic low points throughout the plan to avoid low-head drainage.

f. Rain Sensing Override Devices. Rain sensing override devices are recommended on all irrigation systems and are required on all projects that contain at least 10,000 square feet of landscape area.

g. Soil Moisture Sensing Devices. Soil moisture sensing devices are recommended on all irrigation systems.

3. Irrigation Design Plan Specifications. The irrigation system shall be designed to be consistent with the planting design hydrozones. The irrigation design plan shall be drawn on project base sheets. It should be separate from, but use the same format as, the landscape design plan. The scale shall be the same as that used for the landscape design plan.

The irrigation design plan shall accurately and clearly identify:

a. Location and size of separate water meters for landscape irrigation;

b. Location, type, and size of all components of the irrigation system, including automatic controllers, main and lateral lines, valves, sprinkler heads, emitters, moisture sensing devices, rain sensing devices, quick couplers, and backflow prevention devices;

c. Static water pressure at the point of connection to the public water supply;

d. Flow rate (gallons per minute), application rate (inches per hour, and design operating pressure (psi) for each station.



H. Irrigation Schedules. Irrigation schedules satisfying the following conditions shall be submitted as part of the landscape documentation package.

1. An annual irrigation program with monthly irrigation schedules shall be required for the plant establishment period, for the established landscape, and for any temporarily irrigated areas.

2. The irrigation schedule shall:

- a. Include run time (in minutes per cycle) suggested number of cycles per day, and frequency of irrigation for each station; and

- b. Provide the amount of applied water (in 100 cubic feet and gallons) recommended on a monthly and annual basis.

3. The total amount of water for the project shall include water designated in the estimated total water use calculation including any water needed for any water features.

4. Recreational areas designated in the landscape design shall be highlighted and the irrigation schedule shall indicate if any additional water is needed above the maximum applied water allowance because of high plant factors (but not due to irrigation inefficiency).

5. Whenever possible, irrigation scheduling shall incorporate the use of evapotranspiration data such as those from the California Irrigation Management System (CIMIS) weather stations to apply the appropriate levels of water for different climate.

6. Landscape irrigation shall normally be scheduled during nondaylight hours to reduce irrigating during times of high wind or high temperature.

I. Maintenance Schedules. A regular maintenance schedule satisfying the following conditions shall be submitted as part of the landscape documentation package:

1. Landscaping shall be maintained to ensure water efficiency. A regular maintenance schedule shall include, but not be limited to, checking, adjusting, and repairing irrigation equipment, resetting the automatic controller, aerating and dethatching turf areas, replenishing mulch; fertilizing; pruning, and weeding in all landscaped areas.

2. Repair of irrigation equipment shall be done with the originally specified materials or their equivalents.

J. Landscape Irrigation Audit Schedules. A schedule of landscape irrigation audits, for all but

single-family residences, satisfying the following conditions shall be submitted to the city as part of the landscape documentation package:

1. At a minimum, audits shall be in accordance with the State of California Landscape Water Management Program as described in the Landscape Irrigation Auditor Handbook.

2. The schedule shall provide for landscape irrigation audits to be conducted by certified landscape auditors once every five years. This requirement shall be waived if, in the last five years, the project has not at any time used more water on an annual basis than permitted by the maximum applied water allowance.

3. An audit shall also be required if the project's water use exceeds its maximum applied water allowance by 10 percent or more on an annual basis or by 20 percent or more on a monthly basis.

K. Grading Design Plan. Grading design plans satisfying the following conditions shall be submitted as part of the submittal requirements.

1. A grading design plan shall be drawn on project base sheets. For clarity, it may be separate from but use the same format as the landscape design plan.

2. The grading plan shall indicate finished configurations and elevations of the landscaped area, including the height of graded slopes, drainage patterns, pad elevations, and finish grade. It should also include existing spot elevations at the base of each existing shrub or tree that will remain, including proposed elevation changes within their drip lines.

L. Soils.

1. A soil analysis satisfying the following conditions shall be submitted as part of the submittal requirements.

- a. Determination of soil texture, indicating the percentage of organic matter;

- b. An approximate soil infiltration rate (either measured or derived from soil texture/infiltration rate tables). A range of infiltration rates shall be noted where appropriate;

- c. Measure of pH, and total soluble salts.

2. A mulch of at least three inches shall be applied to all planting areas except turf.

M. Certification. The city shall not grant a final certificate of occupancy for any project subject to the provisions of this chapter until the property owner submits a certificate of substantial comple-

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tion to the city planning department consistent with this section.

1. Upon completing the installation of the landscaping and the irrigation system, an irrigation audit shall be conducted by an architect, landscape architect or licensed contractor prior to the final field inspection by the city.

2. A licensed architect, landscape architect or contractor shall conduct a final field observation and shall provide a certificate of substantial completion to the city planning department. The certificate shall specifically indicate that plants were installed as specified, that the irrigation audit has been performed, along with a list of any observed deficiencies, and documentation that those deficiencies have been corrected. A sample of such a form is available in the city planning department. (Ord. 1399 § 1, 1992)

#### 13.25.070 Public education.

##### A. Publication.

1. The city shall provide information to owners of all new, single-family residential homes explaining their maximum applied water allowance (water budget) and regarding the design, installation and maintenance of water efficient landscapes.

2. The city shall also provide information about the efficient use of landscape water to all water users throughout the city.

3. The city shall also recognize those projects that are the most efficient users of landscaping water based on a comparison to their water budget.

B. Model Homes. All model home complexes that include landscaping shall demonstrate the principles of water efficient landscapes as described in this chapter.

1. The project developer shall make available to all visitors of the model home complex a brochure depicting the landscape plan for each model, identifying all plant material by both common and botanical name, identifying whether each plant is a low, medium or high water using plant, describing hydrozones within the plan, describing the irrigation equipment used, and describing any other features which contribute to the overall water efficiency of the landscape plan.

2. For at least one model home in each project, the developer shall place signs to:

a. Identify it as a water efficient landscape;

b. Identify all plant materials within the plan by both common and botanical name, including their relative water use;

c. Identify hydrozones, irrigation equipment, and any other features which contribute to the overall water efficiency of the plan.

3. All model homes are strongly encouraged to be more water efficient than the minimum required by this chapter, especially for the model home with signs. (Ord. 1399 § 1, 1992)

**Chapter 15.80****CIVIC BAY-FRIENDLY LANDSCAPING**

## Sections:

- 15.80.010 Purpose.
- 15.80.020 Findings.
- 15.80.030 Definitions.
- 15.80.040 Standards for compliance.
- 15.80.050 Implementation.

**15.80.010 Purpose.**

To promote economic and environmental health in the city, it is essential that the city itself, through the design, construction, and maintenance of its own landscapes and the landscapes it funds, provide leadership to both the private and public sectors by incorporating bay-friendly landscaping practices. The most immediate and meaningful way to do this is to require the integration of bay-friendly landscaping strategies in city landscapes. (Ord. 1876 § 1 (Exh. A), 2009)

**15.80.020 Findings.**

The city council of the city of Livermore finds that:

A. The design, construction, and maintenance of landscapes within the city can have a significant impact on the city's environmental sustainability, resource usage and efficiency, waste management, and the health of the watershed as well as the health of residents, workers, and visitors to the city.

B. Based on studies, plant debris from landscape construction, renovation and maintenance activities comprise seven percent of the materials disposed in Alameda County landfills.

C. Bay-friendly landscape design, construction, operation and maintenance can have a significant positive effect on energy, water and resource efficiency, waste and pollution generation, wildlife habitat, and the health of workers and users of the landscape and can contribute to a reduction in greenhouse gas emissions, improve air quality and enhance urban sustainability.

D. Bay-friendly landscaping benefits are spread throughout the systems and features of the landscape, the larger San Francisco Bay area ecosystem and the Livermore community. Bay-friendly landscaping is a whole-systems approach to the design, construction and maintenance of the landscape in order to support the integrity of the San Francisco

Bay watershed. Key components of bay-friendly landscaping include reducing waste and using recycled-content materials; nurturing healthy soils while reducing fertilizer use; conserving water, energy and topsoil; using integrated pest management (IPM) to minimize chemical use; reducing stormwater runoff; and creating wildlife habitat.

E. Bay-friendly landscape design and construction decisions made by the city in the construction and maintenance of landscapes can result in significant cost savings to the city over the life of the projects.

F. It is critical to both the economic and environmental health of the city that the city provide leadership to both the private and public sectors in the area of bay-friendly landscaping.

G. The most immediate and meaningful way to do so is to include bay-friendly landscaping elements in city landscape projects and in landscape projects built as public-private partnerships, and to encourage private landscape projects to include green building and bay-friendly landscaping elements.

H. In Alameda County, StopWaste.org has taken the lead in defining and promoting environmentally friendly landscaping for the commercial, institutional and residential sectors by developing the Bay-Friendly Landscape Guidelines for professional landscapers and the Bay-Friendly Gardening Guide for residents, and the use of these guidelines is increasingly widespread in residential and commercial landscape construction.

I. Requiring city projects to incorporate bay-friendly landscape guidelines is necessary and appropriate to achieving the benefits of bay-friendly landscaping in the city. (Ord. 1876 § 1 (Exh. A), 2009)

**15.80.030 Definitions.**

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

A. "Bay-Friendly Landscape Guidelines" means the most recent version of guidelines developed by StopWaste.org for use in the design, construction and maintenance of landscapes.

B. "Bay-friendly landscaping scorecard" means the most recent version of the bay-friendly landscaping points system developed by StopWaste.org.

## **15.80.040**

C. “Covered project” means all new landscaping projects or renovations of landscapes that equal or exceed \$100,000 in construction costs and are owned or maintained by the city or redevelopment agency.

D. “Bay-friendly landscaping compliance official” means the designated staff person(s) authorized and responsible for implementing this chapter.

E. “Initiated” means officially identified and substantially funded.

F. “Landscape” means the parcel area less the building pad and includes all planted areas and hardscapes (i.e., driveway, parking, paths and other paved areas adjacent to or integral to the landscape).

G. “Renovation” means any change, addition, or modification to an existing landscape.

H. “Public project” means those projects identified as such by Public Contracts Code Section 20161. (Ord. 1876 § 1 (Exh. A), 2009)

B. The rules and regulations promulgated by the community development director pursuant to this section shall provide for at least the following:

1. The incorporation of the bay-friendly landscaping requirements of this chapter into the appropriate design, construction, maintenance and development agreement documents prepared for the applicable covered projects.

2. The designation of an appropriate bay-friendly landscaping compliance official(s) who shall have the responsibility to administer and monitor compliance with the bay-friendly landscaping requirements set forth in this chapter and with any rules or regulations promulgated thereunder, and to grant waivers or exemptions from the requirements of this chapter, and to report to the city council regarding bay-friendly landscaping compliance on all covered projects. (Ord. 1876 § 1 (Exh. A), 2009)

## **15.80.040 Standards for compliance.**

A. All covered projects with landscapes initiated on or after the effective date of the ordinance codified in this chapter shall meet the minimum requirements of the most recent version of the bay-friendly landscaping scorecard as recommended by StopWaste.org or its designee.

B. For the purposes of reducing operating and maintenance costs in all city facilities, projects that do not meet the threshold triggering compliance with the requirements of this chapter (noncovered projects) are encouraged to meet as many bay-friendly landscaping scorecard points as practicable, using the bay-friendly landscaping scorecard for documentation.

C. The community development department shall regularly review the project specifications used in bidding public projects to include applicable bay-friendly landscape practices. (Ord. 1876 § 1 (Exh. A), 2009)

## **15.80.050 Implementation.**

A. The community development director or his designee shall, within six months of the ordinance codified in this chapter’s effective date, promulgate any rules and regulations necessary or appropriate to achieve compliance with the requirements of this chapter.

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## Chapter 13.26 WATER CONSERVATION

### Sections:

- 13.26.010 Authority.
- 13.26.020 Findings – Purpose.
- 13.26.030 Definitions.
- 13.26.040 Application.
- 13.26.050 Water shortage contingency plan.
- 13.26.060 Water shortage contingency plan activation.
- 13.26.070 Voluntary conservation measures.
- 13.26.080 Conservation measures – Stage 1 water shortage.
- 13.26.090 Conservation measures – Stage 2 water shortage.
- 13.26.100 Conservation measures – Stage 3 water shortage.
- 13.26.110 Conservation measures – Stage 4 water shortage.
- 13.26.120 Water emergency.
- 13.26.130 Use allocations.
- 13.26.140 Demand management measures.
- 13.26.150 Conservation rates.
- 13.26.160 Exemptions.
- 13.26.170 Enforcement and penalties.
- 13.26.180 Additional penalties.

### 13.26.010 Authority.

In January 2008, the Governor of the state of California declared a drought and requested a voluntary 20 percent reduction in water use by all consumers in the state. Also, the Water Conservation Bill of 2009 was enacted in November 2009, requiring urban water suppliers to reduce water demands a minimum of 20 percent by 2020. California Water Code Section 10608.20 requires urban water suppliers such as the city of Livermore to reduce per capita water consumption by 20 percent by 2020, and to develop water use targets based on 80 percent of historic demands. One of the primary means of achieving the required reduction in water usage will be through the implementation of water conservation measures and demand management measures.

In addition to long-term use reduction goals, the provisions of this chapter will also be used to reduce water demands during water shortage events. California Water Code Section 10632(a) requires urban water suppliers to develop a water shortage contingency plan which indicates the actions the city will take in response to supply shortages in the Livermore municipal water system service area. California Water Code Section 10632(a)(5) allows water suppliers to use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply. (Ord. 1946 § 1 (Exh. A), 2011)

### 13.26.020 Findings – Purpose.

The city council finds that it is in the public interest of the city's water customers and the state to enact water conservation measures to address the 20 percent reduction in per capita water use required by the Water Conservation Bill of 2009 and to establish voluntary and mandatory water conservation practices to address water supply shortages and required demand reductions.

The purpose of this chapter is to establish voluntary and mandatory water conservation measures, best management practices, and use penalties to encourage wise water use and to minimize the effect of shortages on the city's customers. This is accomplished through provisions that will significantly reduce the consumption of water over an extended period of time, thereby extending the availability of water for the city's customers while reducing the hardship to the greatest extent possible on or to the city and on or to the general public. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.030 Definitions.**

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

"Advisory notice" shall mean a written notice informing a Livermore municipal water customer that they are in violation of one or more provisions of this chapter and that additional violations may result in fines or termination of service.

"City" shall mean the city of Livermore, Alameda County, California.

"City water service area" shall mean the city of Livermore municipal water service area, excluding the portions of the city of Livermore that are served by California Water Service Company.

"Conservation measures" shall mean activities or procedures to be used by residential and commercial water customers to reduce their water consumption.

"Conservation water rates" shall mean a water rate adopted and enacted by the city council to be used during water shortage events to both encourage conservation and to recover the appropriate amount of revenue to fund water system operations from a reduced volume of water sold. Conservation rates are therefore higher than normal water rates charged during periods of adequate water supply. Conservation rates are broken down into several "tiers" or levels which correspond to different tiers, levels or stages of water supply reduction.

"Demand management measure" shall mean practices, procedures and methods to reduce water demands, including but not limited to behavior change, installing high-efficiency water fixtures, and financial incentives or penalties to encourage wise water use and discourage water waste.

"Effective date" shall mean the date the ordinance adopting this chapter becomes effective.

"Hand-watering" shall mean the irrigation of landscaping or vegetation using a hand-held hose equipped with a positive shut-off nozzle to supply water directly to the area to be irrigated.

"Hand-watering from container" shall mean the irrigation of landscaping or vegetation using a watering can, bucket or container to pour water directly on the area to be irrigated.

"Impervious surface" shall mean a constructed or modified surface that cannot effectively infiltrate rainfall. The term includes, but is not limited to, sidewalks, driveways, gutters and roadways.

"Nonessential water use" shall mean the application or usage of water for functions or additional activities

which do not have any health or safety impacts, are not required by regulation, and are not part of the core function or business process at a site. This would include but not be limited to uses such as the watering of planters and landscape at a car wash, the washing of cars on display at a car dealer, and other activities that a reasonable person would conclude will reduce extra use of water, while not affecting a given enterprise in a fundamental way.

“Positive shut-off nozzle” shall mean a device attached to the end of a hose that must be manually squeezed, pressed or otherwise held in place to allow water to flow out of the hose and which automatically shuts off the flow of water when continuous manual pressure is released.

“Urban water management plan” shall mean a plan required by California Water Code Section 10621(a) for urban water suppliers to review available water supplies and water demands over a 20 year planning horizon to confirm the adequacy of water supplies.

“Water shortage contingency plan” shall mean a plan developed by the city pursuant to California Water Code Section 10632(a) which outlines the steps the city will take to reduce water demands in response to water supply shortages. The plan establishes different stages or levels of water supply shortage corresponding to the expected amount of water supply reduction.

“Water waste” shall mean uses of water which are prohibited or limited, going beyond the purpose of necessary or intended use, including area runoff, and which could reasonably be prevented. (Ord. 1946 § 1 (Exh. A), 2011)

#### **13.26.040 Application.**

This chapter shall apply within the Livermore municipal water system service area and to all users connected to the Livermore municipal water distribution system. Compliance with the provisions of this chapter shall be a condition of continued water service. However, users connected to the Livermore municipal water distribution system that have already implemented equivalent conservation measures or have achieved extremely low levels of per capita water consumption through other means, as determined by the public works director or his/her designee, will not be required to implement additional conservation measures or to further reduce consumption during normal water supply conditions. (Ord. 1946 § 1 (Exh. A), 2011)

#### **13.26.050 Water shortage contingency plan.**

The Livermore city council shall adopt a water shortage contingency plan for the operation of the Livermore municipal water utility as required under California Water Code Section 10632(a). The water shortage contingency plan shall be adopted by council resolution and shall be reviewed and updated periodically as needed, however no less than every five years in years ending in five and zero as required by California Water Code Section 10621(a).

The water shortage contingency plan shall specify stages of action corresponding to different levels of water supply shortage and identify voluntary or mandatory water conservation measures to be used by Livermore municipal water customers and as articulated in LMC 13.26.080 through 13.26.110. This chapter provides the legal authority to implement the water conservation measures and best management practices included in the water shortage contingency plan. (Ord. 1946 § 1 (Exh. A), 2011)

#### **13.26.060 Water shortage contingency plan activation.**

The water shortage contingency plan will be activated by Livermore city council resolution following the plan guidelines. Council resolutions to activate the water shortage contingency plan shall establish the stage of action necessary to address the supply shortage as well as estimate the expected duration of the water shortage. When activating the water shortage contingency plan, council may also enact conservation rates as specified in LMC 13.26.150. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.070 Voluntary conservation measures.**

Water customers are requested to voluntarily limit the amount of water used to the amount absolutely necessary for health, business, and irrigation, by undertaking the following water conservation measures:

- A. Lawn watering and landscape irrigation, including construction meter irrigation, is permitted only between the hours of 6:00 p.m. Pacific Daylight Time (PDT), or 5:00 p.m. Pacific Standard Time (PST), and 9:00 a.m. the following day. Watering is permitted at any hour if a hand-held nozzle is used, a hand-held container is used, or a drip irrigation system is used.
- B. Washing of autos, trucks, trailers, boats, airplanes, and other types of mobile equipment may be done at any hour with a bucket and a hose equipped with a positive shut-off nozzle for quick rinses. Washing is permitted at a commercial car wash, or by a mobile car wash or on-site car wash using high-pressure washing equipment. No wastewater from vehicle washing may enter the storm drain system.
- C. The overfilling of swimming pools, spas, ponds, and artificial lakes is prohibited.
- D. Irrigation of golf courses, parks, school grounds and recreation fields is permitted only between the hours of 6:00 p.m. PDT (5:00 p.m. PST) and 8:00 a.m. the following day. Tees and greens may be watered at any time.
- E. The use of water from fire hydrants shall be limited to fire fighting and related activities, approved metered uses or other activities necessary to maintain the health, safety and welfare of the public.
- F. Construction operations receiving water from a construction meter or water truck shall not use water unnecessarily for any purposes other than those required by regulatory agencies. The city has the right to inspect all construction sites using water from a city construction meter for the efficient use of water.
- G. Restaurants shall not serve water to their customers except when specifically requested. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.080 Conservation measures – Stage 1 water shortage.**

The following voluntary restrictions shall be applicable during a Stage 1 activation of the water shortage contingency plan:

- A. All of the prohibitions and restrictions set forth in LMC 13.26.070 shall be in effect.
- B. Swimming pools, spas and fountains must be leak-proof. Any leak shall be repaired in a timely manner after notification by the city, but in no case after notification in excess of 72 hours for the first violation and then every 72 hours thereafter for the second and third violations.
- C. There shall be no hose washing of sidewalks, walkways, driveways, parking areas, patios, porches or verandas, except that flammable or similarly dangerous materials may be washed from such areas by direct hose flushing for the benefit of public health and safety. A bucket and broom may be used to wash



paved surfaces if necessary.

D. No potable water may be used for compacting or dust control purposes in construction activities where there is a reasonably available source of recycled or other nonpotable water approved by the California Department of Public Health and appropriate for such use. This condition must be identified and specified on construction drawings submitted to the city for review.

E. No person shall cause or allow water to run off or leak from landscaped areas to adjoining streets, sidewalks, or other paved areas due to incorrectly directed or maintained sprinklers or excessive watering. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.090 Conservation measures – Stage 2 water shortage.**

The following mandatory restrictions shall be applicable during a Stage 2 activation of the water shortage contingency plan:

A. All of the prohibitions and restrictions set forth in LMC 13.26.070 and 13.26.080 shall be in effect and shall be mandatory prohibitions.

B. Lawn watering and landscape irrigation, including construction meter irrigation, shall be reduced to no more often than twice per week on an odd-even schedule; properties with odd street address numbers are only allowed to water on Mondays, Wednesdays and Fridays, properties with even street address numbers are only allowed to water on Tuesdays, Thursdays, and Saturdays, and no watering is permitted on Sundays. Lawn watering and landscape irrigation is permitted only between the hours of 6:00 p.m. and 9:00 a.m. the following day.

C. Swimming pools and spas shall be covered when not in use.

D. Washing of autos, trucks, trailers, boats, airplanes, and other types of mobile equipment may be done at any hour, but no more frequently than once per month with a bucket and a hose equipped with a positive shut-off nozzle for quick rinses. Washing is permitted at a commercial car wash, or by a mobile car wash or on-site car wash using high-pressure washing equipment. No wastewater from vehicle washing may enter the storm drain system.

E. Restaurant kitchens shall be equipped with low-flow rinse nozzles. (Ord. 1998 § 2, 2014; Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.100 Conservation measures – Stage 3 water shortage.**

The following mandatory restrictions shall be applicable during a Stage 3 activation of the water shortage contingency plan:

A. All of the prohibitions and restrictions set forth in LMC 13.26.070, 13.26.080 and 13.26.090 shall be in effect and shall be mandatory prohibitions.

B. All water customers other than commercial nurseries, golf courses, and other water dependent industries shall be limited in the use of outdoor watering for any shrubbery, trees, lawns, grass, groundcovers, plants, vines, gardens, vegetables, flowers, or any other landscaped or vegetated areas to hand-watering using a hose with a positive shut-off nozzle on Saturday and Sunday only.

C. No person shall empty and refill a swimming pool except to prevent or repair structural damage or to

comply with public health regulations.

D. Potable water shall not be used for street washing or flushing, except to meet public health and safety requirements.

E. Washing of autos, trucks, trailers, boats, airplanes, and other types of mobile equipment is permitted only at commercial car wash facilities that recycle all or part of the water.

F. No potable water may be used for compaction or dust control purposes for construction activities. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.110 Conservation measures – Stage 4 water shortage.**

The following mandatory restrictions shall be applicable during a Stage 4 activation of the water shortage contingency plan:

A. All of the prohibitions and restrictions set forth in LMC 13.26.070, 13.26.080, 13.26.090 and 13.26.100 shall be in effect and shall be mandatory prohibitions.

B. The irrigation of turf or lawn using potable water is prohibited. All water customers other than commercial nurseries, golf courses, and other water dependent industries shall be limited in the use of outdoor watering for any shrubbery, trees, plants, vines, gardens, vegetables, flowers, or any other non-turf landscaped or vegetated areas to hand-watering from a container of less than five-gallon capacity on Saturday and Sunday only.

C. Cleaning of Structures. No person shall use water through a hose, including pressure-washing, to clean the exterior of any building or structure.

D. Fountains, Decorative Basins, Ponds, Lakes, Waterways. No person shall use water to operate or maintain levels in decorative fountains, basins, ponds, lakes, and waterways.

E. Public Health and Safety. These regulations shall not be construed to limit water use which is immediately necessary to protect public health and/or safety. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.120 Water emergency.**

In the event that a water emergency is declared pursuant to the city's water shortage contingency plan, the city manager or his/her designee may implement additional, mandatory conservation measures, restrictions, or best management practices as may be necessary to reduce water demands to match the available supply or to extend the length of time that current supplies will last. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.130 Use allocations.**

A. During water shortage events, the public works director or his/her designee shall establish water use allocations for different customer classes. Water use allocations shall be based on a combination of average historical usage, per-capita water use targets, and/or other activity-specific water usage data. Water use allocations will be calculated to achieve a reduction in demand necessary to match the amount of supply available or to maximize the length of time that existing supplies will last. The public works director or his/her designee shall, to the extent possible, establish use allocations at levels that achieve the required demand reduction while minimizing the impacts to users that have already

implemented conservation measures or have by other means achieved extremely low per capita water consumption.

B. In the event that use allocations are established, all customers shall reduce their consumption to meet the allocation within 30 days. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.140 Demand management measures.**

The Urban Water Planning Act includes 14 demand management measures for urban water conservation. These measures include:

- A. Water survey programs for single-family residential and multifamily residential customers.
- B. Residential plumbing retrofit programs.
- C. System water audits, leak detection, and repair.
- D. Metering with commodity rates.
- E. Large landscape conservation programs.
- F. High-efficiency washing machine rebate programs.
- G. Public information programs.
- H. School education programs.
- I. Conservation programs for commercial, industrial and institutional users.
- J. Wholesale agency programs.
- K. Conservation pricing.
- L. Water conservation coordinator.
- M. Water waste prohibition.
- N. Residential ultra-low flush toilet replacement.

These demand management measures correspond to the 14 best management practices (BMPs) listed in the California Urban Water Conservation Council (CUWCC) memorandum of understanding regarding urban water conservation in California (MOU). In 1991, the CUWCC developed the MOU to aid urban water suppliers in implementing water conservation programs. Although the city of Livermore is not a signatory to the 1991 California Urban Water Conservation Council MOU, the city supports the use of the demand management measures to minimize water use. The urban water management plan includes a description of how the demand management measures will be implemented in the Livermore municipal water system service area and is available on the city's website at [www.livermore.net](http://www.livermore.net) and at the Water Resources Plant located at 101 W. Jack London Boulevard, Livermore CA 94551. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.150 Conservation rates.**

- A. The Livermore city council shall establish water rates and charges pursuant to LMC 13.20.030 to

provide funding for the operation, maintenance and renewal and replacement needs of the city water system. In addition to normal water rates and charges, the Livermore city council shall also adopt water conservation rates to be used in the event of declared water shortages and implementation of the water shortage contingency plan described in LMC 13.26.050. Conservation water rates shall be calculated to recover the necessary revenue to continue to fund budgeted water system expenditures based on an expected reduction in water use at each stage of the water shortage contingency plan.

B. Conservation water rates will be implemented by council resolution at the time of a declared water shortage event and will remain in effect until a subsequent council resolution returning to normal water rates.

C. Conservation water rates may also be implemented by council resolution to address shortfalls in water system revenues caused by reduced water sales, or as a method to encourage water conservation in the absence of a declared shortage event. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.160 Exemptions.**

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A. Any customer who believes that the application of the provisions of this chapter results in unfair treatment or causes undue hardship may seek an adjustment in the customer's allocation.

B. Such customer shall request the adjustment in writing and shall state with specificity the reasons why the adjustment is warranted.

C. The public works director and the administrative services director shall consider all requests and make a recommendation on the request to the city manager. In formulating a recommendation, the public works director and administrative services director shall review particular consideration to the following:

1. The reduction would cause conditions threatening to health, sanitation, fire protection or safety of the customer, the customer's dependents or the general public.
2. The reduction would cause unfair economic hardship including, but not limited to loss of employment, loss of production, or loss of jobs or be unfair or result in the unnecessary loss of a business.
3. Medical requirements of the customer.
4. Household size of the customer.
5. Other reasons to be judged on individual merit. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.170 Enforcement and penalties.**

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A. Any violation of this chapter is a misdemeanor. Upon conviction thereof, such person shall be punished by imprisonment in the county jail for not more than 30 days, or by fine not exceeding \$1,000, or both. In addition to any other remedies which the city may have for the enforcement of this chapter, service of water shall be discontinued or appropriately limited to any customer who willfully uses water in violation of any provision of this chapter.

B. If a customer exceeds the allotted usage developed under LMC 13.26.130 for three consecutive billing periods, the city may increase the billing rate for all water used by that customer to the highest tier conservation rate for a period of three months. At the end of three months, if the customer's use still

exceeds the allotted amount, the City may continue to charge the customer at the highest conservation rate for an additional three months or until the customer's usage drops to below the allocation. (Ord. 1946 § 1 (Exh. A), 2011)

### **13.26.180 Additional penalties.**

In addition to the penalties provided by LMC 13.26.170, violation of this chapter may result in the imposition of surcharges and/or termination of water service as set forth below:

- A. First Violation. Advisory notice accompanied by a copy of this chapter and a city conservation information packet delivered to customer by United States mail.
- B. Second Violation (within One Year). One hundred dollar surcharge.
- C. Third Violation (within One Year of the First Violation). Three hundred dollar surcharge.
- D. Fourth Violation (within One Year of the First Violation). Five hundred dollar surcharge and termination of service for such period as the city council determines to be appropriate under the circumstances, following a hearing regarding said issue. Written notice of the hearing shall be mailed to the customer at least 10 days before the hearing.
- E. Any surcharge hereunder shall be in addition to the basic or conservation water rates and other charges of the city for the account. Receipt of payment must be made to the city's finance director within five business days of the violation. If payment is not received within five business days, the water meter will be locked off until payment is received. In addition to any surcharge, a customer violating this chapter shall be responsible for payment of the city's charges for disconnecting and/or reconnecting service per the city's rate resolution then in effect. Nonpayment shall be subject to the same remedies as nonpayment of basic water rates.
- F. The public works director shall designate specified employees to act as enforcement officers, who shall have the authority to enforce the provisions of this chapter and to issue administrative citations for violations of this chapter pursuant to Chapter 1.20 LMC.
- G. In addition to the above, the city manager or his or her designee is empowered to enact other penalties and restrictive measures including but not limited to the placement of a flow restricting device upon the water service, locking off of a water meter, removal of a water meter, and/or shutting off of a mainline. (Ord. 1946 § 1 (Exh. A), 2011)

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**The Livermore Municipal Code is current through Ordinance 2030, passed October 26, 2015.**

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## Chapter **13.27** MANDATORY DROUGHT CONSERVATION MEASURES

### Sections:

- 13.27.010** Purpose.
- 13.27.020** Application.
- 13.27.030** General prohibition.
- 13.27.040** Prohibited wasteful water practices – Stage 2 water shortage.
- 13.27.050** Prohibited wasteful water practices – Stage 3 water shortage.
- 13.27.060** Prohibited wasteful water practices – Stage 4 water shortage.
- 13.27.070** Hardship waiver.
- 13.27.080** Penalties.

### **13.27.010 Purpose.**

The purpose of this chapter is to establish mandatory drought conservation measures to prohibit wasting potable water during periods of severe water shortage. This is accomplished through provisions intended to reduce the wasting of potable water over an extended period of time, thereby extending the availability of potable water supply for residents and businesses throughout Livermore. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

### **13.27.020 Application.**

A. To the extent authorized by law, this chapter shall apply to all water users in the city. For the purposes of this chapter, a “water user” means any person drawing water delivered to a business or residence in the city via a water system operated by a water retailer, as well as the individual in whose name the account with the water retailer is held.

B. For water users that are also customers of the city of Livermore’s municipal water system, the provisions in this chapter are in addition to the conservation measures set forth in Chapter **13.26** LMC, and the provisions in this chapter shall control in the event there is a conflict between the regulations.

C. The provisions in this chapter do not apply to water uses necessary to protect public health, safety, and welfare, for essential health care, or for government services such as police, fire, and other similar emergency services. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

### **13.27.030 General prohibition.**

No water user shall make, cause, use, or permit the use of potable water in the city in a manner contrary to any provision of this chapter. Each water user violating the provisions in this chapter shall be guilty of a separate offense for each day during which such violation occurred, continued, or was permitted. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

### **13.27.040 Prohibited wasteful water practices – Stage 2 water shortage.**

If the city adopts a resolution for a Stage 2 activation of its water shortage contingency plan for customers in the Livermore municipal water system area in accordance with LMC **13.26.090**, the wasting

of potable water throughout the city shall be prohibited for all water users, and the following restrictions shall apply to all water users:

A. Lawn watering and landscape irrigation, including construction meter irrigation, shall be reduced to no more often than twice per week on an odd-even schedule; properties with odd street address numbers are only allowed to water on Mondays, Wednesdays and Fridays and properties with even street address numbers are only allowed to water on Tuesdays, Thursdays, and Saturdays, with no watering permitted on Sundays. Lawn watering and landscape irrigation are permitted only between the hours of 6:00 p.m. and 9:00 a.m. the following day.

B. Irrigation of golf courses, parks, school grounds, and recreation fields with potable water is permitted only between the hours of 6:00 p.m. and 8:00 a.m. the following day. Tees and greens may be watered at any time.

C. No person shall cause or allow water to run off or leak from landscaped areas to adjoining streets, sidewalks, or other paved areas due to incorrectly directed or maintained sprinklers or excessive watering.

D. Washing of autos, trucks, trailers, boats, airplanes, and other types of mobile equipment may be done at any hour, but no more frequently than once per month with a bucket and a hose equipped with a positive shut-off nozzle for quick rinses. Washing is permitted at a commercial car wash, or by a mobile car wash or on-site car wash using high-pressure washing equipment. No wastewater from vehicle washing may enter the storm drain system.

E. There shall be no hose washing of sidewalks, walkways, driveways, parking areas, patios, porches, or verandas, except that flammable or similarly dangerous materials may be washed from such areas by direct hose flushing for the benefit of public health and safety. A bucket and broom may be used to wash paved surfaces if necessary.

F. The overfilling of swimming pools, spas, ponds, and artificial lakes is prohibited.

G. Swimming pools and spas shall be covered when not in use.

H. Swimming pools, spas, and fountains must be leak-proof. Any leak shall be repaired in a timely manner after notification by the city, but in no case after notification in excess of 72 hours for the first violation and then every 72 hours thereafter for the second and third violations.

I. No potable water may be used for compacting or dust control purposes in construction activities where there is a reasonably available source of recycled or other nonpotable water approved by the California Department of Public Health and appropriate for such use. This condition must be identified and specified on construction drawings submitted to the city for review.

J. Restaurant kitchens shall be equipped with low-flow rinse nozzles.

K. Restaurants shall not serve water to their customers unless specifically requested. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

### **13.27.050 Prohibited wasteful water practices – Stage 3 water shortage.**

If the city adopts a resolution for a Stage 3 activation of its water shortage contingency plan for customers in the Livermore municipal water system area in accordance with LMC 13.26.100, the wasting



of potable water throughout the city shall be prohibited for all water users, and all the restrictions for a Stage 2 activation included in LMC 13.27.040 shall apply to all water users with the following modifications:

A. All residents and businesses other than commercial nurseries, golf courses, and other water dependent industries shall be limited in the use of outdoor watering using potable water for any shrubbery, trees, lawns, grass, groundcovers, plants, vines, gardens, vegetables, flowers, or any other landscaped or vegetated areas to hand-watering using a hose with a positive shut-off nozzle on Saturday and Sunday only.

B. No person shall empty and refill a swimming pool except to prevent or repair structural damage or to comply with public health regulations.

C. Potable water shall not be used for street washing or flushing, except to meet public health and safety requirements.

D. Washing of autos, trucks, trailers, boats, airplanes, and other types of mobile equipment is permitted only at commercial car wash facilities that recycle all or part of the water.

E. No potable water may be used for compaction or dust control purposes for construction activities. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

#### **13.27.060 Prohibited wasteful water practices – Stage 4 water shortage.**

If the city adopts a resolution for a Stage 4 activation of its water shortage contingency plan for customers in the Livermore municipal water system area in accordance with LMC 13.26.110, the wasting of potable water throughout the city shall be prohibited for all water users, and all the restrictions for a Stage 2 activation included in LMC 13.27.040 and a Stage 3 activation included in LMC 13.27.050 shall apply to all water users with the following modifications:

A. The irrigation of turf or lawn using potable water is prohibited. All water customers other than commercial nurseries, golf courses, and other water dependent industries shall be limited in the use of outdoor watering for any shrubbery, trees, plants, vines, gardens, vegetables, flowers, or any other non-turf landscaped or vegetated areas to hand-watering from a container of less than five-gallon capacity on Saturday and Sunday only.

B. Cleaning of Structures. No person shall use water through a hose, including pressure-washing, to clean the exterior of any building or structure.

C. Fountains, Decorative Basins, Ponds, Lakes, Waterways. No person shall use water to operate or maintain levels in decorative fountains, basins, ponds, lakes, and waterways. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

#### **13.27.070 Hardship waiver.**

If, due to unique circumstances, the application of a specific provision in this chapter would result in undue hardship to a water user, or to property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water users, then the person may apply for a waiver to the requirements as provided in this section.

A. Written Finding. A hardship waiver may be granted or conditionally granted only upon a written finding of fact demonstrating an undue hardship to the water user or to property upon which water is used, that is disproportionate to the impacts to water users generally or to similar property or classes of water use due to specific and unique circumstances of the user or the user's property.

1. Application. Application for a waiver must be on a form prescribed by the city and accompanied by a nonrefundable processing fee in an amount set by city council resolution.

2. Supporting Documentation. The application should include photographs, maps, drawings, and other information, including a written statement of the applicant.

3. Required Findings for Waiver. An application for a waiver will be denied unless the city finds, based on the information provided in the application, supporting documents, or such additional information as may be requested, and on water use information for the property as shown by water use records, all of the following:

a. That a waiver does not constitute a grant of special privilege inconsistent with the limitations upon other water users;

b. That because of special circumstances applicable to the property or its use, the strict application of this chapter would have a disproportionate impact on the property or use that exceeds the impacts to residents and businesses generally; and

c. That the authorizing of such waiver will not be of substantial detriment to adjacent properties, and will not materially affect the ability of the city to effectuate the purpose of this chapter and will not be detrimental to the public interest.

4. Approval Authority. The public works director must act upon any completed application no later than 14 days after submittal and may approve, conditionally approve, or deny the waiver. The applicant requesting the waiver must be promptly notified in writing of any action taken. Unless specified otherwise at the time a waiver is approved, the waiver will apply to the subject property during the period of the mandatory water supply shortage condition. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

### **13.27.080 Penalties.**

Any person violating or causing the violation of any of the provisions of this chapter shall be guilty of an infraction, unless otherwise specifically stated. Penalties for infractions shall be as set forth in Government Code Section 36900.

Notwithstanding the above, any violation occurring after a third infraction citation has been issued during any 12-month period shall be considered a misdemeanor. Penalties for misdemeanors shall be as set forth in Penal Code Section 19.

Nothing in this chapter shall be deemed to prevent the city council from ordering the commencement of a civil proceeding to abate a public nuisance pursuant to the applicable law or from pursuing any other remedy available under applicable law. (Ord. 1997 § 3 (Exh. A), 2014; Ord. 1995 § 3 (Exh. A), 2014)

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