



Agenda Item: 7

Date: May 14, 2015

Subject: 2015 Water Conservation Stage Declaration

Staff Contact: Greg Bundesen, Water Conservation Supervisor

Recommended Board Action:

- 1) Adopt a Stage 3 – Water Crisis with minor modifications outlined in **bold** in the staff report.
- 2) Approve augmenting the District’s 2015 budget to increase by 2 the part-time, temporary Water Conservation Representatives, along with the associated costs of declaring a Stage – 3 Water Crisis.

Discussion:

On April 1, 2015 the Governor of California issued Executive Order B-29-15 (see Exhibit 1) calling on the State Water Resources Control Board (SWRCB) to impose restrictions on urban water suppliers to achieve a 25% reduction in statewide water use by the end of February 2016. The State Water Resources Control board (SWRCB) met on May 5, 2015 and passed its Emergency Regulations for meeting the Governors 25% reduction. The Emergency Regulations (Exhibit 2) assigns water utilities to a reduction tier based on the average of their reported Residential Gallons per Capita per Day (R-GPCD) from July – September 2014. The District’s reported R-GPCD average for July – September 2014 was 222.5 which place the District in the 36% reduction tier. Revised calculations of the District’s R-GPCD show reductions which, if approved by the SWRCB, would place the District in tier 7 or a 32% mandatory reduction. The reduction tiers range from 8% to 36%. Water utilities are mandated to reduce their *total water production* (not R-GPCD) by the amount of their assigned tier. The water utilities R-GPCD was only used to set the reduction tier. The Emergency Regulations will be marked as draft until they pass through the Office of Administrative Law.

The newly adopted regulations restrict the public from (unless where necessary to address an immediate health and safety need or to comply with a term or condition in a permit issued by a state or federal agency):

1. Washing down sidewalks and driveways;
2. Watering outdoor landscape in a manner that causes excess runoff;
3. Watering a motor vehicle with a hose, unless the hose is fitted with a shut-off nozzle;
4. Operating a fountain or decorative water feature, unless the water is part of a recirculating system;
5. Irrigating turf or ornamental landscapes during and 48 hours following measurable precipitation;
6. Restricts restaurants from serving water unless requested;

7. Mandates that hotel and motel operators provide guests with the option of choosing not to have towels and linens laundered daily and prominently display notice of the option.
8. The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations and other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.

Going forward, urban water suppliers will be required to:

1. Notify their customers about possible leaks on their property;
2. Prepare and submit to the State Water Resources Control Board by the 15th of each month a monitoring report on forms provided by the Board. The monitoring report shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. The monitoring report shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, and the number of days that outdoor irrigation is allowed, and monthly commercial, industrial and institutional sector use. The monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves (see Agenda Item 1, Exhibit 3 for 2015 R-GPCD information and Agenda Item 1, Exhibit 5 for total water production information).

Stage 3 – Water Crisis

Declaring a Stage 3 – Water Crisis would impose the following mandatory restrictions on District Customers as defined in the newly adopted Regulation No. 15 (Exhibit 3) and the recommended modifications by staff:

1. Outdoor watering will be limited to 1 day per week. Staff Suggests the following irrigation schedule:
 - a. Odd numbered addresses water on Saturdays.
 - b. Even numbered addresses water on Sundays.
 - c. Watering is prohibited Monday – Friday.
 - d. **Staff is recommending the following alternative irrigation schedule be adopted:**
 - i. **Watering turf or grass shall be allowed only 1 day per week following the above schedule.**
 - ii. **Customer’s utilizing a drip or low-volume irrigation system that is watering non-turf areas (bushes, trees, native plants, etc.) are allowed to water 3 days per week with odd addresses watering on Tuesday, Thursday, and Saturday and even number addresses watering on Wednesday, Friday, and Sunday.**
2. Planting of new or expanded landscape is prohibited, **unless it is demonstrated that the new landscaping will result in a decrease in water use by 40% or greater. New or expanded landscape requests are subject to the review and approval by the General Manager.**
3. Watering restriction exemptions for new turf or hydro-seed will be revoked ***unless the new turf or hydro-seed area project is funded by a state or federal grant program, or approved by the General Manager.***

4. Except where non-potable water is used, all Large Landscape Irrigation Customers (CII) must cease all turf irrigation. Non-ornamental turf, such as the active playing surfaces of sports fields, may be irrigated provided the overall system water use is reduced by 40%.
5. Hydrant permits for construction water will be issued only with the approval of the General Manager. A construction water use plan must be submitted to the District for review that addresses how impacts to existing water users will be mitigated (such as dust control). Potable water must not be used for construction site street cleaning or dust control.
6. A County or State health official must verify all health and emergency conditions requiring potable water use for the purpose of any washing of sidewalks, walkways, streets, parking lots, driveways. An industry professional must verify all health and emergency conditions requiring potable water use for the purpose of any washing of buildings.
7. Car washing is only permitted using a commercial carwash that recirculates water or by high pressure/low volume wash systems.
8. Decorative fountains that use potable water will be drained and kept dry.
9. Restaurants will serve water only on request.
10. Water must not be permitted to discharge, flow, or run to waste into any gutter, sanitary sewer, water course, or storm drain, or to any adjacent lot, from any tap, hose, faucet, pipe, sprinkler, or nozzle. In the case of irrigation, "discharge," "flow," or "run to waste" means that the earth intended to be irrigated has been saturated with water to the point that excess water flows over the earth to waste. In the case of washing, "discharge," "flow," or "run to waste" means the water in excess of that which is necessary to wash, wet or clean the dirty or dusty object, such as an automobile or boat, flows to waste.
11. All water hoses or filling apparatus shall be equipped with a control nozzle capable of completely shutting off the flow of water except when positive pressure to the nozzle is applied.
12. All water fixtures or heating or cooling devices must not be allowed to leak or discharge. All known leaks must be repaired within seven (7) days or less depending on the severity of the leak.
13. The operation of an irrigation system that applies water to an impervious surface (example: concrete or asphalt) or that is in disrepair is prohibited.
14. Water during cooler morning and evening hours to reduce evaporation and avoid peak energy demand times. Outdoor watering from 12:00 noon to 8:00 p.m. during the months of May - August is prohibited; & watering from 12:00 noon to 6:00 p.m. during the months of September - April is prohibited.
15. Irrigation of landscaping during rainfall is prohibited.
16. Backwashing or overfilling, so as to discharge water to waste, swimming pools, or ponds in excess of the frequency reasonably necessary to maintain the clarity or cleanliness of the water is prohibited. Pool draining and refilling will be allowed only for health, maintenance, or structural considerations upon submittal of a written report by a health official or pool consultant and approval provided by the District.
17. All pools, spas, decorative or ornamental fountains, ponds and waterways must be equipped with a recirculation pump and must be constructed to be leak-proof.
18. The use of water from a fire hydrant without the expressed written permission from the District is prohibited.
19. The use of water in new conveyer car washes and new commercial laundry systems that do not use a recirculation system shall be prohibited.

The SWRCB mandate imposes the following restrictions (not listed in Regulation 15) on District customers:

1. Irrigating turf or ornamental landscapes during and 48 hours following measurable precipitation. **District staff recommends that measurable rainfall be defined as 1/8 of an inch measured at the Sacramento Regional Airport.**
2. Hotel and motel operators provide guests with the option of choosing not to have towels and linens laundered daily and prominently display notice of the option.

The Governor's Executive Order will impose the following restrictions (not listed in Regulation No. 15) on District customers:

1. The Water Board shall prohibit irrigation with potable water of ornamental turf on street medians.
2. The Water Board shall prohibit irrigation with potable water outside of newly constructed homes and buildings that is not delivered by drip or micro-spray systems.

Staff recommends adding these restrictions to comply with the Executive Order.

Enforcement of the District's Water Stage Declaration is recommended to proceed as follows:

1. Customers found in violation of any of the above watering restrictions will be subject to:
 - a. **Warning Notice of Violation.** Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of the existence of a violation, the District shall request Customer compliance with this Regulation via a Warning Notice of Violation delivered in person. **Staff is recommending suspending Regulation No. 15 Notice of Violation and moving straight to the Warning Notice of Violation.**
 - b. **First Violation:** Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of the existence of the next violation after a Warning was issued, the District shall request Customer compliance with this Regulation via a notice delivered in person by District personnel, and/or by certified mail to the billing address of the Parcel upon which the 1st violation has occurred. The first violation charged to a Parcel will begin the District's monitoring of that Parcel for water waste. Should there be no additional violations on the Parcel prior to the conclusion of the current water year, then that Parcel's violation from the previous year will be expunged and the Parcel will be deemed to be free of violations and the counting of any violations incurred in the new water year will begin on a clean record. The District shall keep on file copies of all violations of the District's water conservation requirements that were incurred in the same water year. For one time only, and upon request, a Customer may participate in a Water-Wise House Call to remove a first violation from the customer's record for the current water year
 - c. **Second Violation:** Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of a second water conservation violation of any kind on the same Parcel, the Customer and Landowner shall be notified of the 2nd violation in writing at the established billing address by District personnel and/or via certified mail. The District will assess a service charge for the violation, which will be added to the Customer's next bill. The second violation service charge will be billed in accordance with Regulation 3, Section L.1. If a second violation occurs

at a Stage 2 or higher water conservation stage in this Regulation on any non-metered service, the District shall install a permanent water meter on any existing Service Connection on the Parcel where the violation occurred and/or the District may impose an additional service charge as approved by the District Board of Directors. Metered rate billing will be initiated on the account at the next billing period following the meter installation. A Customer may avoid paying a service charge for a second violation by attending a water conservation awareness workshop, at the customer's expense, and participating in a Water-Wise House Call if not completed following the first violation.

- d. **Third Violation:** Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of a third water conservation violation of any kind on the same Parcel, the Customer and Landowner shall be notified of the violation in writing at the established billing address by District personnel and/or via certified mail. The District will assess a service charge for the violation, which will be added to Customer's next bill in accordance to Regulation 3, Section L.2. The notice of violation also will state that a subsequent violation may result in disconnection or reduction of service.
- e. **Fourth Violation:** Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of a fourth water conservation violation of any kind on the same Parcel, the Customer and Landowner shall be notified of the violation in writing at the established billing address by District personnel or via certified mail. The District will assess a charge for the fourth violation as follows:

Flat Rate Services: Upon the fourth water conservation violation of a non-metered account, the District may discontinue or reduce the water supply to the Parcel where the violation occurred. The District shall, in its sole discretion, decide whether to terminate or reduce service based on all of the facts and circumstances of the violation and the Customer's past water use history. The Landowner shall be notified in writing by District personnel and/or via certified mail of the violation that a water meter shall be installed on that Parcel. The Landowner shall bear the cost of installing the meter, which shall be based on the cost of the District's time and materials. The installation of this meter shall cause the billing for the Parcel to be changed from a flat rate to a metered rate. The monthly charge for a metered service will be computed on the current metered rate as more specifically set forth in the District's Regulation No. 3 and any additional tiered water conservation rates adopted by the Board. The installation of this Meter shall be deemed permanent.

Metered Services: Upon the fourth water conservation violation on an existing metered service, the District will notify the Landowner of the violation in writing at the established billing address by District personnel and/or via certified mail. The Landowner will be informed that an additional charge for servicing the violation will be included in his/her next billing. The amount of the charge is as follows:

- (i) 1-inch or smaller service: 25% of the amount of the water bill for the month in which the violation occurs.

(ii) 1½ inch or larger service: 50% of the amount of the water bill for the month in which the violation occurs.

- f. In addition, the District may discontinue or reduce the water supply to the Parcel where the violation occurred. The District shall, in its sole discretion, decide whether to terminate or reduce service based on all of the facts and circumstances of the violation and the Customer's past water use history. To restore service or full flow capabilities, the affected Customer will be required to request a hearing of the District Board of Directors, where the Customer may present evidence to the Board concerning the violation and request the restoration of water service. At its next regular meeting after the hearing, the District Board shall enter into the record its findings and decision concerning the service restoration request and each issue there under. The Board's decision will be final. The Secretary of the Board will mail the Board's written findings and decision to the Customer within thirty days (30) after the date that the Board renders its decision

Conservation Community Outreach Efforts

The focus of the 2015 Community Outreach will continue to be water conservation messaging with an emphasis on where customers use their water. Staff has developed a new outreach theme of "Water Stats" that will be promoted in the monthly bill inserts and newsletters throughout the year. While the 2015 peak water season has just begun, staff continues to expand the promotion of water conservation in the following ways:

- Provide customers with 2 Water Efficient Landscape classes (Spring/Fall).
- Developing a special Water Use Efficiency post card relaying the Water Stage Declaration, the water use restrictions of the declared stage, and ways to use water more efficiently inside and outside the home.

Possible mechanisms to expand the existing outreach, which are not budgeted for 2015, are as follows:

1. Target customers with direct mail piece(s). Highlight that landscape irrigation is the largest use of water at the home and offer Water-Wise House Calls. Post cards, letters, mailers, etc. are possibilities.
2. Bill inserts. Additional inserts which would also be displayed in the Marconi Office lobby and mailed to customers several times as a double insert.
3. Newspapers. Provide print ads with our water conservation messaging to additional neighborhood newspapers.
4. Schools and presentations. Increase the effort to provide the opportunity for Staff to speak to schools, civic organizations, community groups and clubs.

5. Home Owners Association / Neighborhood Associations. Contact these groups and offer a presentation and/or water conservation information/devices.
6. Website updates. The District's website will be updated frequently to inform customers about the benefits of water conservation and how to conserve more water indoors and outdoors. A Water-Wise House Call page will be added to allow District customers to sign up for Water-Wise House Calls via the website.
7. Along with the District's Water Conservation public outreach program, the RWA's Public Outreach program will also focus on dry year messaging. RWA activities include:
 - a. Dry Year key messaging for newspapers, TV, and radio (including indoor & outdoor water use efficiency recommendations).
 - b. Water Spots Video Contest for high school students (January – February).
 - c. Save Our Water campaign updates (all year).
 - d. Project WET (Water Education for Teachers) offerings (training occurs at various times during calendar year).
 - e. Water Awareness month promotion (May).
 - f. Earth Day promotion (April)

Staff will pursue additional outreach for water conservation and will present a rebate menu program for Board consideration in May. See Agenda item 25.

Conservation Monitoring and Enforcement

Each year staff budgets for the minimum increase in summertime water conservation enforcement for Normal Water Supply. However, due to the ongoing drought situation, staff budgeted approximately \$50,000 for CY2015. Labor consists of 3 part-time, temporary Water Conservation Representatives (WCR) and materials for conservation awareness and Water-Wise House Call handouts. The District has pool vehicles that are utilized for the Summer Water Conservation Program. Labor typically consists of \$13,000 per WCR for a 10 month period. Material handouts are approximately \$8,000.

Due to the increase in Water Waste reporting and citations in 2014 (the District experienced a 125% increase in the number of water waste reports received from the public and a 144% increase in the number of water waste notification given out when compared to 2013) staff is requesting an additional level of enforcement for 2015. Labor would consist of 5 Water Conservation Representatives (2 additional WCRs to the current budgeted amount) and materials consisting of conservation related messaging handouts. Two additional WCRs would add a cost of approximately \$26,000 in labor costs, vehicle rental would add a cost of approximately \$11,000, and additional outreach materials would cost approximately \$2,000. The total cost for two additional WCRs would be approximately \$39,000. Additional WCRs will assist the District in reaching the State mandated 32% reduction in water consumption goal by February 28, 2016.

Additional Customer Outreach and Education

To achieve the mandated 32% reduction in total water production a significant increased effort in customer outreach and education will be needed. Staff proposes direct mail pieces, door hangers,

vehicle and building signage, online advertising, preparation of news pieces and editorial and a revision to the District web site. The estimated cost for this increase in outreach effort is approximately \$120,000. The following activities are designed to reach SSWD customers especially during peak water use months by maximizing water conservation messaging using existing outreach avenues, as well as by adding several new activities that are lower-cost, high-impact and geographically targeted.

New Activities

Direct Mail Postcard (May-June-July-August)

\$80,000/postage and design

Develop and distribute a 5 x 7", full-color postcard direct mail postcard to notify customers about the new watering guidelines. Print additional postcards for handing out at events.

Direct Mail Postcard to highest water users (June)

\$5,000/postage and design

Develop and distribute a 5 x 7", full-color postcard direct mail postcard to notify the top highest users about district services to help use water efficiently and about the new watering guidelines.

Media Outreach (May-August)

\$5,000

Issue press releases and template articles to local publications designed to educate customers about SSWD's watering guidelines, new rebate programs, ways to conserve, as well as to highlight the district's "Drought Champs."

Utility Truck Magnet (May)

\$2,500

Design and produce magnets for SSWD utility trucks that convey a message about conserving water.

Signage (May)

\$1,500

Develop and place signage promoting a water conservation message on SSWD's administration building on Marconi Ave.

Door Hanger (June-August)

\$20,000/labor and design

Develop and hand distribute a door hanger to high-priority neighborhoods, including the top 10 percent of water users, non-metered and the highest-use meter routes.

Print Advertising (June-August)

\$1,000

Design and place advertising in local publications that reach SSWD customers. These include: Inside Arden, Arden-Carmichael News, Antelope News, Carmichael Times and American-River Messenger. Check to see if neighboring water providers (such as Carmichael Water District) wish to partner on advertising.

Online Advertising (June-August)

\$5,000

Run online advertising on Facebook and Google that is targeted geographically (according to zip code) to match SSWD's service area and topically to match search terms related to water efficiency, rebates, etc. The district will pay for advertising only if a viewer clicks through to the SSWD Web site. Also, SSWD is not required to have a Facebook page.

Maximize Existing Communication Channels

The following items are the District's existing outreach program. Staff will continue these programs, but will focus all messaging on customer outreach and education

Web Site (May-June)

Review the Web site and provide suggestions for enhancing and highlighting water conservation messages.

Messages on Hold (May-September)

Provide water conservation messaging for on-hold messaging.

Customer Service Flyers (May-September)

Place the existing Regional Water Authority/Save Our Water infographic in the customer service lobby.

Bill Inserts and Newsletter (July-September)

Educate customers about water conservation topics through both bill inserts and direct mail (newsletter) during the higher-water use months of July, August and September (note that the June insert already has been printed). In addition, create a special Water Conservation/Drought edition of the fall newsletter and distribute in early August (about a month earlier than typically scheduled).

Custom-Send Envelopes (July-September)

Provide water conservation messaging on billing envelopes. Note that the June envelope already has been printed.

Events Team (October)

Continue outreach to customers at community events such as the Carmichael Founders Day and North Highlands Jubilee in October. Offer incentive prizes for signing a pledge to conserve that will help customers keep that pledge. These include clings to remind customers about taking a shorter shower and buckets for saving water as it heats in the shower. Staff may consider another outreach event held in the summer months.

Fiscal Impact:

Fiscal impacts of declaring a Stage 3 – Water Crisis:

1. A 32% reduction in water consumption (when compared to 2013) is estimated to have a reduction of revenue of \$2,327,000 in 2015.
2. Additional revenue may be realized from water bill assessments to a customer's water bill if they do not comply with mandatory water conservation stage regulations is not known at this time.
3. Additional water conservation related material for handouts (brochures and water efficient devices) will cost approximately \$50,000.
4. Two additional WCRs will cost approximately \$35,000. Funds for increased WCRs and related materials are available in the Operations and Maintenance Budget.
5. Additional Customer Outreach and Education - \$120,000.

Strategic Plan Alignment:

Water Supply – 1.C. Continue to implement and support demand management strategies and water conservation that comply with federal, state and regional⁴ programs; support Water Forum Agreements goals and efficiently meet the needs of the District customers.

Facilities and Operations – 1.H. Implement water conservation programs that efficiently utilize potable water supplies.

Customer Service – 3.D. Provide effective customer and community relations by communicating, educating, and providing information on District operations, drinking water issues, resource sustainability and environmental stewardship.

Exhibit 1

Executive Department
State of California

EXECUTIVE ORDER B-29-15

WHEREAS on January 17, 2014, I proclaimed a State of Emergency to exist throughout the State of California due to severe drought conditions; and

WHEREAS on April 25, 2014, I proclaimed a Continued State of Emergency to exist throughout the State of California due to the ongoing drought; and

WHEREAS California's water supplies continue to be severely depleted despite a limited amount of rain and snowfall this winter, with record low snowpack in the Sierra Nevada mountains, decreased water levels in most of California's reservoirs, reduced flows in the state's rivers and shrinking supplies in underground water basins; and

WHEREAS the severe drought conditions continue to present urgent challenges including: drinking water shortages in communities across the state, diminished water for agricultural production, degraded habitat for many fish and wildlife species, increased wildfire risk, and the threat of saltwater contamination to fresh water supplies in the Sacramento-San Joaquin Bay Delta; and

WHEREAS a distinct possibility exists that the current drought will stretch into a fifth straight year in 2016 and beyond; and

WHEREAS new expedited actions are needed to reduce the harmful impacts from water shortages and other impacts of the drought; and

WHEREAS the magnitude of the severe drought conditions continues to present threats beyond the control of the services, personnel, equipment, and facilities of any single local government and require the combined forces of a mutual aid region or regions to combat; and

WHEREAS under the provisions of section 8558(b) of the Government Code, I find that conditions of extreme peril to the safety of persons and property continue to exist in California due to water shortage and drought conditions with which local authority is unable to cope; and

WHEREAS under the provisions of section 8571 of the California Government Code, I find that strict compliance with various statutes and regulations specified in this order would prevent, hinder, or delay the mitigation of the effects of the drought.

NOW, THEREFORE, I, EDMUND G. BROWN JR., Governor of the State of California, in accordance with the authority vested in me by the Constitution and statutes of the State of California, in particular Government Code sections 8567 and 8571 of the California Government Code, do hereby issue this Executive Order, effective immediately.

IT IS HEREBY ORDERED THAT:

1. The orders and provisions contained in my January 17, 2014 Proclamation, my April 25, 2014 Proclamation, and Executive Orders B-26-14 and B-28-14 remain in full force and effect except as modified herein.

SAVE WATER

2. The State Water Resources Control Board (Water Board) shall impose restrictions to achieve a statewide 25% reduction in potable urban water usage through February 28, 2016. These restrictions will require water suppliers to California's cities and towns to reduce usage as compared to the amount used in 2013. These restrictions should consider the relative per capita water usage of each water suppliers' service area, and require that those areas with high per capita use achieve proportionally greater reductions than those with low use. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.
3. The Department of Water Resources (the Department) shall lead a statewide initiative, in partnership with local agencies, to collectively replace 50 million square feet of lawns and ornamental turf with drought tolerant landscapes. The Department shall provide funding to allow for lawn replacement programs in underserved communities, which will complement local programs already underway across the state.
4. The California Energy Commission, jointly with the Department and the Water Board, shall implement a time-limited statewide appliance rebate program to provide monetary incentives for the replacement of inefficient household devices.
5. The Water Board shall impose restrictions to require that commercial, industrial, and institutional properties, such as campuses, golf courses, and cemeteries, immediately implement water efficiency measures to reduce potable water usage in an amount consistent with the reduction targets mandated by Directive 2 of this Executive Order.
6. The Water Board shall prohibit irrigation with potable water of ornamental turf on public street medians.
7. The Water Board shall prohibit irrigation with potable water outside of newly constructed homes and buildings that is not delivered by drip or microspray systems.

8. The Water Board shall direct urban water suppliers to develop rate structures and other pricing mechanisms, including but not limited to surcharges, fees, and penalties, to maximize water conservation consistent with statewide water restrictions. The Water Board is directed to adopt emergency regulations, as it deems necessary, pursuant to Water Code section 1058.5 to implement this directive. The Water Board is further directed to work with state agencies and water suppliers to identify mechanisms that would encourage and facilitate the adoption of rate structures and other pricing mechanisms that promote water conservation. The California Public Utilities Commission is requested to take similar action with respect to investor-owned utilities providing water services.

INCREASE ENFORCEMENT AGAINST WATER WASTE

9. The Water Board shall require urban water suppliers to provide monthly information on water usage, conservation, and enforcement on a permanent basis.
10. The Water Board shall require frequent reporting of water diversion and use by water right holders, conduct inspections to determine whether illegal diversions or wasteful and unreasonable use of water are occurring, and bring enforcement actions against illegal diverters and those engaging in the wasteful and unreasonable use of water. Pursuant to Government Code sections 8570 and 8627, the Water Board is granted authority to inspect property or diversion facilities to ascertain compliance with water rights laws and regulations where there is cause to believe such laws and regulations have been violated. When access is not granted by a property owner, the Water Board may obtain an inspection warrant pursuant to the procedures set forth in Title 13 (commencing with section 1822.50) of Part 3 of the Code of Civil Procedure for the purposes of conducting an inspection pursuant to this directive.
11. The Department shall update the State Model Water Efficient Landscape Ordinance through expedited regulation. This updated Ordinance shall increase water efficiency standards for new and existing landscapes through more efficient irrigation systems, greywater usage, onsite storm water capture, and by limiting the portion of landscapes that can be covered in turf. It will also require reporting on the implementation and enforcement of local ordinances, with required reports due by December 31, 2015. The Department shall provide information on local compliance to the Water Board, which shall consider adopting regulations or taking appropriate enforcement actions to promote compliance. The Department shall provide technical assistance and give priority in grant funding to public agencies for actions necessary to comply with local ordinances.
12. Agricultural water suppliers that supply water to more than 25,000 acres shall include in their required 2015 Agricultural Water Management Plans a detailed drought management plan that describes the actions and measures the supplier will take to manage water demand during drought. The Department shall require those plans to include quantification of water supplies and demands for 2013, 2014, and 2015 to the extent data is available. The Department will provide technical assistance to water suppliers in preparing the plans.

13. Agricultural water suppliers that supply water to 10,000 to 25,000 acres of irrigated lands shall develop Agricultural Water Management Plans and submit the plans to the Department by July 1, 2016. These plans shall include a detailed drought management plan and quantification of water supplies and demands in 2013, 2014, and 2015, to the extent that data is available. The Department shall give priority in grant funding to agricultural water suppliers that supply water to 10,000 to 25,000 acres of land for development and implementation of Agricultural Water Management Plans.
14. The Department shall report to Water Board on the status of the Agricultural Water Management Plan submittals within one month of receipt of those reports.
15. Local water agencies in high and medium priority groundwater basins shall immediately implement all requirements of the California Statewide Groundwater Elevation Monitoring Program pursuant to Water Code section 10933. The Department shall refer noncompliant local water agencies within high and medium priority groundwater basins to the Water Board by December 31, 2015, which shall consider adopting regulations or taking appropriate enforcement to promote compliance.
16. The California Energy Commission shall adopt emergency regulations establishing standards that improve the efficiency of water appliances, including toilets, urinals, and faucets available for sale and installation in new and existing buildings.

INVEST IN NEW TECHNOLOGIES

17. The California Energy Commission, jointly with the Department and the Water Board, shall implement a Water Energy Technology (WET) program to deploy innovative water management technologies for businesses, residents, industries, and agriculture. This program will achieve water and energy savings and greenhouse gas reductions by accelerating use of cutting-edge technologies such as renewable energy-powered desalination, integrated on-site reuse systems, water-use monitoring software, irrigation system timing and precision technology, and on-farm precision technology.

STREAMLINE GOVERNMENT RESPONSE

18. The Office of Emergency Services and the Department of Housing and Community Development shall work jointly with counties to provide temporary assistance for persons moving from housing units due to a lack of potable water who are served by a private well or water utility with less than 15 connections, and where all reasonable attempts to find a potable water source have been exhausted.
19. State permitting agencies shall prioritize review and approval of water infrastructure projects and programs that increase local water supplies, including water recycling facilities, reservoir improvement projects, surface water treatment plants, desalination plants, stormwater capture, and greywater systems. Agencies shall report to the Governor's Office on applications that have been pending for longer than 90 days.

20. The Department shall take actions required to plan and, if necessary, implement Emergency Drought Salinity Barriers in coordination and consultation with the Water Board and the Department of Fish and Wildlife at locations within the Sacramento - San Joaquin delta estuary. These barriers will be designed to conserve water for use later in the year to meet state and federal Endangered Species Act requirements, preserve to the extent possible water quality in the Delta, and retain water supply for essential human health and safety uses in 2015 and in the future.
21. The Water Board and the Department of Fish and Wildlife shall immediately consider any necessary regulatory approvals for the purpose of installation of the Emergency Drought Salinity Barriers.
22. The Department shall immediately consider voluntary crop idling water transfer and water exchange proposals of one year or less in duration that are initiated by local public agencies and approved in 2015 by the Department subject to the criteria set forth in Water Code section 1810.
23. The Water Board will prioritize new and amended safe drinking water permits that enhance water supply and reliability for community water systems facing water shortages or that expand service connections to include existing residences facing water shortages. As the Department of Public Health's drinking water program was transferred to the Water Board, any reference to the Department of Public Health in any prior Proclamation or Executive Order listed in Paragraph 1 is deemed to refer to the Water Board.
24. The California Department of Forestry and Fire Protection shall launch a public information campaign to educate the public on actions they can take to help to prevent wildfires including the proper treatment of dead and dying trees. Pursuant to Government Code section 8645, \$1.2 million from the State Responsibility Area Fire Prevention Fund (Fund 3063) shall be allocated to the California Department of Forestry and Fire Protection to carry out this directive.
25. The Energy Commission shall expedite the processing of all applications or petitions for amendments to power plant certifications issued by the Energy Commission for the purpose of securing alternate water supply necessary for continued power plant operation. Title 20, section 1769 of the California Code of Regulations is hereby waived for any such petition, and the Energy Commission is authorized to create and implement an alternative process to consider such petitions. This process may delegate amendment approval authority, as appropriate, to the Energy Commission Executive Director. The Energy Commission shall give timely notice to all relevant local, regional, and state agencies of any petition subject to this directive, and shall post on its website any such petition.

26. For purposes of carrying out directives 2–9, 11, 16–17, 20–23, and 25, Division 13 (commencing with section 21000) of the Public Resources Code and regulations adopted pursuant to that Division are hereby suspended. This suspension applies to any actions taken by state agencies, and for actions taken by local agencies where the state agency with primary responsibility for implementing the directive concurs that local action is required, as well as for any necessary permits or approvals required to complete these actions. This suspension, and those specified in paragraph 9 of the January 17, 2014 Proclamation, paragraph 19 of the April 25, 2014 proclamation, and paragraph 4 of Executive Order B-26-14, shall remain in effect until May 31, 2016. Drought relief actions taken pursuant to these paragraphs that are started prior to May 31, 2016, but not completed, shall not be subject to Division 13 (commencing with section 21000) of the Public Resources Code for the time required to complete them.
27. For purposes of carrying out directives 20 and 21, section 13247 and Chapter 3 of Part 3 (commencing with section 85225) of the Water Code are suspended.
28. For actions called for in this proclamation in directive 20, the Department shall exercise any authority vested in the Central Valley Flood Protection Board, as codified in Water Code section 8521, et seq., that is necessary to enable these urgent actions to be taken more quickly than otherwise possible. The Director of the Department of Water Resources is specifically authorized, on behalf of the State of California, to request that the Secretary of the Army, on the recommendation of the Chief of Engineers of the Army Corps of Engineers, grant any permission required pursuant to section 14 of the Rivers and Harbors Act of 1899 and codified in section 48 of title 33 of the United States Code.
29. The Department is directed to enter into agreements with landowners for the purposes of planning and installation of the Emergency Drought Barriers in 2015 to the extent necessary to accommodate access to barrier locations, land-side and water-side construction, and materials staging in proximity to barrier locations. Where the Department is unable to reach an agreement with landowners, the Department may exercise the full authority of Government Code section 8572.
30. For purposes of this Executive Order, chapter 3.5 (commencing with section 11340) of part 1 of division 3 of the Government Code and chapter 5 (commencing with section 25400) of division 15 of the Public Resources Code are suspended for the development and adoption of regulations or guidelines needed to carry out the provisions in this Order. Any entity issuing regulations or guidelines pursuant to this directive shall conduct a public meeting on the regulations and guidelines prior to adopting them.

31. In order to ensure that equipment and services necessary for drought response can be procured quickly, the provisions of the Government Code and the Public Contract Code applicable to state contracts, including, but not limited to, advertising and competitive bidding requirements, are hereby suspended for directives 17, 20, and 24. Approval by the Department of Finance is required prior to the execution of any contract entered into pursuant to these directives.

This Executive Order is not intended to, and does not, create any rights or benefits, substantive or procedural, enforceable at law or in equity, against the State of California, its agencies, departments, entities, officers, employees, or any other person.

I FURTHER DIRECT that as soon as hereafter possible, this Order be filed in the Office of the Secretary of State and that widespread publicity and notice be given to this Order.

IN WITNESS WHEREOF I have hereunto set my hand and caused the Great Seal of the State of California to be affixed this 1st day of April 2015.

EDMUND G. BROWN JR.
Governor of California

ATTEST:

ALEX PADILLA
Secretary of State

ADOPTED TEXT OF EMERGENCY REGULATION

Article 22.5. Drought Emergency Water Conservation.

Sec. 863. Findings of Drought Emergency.

(a) The State Water Resources Control Board finds as follows:

- (1) On January 17, 2014, the Governor issued a proclamation of a state of emergency under the California Emergency Services Act based on drought conditions;
- (2) On April 25, 2014, the Governor issued a proclamation of a continued state of emergency under the California Emergency Services Act based on continued drought conditions;
- (3) On April 1, 2015, the Governor issued an Executive Order that, in part, directs the State Board to impose restrictions on water suppliers to achieve a statewide 25 percent reduction in potable urban usage through February, 2016; require commercial, industrial, and institutional users to implement water efficiency measures; prohibit irrigation with potable water of ornamental turf in public street medians; and prohibit irrigation with potable water outside newly constructed homes and buildings that is not delivered by drip or microspray systems;
- (4) The drought conditions that formed the basis of the Governor's emergency proclamations continue to exist;
- (5) The present year is critically dry and has been immediately preceded by two or more consecutive below normal, dry, or critically dry years; and
- (6) The drought conditions will likely continue for the foreseeable future and additional action by both the State Water Resources Control Board and local water suppliers will likely be necessary to prevent waste and unreasonable use of water and to further promote conservation.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, and 275, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 864. End-User Requirements in Promotion of Water Conservation.

(a) To prevent the waste and unreasonable use of water and to promote water conservation, each of the following actions is prohibited, except where necessary to address an immediate health and safety need or to comply with a term or condition in a permit issued by a state or federal agency:

- (1) The application of potable water to outdoor 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;
- (2) The use of a hose that dispenses potable water to wash a motor vehicle, 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;
- (3) The application of potable water to driveways and sidewalks; and
- (4) The use of potable water in a fountain or other decorative water feature, except where the water is part of a recirculating system;

(5) The application of potable water to outdoor landscapes during and within 48 hours after measurable rainfall;

(6) 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;

(7) The irrigation with potable water of ornamental turf on public street medians; and

(8) The irrigation with potable water of landscapes outside of newly constructed homes and buildings in a manner inconsistent with regulations or other requirements established by the California Building Standards Commission and the Department of Housing and Community Development.

(b) To promote water conservation, 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 guestroom using clear and easily understood language.

(c) Immediately upon this subdivision taking effect, all commercial, industrial and institutional properties that use a water supply, any portion of which is from a source other than a water supplier subject to section 865, shall either:

(1) Limit outdoor irrigation of ornamental landscapes or turf with potable water to no more than two days per week; or

(2) Reduce potable water usage supplied by sources other than a water supplier by 25 percent for the months of June 2015 through February 2016 as compared to the amount used from those sources for the same months in 2013.

(d) The taking of any action prohibited in subdivision (a) or the failure to take any action required in subdivisions (b) or (c), is an infraction, punishable by a fine of up to five hundred dollars (\$500) for each day in which the violation occurs. The fine for the infraction is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, 275, 350, and 10617, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 865. Mandatory Actions by Water Suppliers.

(a) As used in this section:

(1) "Distributor of a public water supply" has the same meaning as under section 350 of the Water Code, except it does not refer to such distributors when they are functioning solely in a wholesale capacity, but does apply to distributors when they are functioning in a retail capacity.

(2) "R-GPCD" means residential gallons per capita per day.

(3) "Total potable water production" means all potable water that enters into a water supplier's distribution system, excluding water placed into

storage and not withdrawn for use during the reporting period, or water exported outside the supplier's service area.

- (4) "Urban water supplier" means a supplier that meets the definition set forth in Water Code section 10617, except it does not refer to suppliers when they are functioning solely in a wholesale capacity, but does apply to suppliers when they are functioning in a retail capacity.

(b) In furtherance of the promotion of water conservation each urban water supplier shall:

(1) Provide prompt notice to a customer whenever the supplier obtains information that indicates that a leak may exist within the end-user's exclusive control.

(2) Prepare and submit to the State Water Resources Control Board by the 15th of each month a monitoring report on forms provided by the Board. The monitoring report shall include the amount of potable water the urban water supplier produced, including water provided by a wholesaler, in the preceding calendar month and shall compare that amount to the amount produced in the same calendar month in 2013. The monitoring report shall specify the population served by the urban water supplier, the percentage of water produced that is used for the residential sector, descriptive statistics on water conservation compliance and enforcement efforts, and the number of days that outdoor irrigation is allowed, and monthly commercial, industrial and institutional sector use. The monitoring report shall also estimate the gallons of water per person per day used by the residential customers it serves.

(c)(1) To prevent the waste and unreasonable use of water and to meet the requirements of the Governor's April 1, 2015 Executive Order, each urban water supplier shall reduce its total potable water production by the percentage identified as its conservation standard in this subdivision. Each urban water supplier's conservation standard considers its service area's relative per capita water usage.

(2) Each urban water supplier whose source of supply does not include groundwater or water imported from outside the hydrologic region in which the water supplier is located, and that has a minimum of four years' reserved supply available may, submit to the Executive Director for approval a request that, in lieu of the reduction that would otherwise be required under paragraphs (3) through (10), the urban water supplier shall reduce its total potable water production by 4 percent for each month as compared to the amount used in the same month in 2013. Any such request shall be accompanied by information showing that the supplier's sources of supply do not include groundwater or water imported from outside the hydrologic region and that the supplier has a minimum of four years' reserved supply available.

(3) Each urban water supplier whose average July-September 2014 R-GPCD was less than 65 shall reduce its total potable water production by 8 percent for each month as compared to the amount used in the same month in 2013.

(4) Each urban water supplier whose average July-September 2014 R-GPCD was 65 or more but less than 80 shall reduce its total potable water production by 12 percent for each month as compared to the amount used in the same month in 2013.

(5) Each urban water supplier whose average July-September 2014 R-GPCD was 80 or more but less than 95 shall reduce its total potable water production by 16 percent for each month as compared to the amount used in the same month in 2013.

(6) Each urban water supplier whose average July-September 2014 R-GPCD was 95 or more but less than 110 shall reduce its total potable water production by 20 percent for each month as compared to the amount used in the same month in 2013.

(7) Each urban water supplier whose average July-September 2014 R-GPCD was 110 or more but less than 130 shall reduce its total potable water production by 24 percent for each month as compared to the amount used in the same month in 2013.

(8) Each urban water supplier whose average July-September 2014 R-GPCD was 130 or more but less than 170 shall reduce its total potable water production by 28 percent for each month as compared to the amount used in the same month in 2013.

(9) Each urban water supplier whose average July-September 2014 R-GPCD was 170 or more but less than 215 shall reduce its total potable water production by 32 percent for each month as compared to the amount used in the same month in 2013.

(10) Each urban water supplier whose average July-September 2014 R-GPCD was 215 or more shall reduce its total potable water production by 36 percent for each month as compared to the amount used in the same month in 2013.

(d)(1) Beginning June 1, 2015, each urban water supplier shall comply with the conservation standard specified in subdivision (c).

(2) Compliance with the requirements of this subdivision shall be measured monthly and assessed on a cumulative basis.

(e)(1) Each urban water supplier that provides potable water for commercial agricultural use meeting the definition of Government Code section 51201, subdivision (b), may subtract the amount of water provided for commercial agricultural use from its potable water production total, provided that any urban water supplier that subtracts any water provided for commercial agricultural use from its total potable water production shall:

(A) Impose reductions determined locally appropriate by the urban water supplier, after considering the applicable urban water supplier conservation standard specified in subdivision (c), for commercial agricultural users meeting the definition of Government Code section 51201, subdivision (b) served by the supplier;

(B) Report its total potable water production pursuant to subdivision (b)(2) of this section, the total amount of water supplied for commercial agricultural use, and shall identify the reduction imposed on its commercial agricultural users and each recipient of potable water for commercial agricultural use;

(C) Certify that the agricultural uses it serves meet the definition of Government Code section 51201, subdivision (b); and

(D) Comply with the Agricultural Water Management Plan requirement of paragraph 12 of the April 1, 2015 Executive Order for all commercial agricultural water served by the supplier that is subtracted from its total potable water production.

(2) Submitting any information pursuant to subdivision (e)(1)(B) or (C) of this section that is found to be materially false by the board is a violation of this regulation, punishable by civil liability of up to five hundred dollars (\$500) for each day in which the violation occurs. Every day that the error goes uncorrected constitutes a separate violation. Civil liability for the violation is in addition to, and does not supersede or limit, any other remedies, civil or criminal.

(f)(1) To prevent waste and unreasonable use of water and to promote water conservation, each distributor of a public water supply that is not an urban water supplier shall take one or more of the following actions:

(A) Limit outdoor irrigation of ornamental landscapes or turf with potable water by the persons it serves to no more than two days per week; or

(B) Reduce by 25 percent reduction its total potable water production relative to the amount produced in 2013.

(2) Each distributor of a public water supply that is not an urban water supplier shall submit a report by December 15, 2015, on a form provided by the Board, that either confirms compliance with subdivision (f)(1)(A) or identifies total potable water production, by month, from June through November, 2015, and total potable water production, by month, for June through November 2013.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 102, 104, 105, 275, 350, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Sec. 866. Additional Conservation Tools.

(a)(1) To prevent the waste and unreasonable use of water and to promote conservation, when a water supplier does not meet its conservation standard required by section 865 the Executive Director, or the Executive Director's designee, may issue conservation orders requiring additional actions by the supplier to come into compliance with its conservation standard.

(2) A decision or order issued under this article by the board or an officer or employee of the board is subject to reconsideration under article 2 (commencing with section 1122) of chapter 4 of part 1 of division 2 of the California Water Code.

(b) The Executive Director, or his designee, may issue an informational order requiring water suppliers, or commercial, industrial or institutional properties that receive any portion of their supply from a source other than a water supplier subject to section 865, to submit additional information relating to water production, water use or water conservation. The failure to provide the information requested within 30 days or any additional time extension granted is a violation subject to civil liability of up to \$500 per day for each day the violation continues pursuant to Water Code section 1846.

Authority: Section 1058.5, Water Code.

References: Cal. Const., Art., X § 2; Sections 100, 102, 104, 105, 174, 186, 187, 275, 350, 1051, 1122, 1123, 1825, 1846, 10617 and 10632, Water Code; *Light v. State Water Resources Control Board* (2014) 226 Cal.App.4th 1463.

Exhibit 1

Regulation No. 15
Water Conservation
Water Shortage Contingency Plan

Adopted: July 19, 2004

Amended: November 17, 2008; March 16, 2009; April 20, 2009;
December 21, 2009; April 19, 2010; December 20, 2010

A. Water Conservation Stage Declaration

Each year, the District Board of Directors shall determine, based on data in the California Department of Water Resource's (DWR) Bulletin #120 and present water conditions, the water stage applicable to the District. The declaration shall consist of "normal water supply", or one of the four (4) stages of varying water conservation measures. The applicable stage determined by the District shall be effective upon adoption by the Board of Directors each water year and shall remain in effect until changed by the Board based on updated data from DWR, past water usage within the District, and existing water supply and use conditions. The water year shall be defined as the period starting October 1 and lasting until September 30 of the following year.

Regardless of water supply availability or service conditions within the District, the Board of Directors reserves the right to set water conservation goals and modify stage declarations as necessary to align with regional or state water conservation policies, agreements or declarations, or legal requirements. All wasteful practices or unreasonable uses of District water, whether willful or negligent, are always prohibited. The General Manager, following the guidelines set forth in this Regulation and other relevant Board policies, state laws and regulations, shall determine what constitutes a wasteful practice or unreasonable use of water.

In addition to Normal Water Supply Conditions, the following four stages, including their conservation requirements, shall be observed by all water users within the District:

NORMAL WATER SUPPLY

Water supply conditions are adequate to meet the demands of the District's Customers. The goal of this stage is the use of water efficiently in conformance with the water conservation Best Management Practices (BMPs) specified in the District's Urban Water Management Plan. Requirements specified in this stage are applicable to and in force at all times and in all other stages of this regulation. The following requirements shall be in force during Normal Water Supply and in all subsequent stage declarations unless the Board modifies or adds to these restrictions:

1. Water must not be permitted to discharge, flow, or run to waste into any gutter, sanitary sewer, water course, or storm drain, or to any adjacent lot, from any tap, hose, faucet, pipe, sprinkler, or nozzle. In the case of irrigation, "discharge," "flow," or "run to waste" means that the earth intended to be irrigated has been saturated

with water to the point that excess water flows over the earth to waste. In the case of washing, “discharge,” “flow,” or “run to waste” means the water in excess of that which is necessary to wash, wet or clean the dirty or dusty object, such as an automobile or boat, flows to waste.

2. Washing of vehicles is permitted only with the use of a water saver nozzle equipped with automatic shut-off and bucket, provided minimal runoff occurs on sidewalks or street.
3. The use of water for washing down sidewalks, walkways, driveways, parking lots or buildings, except as necessary for health, sanitary, or fire protection purposes, is prohibited. When used for these exceptions, high-pressure washers shall be used.
4. All water hoses or filling apparatus shall be equipped with a control nozzle capable of completely shutting off the flow of water except when positive pressure to the nozzle is applied.
5. All water fixtures or heating or cooling devices must not be allowed to leak or discharge. All known leaks must be repaired within seven (7) days or less depending on the severity of the leak.
6. The operation of an irrigation system that applies water to an impervious surface (example: concrete or asphalt) or that is in disrepair is prohibited.
7. Water during cooler morning and evening hours to reduce evaporation and avoid peak energy demand times. Outdoor watering from 12:00 noon to 8:00 p.m. during the months of May - August is prohibited; & watering from 12:00 noon to 6:00 p.m. during the months of September – April is prohibited.
8. Irrigation of landscaping during rainfall is prohibited.
9. Backwashing or overfilling, so as to discharge water to waste, swimming pools, decorative basins, or ponds in excess of the frequency reasonably necessary to maintain the clarity or cleanliness of the water is prohibited. Pool draining and refilling will be allowed only for health, maintenance, or structural considerations upon submittal of a written report by a health official or pool consultant and approval provided by the District.
10. All pools, spas, decorative or ornamental fountains, ponds and waterways must be equipped with a recirculation pump and must be constructed to be leak-proof.
11. The use of water from a fire hydrant without the expressed written permission from the District is prohibited.
12. The use of water in new conveyer car washes and new commercial laundry systems that do not use a recirculation system shall be prohibited.
13. Customers enrolled in the Large Irrigation Services Customer (LISC) program will adhere to the LISC Agreement, as signed by both the customer and the District.

The following are recommended practices for this stage:

1. Watering three (3) days or less per week is encouraged. Customers whose address ends with an odd number are encouraged to only water on Tuesdays, Thursdays and Saturdays. Customers whose address ends with an even number are encouraged to only water on Sundays, Wednesdays and Fridays. Watering on Mondays is not recommended.
2. Pool covers for swimming pools and spas are recommended to reduce evaporation.
3. Customers are encouraged to wash only full loads of laundry and dishes.

4. Restaurants are encouraged to service water only upon customer request.
5. District Customers are encouraged to take advantage of the District's conservation programs and rebates.

STAGE 1 – WATER ALERT

Water supply conditions may be impeded by lack of available sources including surface water supplies conjunctively used by the District, regional circumstances or statewide climate influences. The goal of this stage is to reduce District-wide consumption of water by up to 20% in order to meet the needs of District Customers, comply with State mandates, cooperate with regional programs and/or comply with County regulations declaring water shortages. The following requirements shall be in force during Stage 1 and all subsequent increases in stage declarations:

1. All requirements of Normal Water Supply Conditions except that the District will make mandatory and will enforce the following:
 - a. Three (3) day per week Odd/Even outdoor watering shall be followed.
 - a. Odd addresses water on Tuesday, Thursday, and Saturday.
 - b. Even addresses water on Wednesday, Friday, and Sunday.
 - c. Watering on Monday is prohibited.
 - b. Restaurants shall serve water only upon customer request.

The following are recommended practices for this stage:

1. All recommendations of Normal Water Supply Conditions unless modified to mandatory requirements.
2. District Customers with “smart” irrigation timers are encouraged to set their controllers to achieve watering efficiency equal to no more than 80% of the evapotranspiration (ET) rate for the Sacramento area.
3. New or expanded landscaping should be limited to drought tolerant trees, shrubs and ground cover. The planting of new turf or grass, whether hydro-seeded or laid, is discouraged.

STAGE 2 – WATER WARNING

Water supply conditions may be impeded by lack of available sources including surface water supplies conjunctively used by the District, regional circumstances or statewide climate influences. The goal of this stage is to reduce District-wide consumption of water by up to 30% in order to meet the needs of District Customers, comply with State mandates, cooperate with regional programs and/or comply with County regulations declaring water shortages. The following requirements shall be in force during Stage 2 and all subsequent increases in stage declarations:

1. All requirements of the previous stages unless further modified below.
2. Outdoor watering shall be limited to no more than two days per week, as determined by the Board of Directors at the time of a Stage 2 declaration.
3. Hydrant permits for construction water will be issued only with the approval of the General Manager. A construction water use plan must be submitted to the District for review that addresses how impacts to existing water users will be mitigated (such as dust control).

4. A County or State health official must verify all health and emergency conditions requiring potable water use for the purpose of any washing of sidewalks, walkways, streets, parking lots, driveways. An industry professional must verify all health and emergency conditions requiring potable water use for the purpose of any washing of buildings.
5. New or expanded landscaping shall be limited to drought tolerant trees, shrubs and ground cover. No new turf or grass shall be planted, hydro-seeded or laid without prior approval of the General Manager.
6. Decorative fountains that use potable water will be drained and kept dry.

The following are recommended practices for this stage:

1. All recommendations of the previous stages unless modified to requirements.
2. District Customers with “smart” irrigation timers are encouraged to set their controllers to achieve watering efficiency equal to no more than 75% of the evapotranspiration (ET) rate for the Sacramento area.
3. Washing of vehicles and other mobile equipment should be conducted at commercial establishments that use fully recycled water.

STAGE 3 – WATER CRISIS

Water supply conditions are significantly impeded by interruption of available sources, a regional emergency, a county emergency or state mandates. The goal of this stage is to reduce District-wide consumption of water by up to 40% in order to meet the needs of District Customers. A declaration of this stage will be in conformance with the activation of the District’s Emergency Response Plan and/or Water Shortage Contingency Plan. The following requirements shall be in force during Stage 3 and any subsequent increase in stage declaration:

1. All requirements of the previous stages unless further modified below.
2. Outdoor landscape irrigation shall be limited to one day, as determined by the Board of Directors at the time of a Stage 3 declaration.
3. The planting of new or expanded landscaping is prohibited, unless it is demonstrated that the new landscaping will result in a decrease in water use.
4. Watering restriction exemptions for new turf or hydro-seed will be revoked.
5. Except where non-potable water is used, all Large Landscape Irrigation Customers (CII) must cease all turf irrigation. Non-ornamental turf, such as active playing surfaces of sports fields, may be irrigated provided the overall system water use is reduced by 40%.
6. Car washing is only permitted using a commercial carwash that recirculates water or by high pressure/low volume wash systems.

The following are recommended practices for this stage:

1. All recommendations of the previous stages unless modified to requirements.
2. District Customers with “smart” irrigation timers are encouraged to set their controllers to achieve watering efficiency equal to no more than 70% of the evapotranspiration (ET) rate for the Sacramento area.

STAGE 4 – WATER EMERGENCY (Public Health and Safety Only)

Water supply conditions are significantly impeded by interruption of available sources, a regional emergency, a county emergency or state mandates. The goal of this stage is to reduce District-wide consumption of water by greater than 50% in order to meet the needs of District Customers. A declaration of this stage will be in conformance with the activation of the District's Emergency Response Plan. The following requirements shall be in force during Stage 4:

1. All requirements of the previous stages unless further modified below.
2. Any use of water for washing down sidewalks and driveways is prohibited. Unless a condition of health and/or safety is verified by a Sacramento County Health Official.
3. Use of District water is prohibited for filling pools, ponds or spas.
4. Outdoor landscape irrigation is prohibited.
5. All washing of vehicles and other mobile equipment is prohibited unless conducted at a commercial establishment that uses fully recycled water.
6. All metered services will be subject to additional tiered rates approved by the District Board of Directors.
7. No commitments will be provided for new water service connections until the District has returned, at a minimum, to Stage 3 restrictions. The District reserves the right to limit or refuse new service connections until Stage 2 conditions exist.

Recommended practices identified in previous stages are not applicable in Stage 4.

WATER USE PERMITTED

Water used for the following purposes is considered essential for public health and safety and is therefore permitted during all stage declarations:

- A. Water use for firefighting or routine inspection of fire hydrants or from fire training activities.
- B. Water applied to abate spills of flammable or other hazardous materials, where water is an appropriate abatement methodology.
- C. Water applied to prevent or abate imminent health, safety, or accident hazards when alternate methods are not available.

B. ENFORCEMENT

Enforcement of any violation of the water conservation requirements provided in this Regulation No. 15, as they may be amended from time to time by the District Board of Directors, is provided in this section. Service charges will be assessed for a violation of the District's conservation rules in accordance with the following provisions. A Customer will be notified when violations may result in service charges. The service charges that may be assessed are provided in Section L of Regulation No. 3. In cases of tenant occupancy, landowners retain full responsibility for the use of water by their tenants, including payment of any service charges imposed for violations of this Regulation 15.

Enforcement of the requirements of each water conservation stage will be conducted in a progressive manner and may ultimately lead to termination of service in cases where a violator refuses to discontinue activities constituting water waste. The enforcement steps are as follows:

Notice of Violation: Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of the existence of a violation, the District shall request Customer compliance with this Regulation via a notice of violation delivered in person.

Warning Notice of Violation: Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of the existence of a violation, the District shall request Customer compliance with this Regulation via a Warning Notice of Violation delivered in person.

First Violation: Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of the existence of the next violation after a Warning was issued, the District shall request Customer compliance with this Regulation via a notice delivered in person by District personnel, and/or by certified mail to the billing address of the Parcel upon which the 1st violation has occurred.

The first violation charged to a Parcel will begin the District's monitoring of that Parcel for water waste. Should there be no additional violations on the Parcel prior to the conclusion of the current water year, then that Parcel's violation from the previous year will be expunged and the Parcel will be deemed to be free of violations and the counting of any violations incurred in the new water year will begin on a clean record. The District shall keep on file copies of all violations of the District's water conservation requirements that were incurred in the same water year.

For one time only, and upon request, a Customer may participate in a Water-Wise House Call to remove a first violation from the customer's record for the current water year.

Second Violation: Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of a second water conservation violation of any kind on the same Parcel, the Customer and Landowner shall be notified of the 2nd violation in writing at the established billing address by District personnel and/or via certified mail. The District will assess a service charge for the violation, which will be added to the Customer's next bill. The second violation service charge will be billed in accordance with Regulation 3, Section L.1.

If a second violation occurs at a Stage 2 or higher water conservation stage in this Regulation on any non-metered service, the District shall install a permanent water meter on any existing Service Connection on the Parcel where the violation occurred and/or the District may impose an additional service charge as approved by the District Board of Directors. Metered rate billing will be initiated on the account at the next billing period following the meter installation.

A Customer may avoid paying a service charge for a second violation by attending a water conservation awareness workshop, at the customer's expense, and participating in a Water-Wise House Call if not completed following the first violation.

Third Violation: Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of a third water conservation violation of any kind on the same Parcel, the Customer and Landowner shall be notified of the violation in writing at the established billing address by District personnel and/or via certified mail. The District will assess a service charge for the violation, which will be added to Customer's next bill in accordance to Regulation 3, Section L.2. The notice of violation also will state that a subsequent violation may result in disconnection or reduction of service.

Fourth Violation: Upon observation by authorized District personnel, or demonstrated to the District's satisfaction, of a fourth water conservation violation of any kind on the same Parcel, the Customer and Landowner shall be notified of the violation in writing at the established billing address by District personnel or via certified mail. The District will assess a charge for the fourth violation as follows:

Flat Rate Services: Upon the fourth water conservation violation of a non-metered account, the District may discontinue or reduce the water supply to the Parcel where the violation occurred. The District shall, in its sole discretion, decide whether to terminate or reduce service based on all of the facts and circumstances of the violation and the Customer's past water use history. The Landowner shall be notified in writing by District personnel and/or via certified mail of the violation that a water meter shall be installed on that Parcel. The Landowner shall bear the cost of installing the meter, which shall be based on the cost of the District's time and materials. The installation of this meter shall cause the billing for the Parcel to be changed from a flat rate to a metered rate. The monthly charge for a metered service will be computed on the current metered rate as more specifically set forth in the District's Regulation No. 3 and any additional tiered water conservation rates adopted by the Board. The installation of this Meter shall be deemed permanent.

Metered Services: Upon the fourth water conservation violation on an existing metered service, the District will notify the Landowner of the violation in writing at the established billing address by District personnel and/or via certified mail. The Landowner will be informed that an additional charge for servicing the violation will be included in his/her next billing. The amount of the charge is as follows:

- (i) 1-inch or smaller service: 25% of the amount of the water bill for the month in which the violation occurs.
- (ii) 1½ inch or larger service: 50% of the amount of the water bill for the month in which the violation occurs.

In addition, the District may discontinue or reduce the water supply to the Parcel where the violation occurred. The District shall, in its sole discretion, decide whether to terminate or reduce service based on all of the facts and circumstances of the violation and the Customer's past water use history. To restore service or full flow capabilities, the affected Customer will be required to request a hearing of the

District Board of Directors, where the Customer may present evidence to the Board concerning the violation and request the restoration of water service. At its next regular meeting after the hearing, the District Board shall enter into the record its findings and decision concerning the service restoration request and each issue there under. The Board's decision will be final. The Secretary of the Board will mail the Board's written findings and decision to the Customer within thirty days (30) after the date that the Board renders its decision.

Where compliance with the requirements of this Regulation 15 are beyond the control of the Customer or Landowner and written justification and supporting evidence has been provided by the Customer or Landowner and verified by a District representative, the General Manager may excuse the violation. Approval of such a variance by the General Manager shall be conditioned on the Customer's or Landowner's cooperation with the District in resolving the violation.

Where a water conservation violation occurs on a Parcel improved with multiple family units, and it is not practical to determine which unit is responsible for the violation, the District will assess the service charge described above for existing metered rates.

Where water is wastefully or negligently used on a water user's premises to the extent that the violation seriously affects the District's general service capability, the District may discontinue service to the premises if the water waste conditions causing the general service disruption are not corrected within twenty-four (24) hours after the District provides the water user with the violation notice. A door hanger (notice) shall be deemed sufficient written notice for this purpose.

When encountered in the course of routine daily activity, District personnel have the responsibility and authority to control leaks on any Premises at the point of connection or at the valve controlling the Customer's System. When water is shut off for control of a leak, the District will provide the Customer with notice of the condition.

Sacramento Suburban Water District Water Conservation Program

Greg Bundesen
Water Conservation Supervisor
May 14, 2015

Agenda Item 1 – Governor Issues Executive Order B-29-15

- ▶ April 1, 2015 Governor calls for mandatory statewide water reductions of 25%.



State Water Resources Control Board

▶ Assigned Water Conservation Tiers

- Using July – September 2014 reported R-GPCD average
- Revised District R-GPCD = 186.7
 - Tier 7
 - Expected 32% reduction
- Possible \$10,000 per day fines for non-compliance

R-GPCD Avg.	Conservation Tier	% Reduction
< 65	1	8%
66-79	2	12%
80-94	3	16%
95-109	4	20%
110-129	5	24%
130-169	6	28%
170-214	7	32%
>215	8	36%

2015 Water Conservation Stage Declaration

- ▶ June – September reductions are critical for compliance.
- ▶ Recommendation
 - Stage 3 – Water Crisis
 - 30-40% reduction in water use.
- ▶ Additional Staffing
 - 2 additional Part-Time Water Conservation Representatives.
- ▶ Additional Outreach
 - Expand the Community Outreach Program

2015 Water Conservation Stage Declaration

- ▶ Watering Schedule for grass: 1 day per week
 - Odd Addresses: Saturday
 - Even Addresses: Sunday

- ▶ Recommendation: Modify Watering Schedule for non-grass areas on drip systems to allow 3 days per week:
 - Odd Addresses: Tuesday, Thursday & Saturday
 - Even Addresses: Wednesday, Friday & Sunday

2015 Water Conservation Stage Declaration

Agency	No. of Watering Days	Special Considerations
City of Sacramento	2	None
City of Roseville	2	Reduces to 1 day September–April. Drip is exempt.
California American Water	2	None
Carmichael WD	2	Drip irrigation is exempt.
Citrus Heights WD	2	None
Rio Linda/Elverta CWD	2	None
San Juan Water District	2	None
Sacramento County Water Agency	1 (Turf)	3 days for non-turf drip/low volume irrigation.

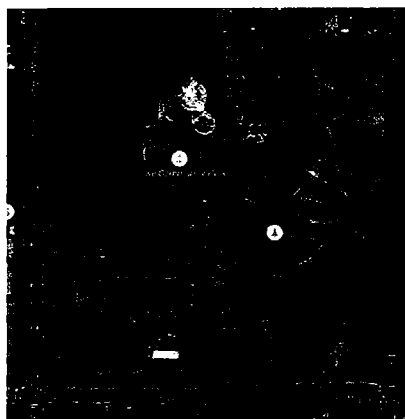
2015 Water Conservation Stage Declaration

- ▶ Planting of new or expanded landscape is prohibited.
 - Recommendation: Unless it is demonstrated that the new landscaping will result in a decrease in water use by 40% or greater. New or expanded landscape requests are subject to the review and approval by the General Manager.
- ▶ Watering restriction exemptions for new turf or hydro-seed will be revoked.
 - Recommendation: Unless the new turf or hydro-seed area project is funded by a state or federal grant program or approved by the General Manager.

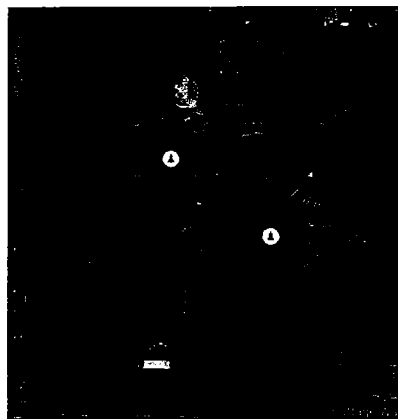
2015 Water Conservation Stage Declaration

- ▶ Except where non-potable water is used, all Large Landscape Irrigation Customers (LII) must cease all turf irrigation. Non-ornamental turf, such as the active playing surfaces of sports fields, may be irrigated provided the overall system water use is reduced by 40%.

2015 Water Conservation Stage Declaration



Ornamental Turf



Non-Ornamental

2015 Water Conservation Stage Declaration

- ▶ Car washing is only permitted using a commercial carwash that recirculates water or by high pressure/low volume wash systems.



2015 Water Conservation Stage Declaration

- ▶ Deceptive fountains that use potable water will be drained and kept dry.
- ▶ Restaurants will serve water only on request.
- ▶ All water hoses or filling apparatus shall be equipped with a control nozzle capable of completely shutting off the flow of water except when positive pressure to the nozzle is applied

2015 Water Conservation Stage Declaration

- ▶ Water during cooler morning and evening hours to reduce evaporation and avoid peak energy demand times. Outdoor watering from 12:00 noon to 8:00 p.m. during the months of May - August is prohibited; & watering from 12:00 noon to 6:00 p.m. during the months of September - April is prohibited.

2015 Water Conservation Stage Declaration

- ▶ Backwashing or overfilling, so as to discharge water to waste, swimming pools, or ponds in excess of the frequency reasonably necessary to maintain the clarity or cleanliness of the water is prohibited. Pool draining and refilling will be allowed only for health, maintenance, or structural considerations upon submittal of a written report by a health official or pool consultant and approval provided by the District.

2015 Water Conservation Stage Declaration

- ▶ The use of water from a fire hydrant without the expressed written permission from the District is prohibited.
- ▶ The use of water in new conveyer car washes and new commercial laundry systems that do not use a recirculation system shall be prohibited.

State Water Resources Control Board Regulations

- ▶ Irrigating turf or ornamental landscapes during and 48 hours following measurable precipitation.
 - Recommendation: District staff recommends that measurable rainfall be defined as 1/8 of an inch measured at the Sacramento Regional Airport.
- ▶ Hotel and motel operators provide guests with the option of choosing not to have towels and linens laundered daily and prominently display notice of the option.

Governor's Executive Order

- ▶ The Water Board shall prohibit irrigation with potable water of ornamental turf on street medians.
- ▶ The Water Board shall prohibit irrigation with potable water outside of newly constructed homes and buildings that is not delivered by drip or micro-spray systems.

2015 Water Conservation Stage Declaration

- ▶ Customers found in violation of any of the above watering restrictions will be subject to:
 - Notice of Violation
 - Staff is recommending suspending the Notice of Violation and moving straight to the Warning Notice of Violation.
 - Warning Notice of Violation.
 - First Violation - Certified Letter of Warning
 - Second Violation - Financial Assessment (\$50)
 - Third Violation - Financial Assessment (\$100)
 - Fourth Violation - Possible disconnection of service

2015 Supplemental Customer Communication Funding for Stage 3 – Water Crisis

Program	Cost
Additional Public Outreach Activities (non CWEAP related)	\$120,000
2 Additional WCRs	35,000
Handouts, Materials & Supplies	<u>50,000</u>
Stage 3 Water Crisis and Outreach Total	<u>\$205,000</u>