CALIFORNIA LEGISLATURE-2009-10 REGULAR SESSION

PREPRINT ASSEMBLY BILL No. 2

Proposed by Assembly Members Feuer and Huffman

August 4, 2009



An act to amend and repeal Section 10631.5 of, to add Part 2.55 (commencing with Section 10608) to, and to repeal and add Part 2.8 (commencing with Section 10800) of, Division 6 of the Water Code, relating to water.

LEGISLATIVE COUNSEL'S DIGEST

Preprint AB 2, as proposed, Feuer. Water conservation: urban and agricultural water management planning.

(1) Existing law requires the Department of Water Resources to convene an independent technical panel to provide information to the department and the Legislature on new demand management measures, technologies, and approaches. "Demand management measures" means those water conservation measures, programs, and incentives that prevent the waste of water and promote the reasonable and efficient use and reuse of available supplies.

This bill would require the state to achieve a 20% reduction in urban per capita water use in California by December 31, 2020. The state would be required to make incremental progress towards this goal by reducing per capita water use by at least 10% on or before December 31, 2015. The bill would require each urban retail water supplier to develop urban water use targets and an interim urban water use target by December 31, 2010, in accordance with specified requirements. The bill would require agricultural water suppliers to implement efficient water management practices and would impose related reporting requirements on agricultural water suppliers. The bill would require the

department, in consultation with other state agencies, to develop a single standardized water use reporting form. The bill, with certain exceptions, would condition eligibility for certain water management grants or loans to urban water suppliers, beginning July 1, 2016, and agricultural water suppliers, beginning July 1, 2013, on the implementation of water conservation requirements established by the bill. The bill would repeal on July 1, 2016, an existing requirement that conditions eligibility for certain water management grants or loans to an urban water supplier on the implementation of certain water demand management measures.

(2) Existing law, until January 1, 1993, and thereafter only as specified, requires certain agricultural water suppliers to prepare and adopt water management plans.

This bill would substantially revise existing law relating to agricultural water management planning to require agricultural water suppliers to prepare and adopt agricultural water management plans with specified components on or before December 31, 2012, and update those plans on or before December 31, 2015, and on or before December 31 every 5 years thereafter. An agricultural water supplier that becomes an agricultural water supplier after December 31, 2012, would be required to prepare and adopt an agricultural water management plan within one year after becoming an agricultural water supplier. The agricultural water supplier would be required to notify each city or county within which the supplier provides water supplies with regard to the preparation or review of the plan. The bill would require the agricultural water supplier to submit copies of the plan to the department and other specified entities. The bill would provide that an agricultural water supplier is ineligible to receive specified state funds if the supplier does not prepare, adopt, and submit the plan in accordance with the requirements established by the bill.

(3) The provisions of the bill would only become operative if ______ of the 2009–10 Regular Session of the Legislature are enacted and become effective on or before January 1, 2010.

Vote: majority. Appropriation: no. Fiscal committee: yes. State-mandated local program: no.

The people of the State of California do enact as follows:

1 SECTION 1. Part 2.55 (commencing with Section 10608) is

2 added to Division 6 of the Water Code, to read:

PART 2.55. SUSTAINABLE WATER USE AND DEMAND REDUCTION REDUCTION

Chapter 1. General Declaration and Policy

6 10608. The Legislature finds and declares all of the following:
7 (a) Water is a public resource that the California Constitution
8 protects against waste and unreasonable use.

9 (b) Growing population, climate change, and the need to protect

10 and grow California's economy while protecting and restoring our

11 fish and wildlife habitats make it essential that the state manage

12 its water resources as efficiently as possible.

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13 (c) Diverse regional water supply portfolios will increase water14 supply reliability and reduce dependence on the Delta.

15 (d) Reduced water use through conservation provides significant 16 energy and environmental benefits, and can help protect water 17 quality, improve streamflows, and reduce greenhouse gas 18 emissions.

(e) The success of state and local water conservation programs
to increase efficiency of water use is best determined on the basis
of measurable outcomes related to water use or efficiency.

(f) Improvements in technology and management practices offer
 the potential for increasing water efficiency in California over
 time, providing an essential water management tool to meet the
 need for water for urban, agricultural, and environmental uses.

(g) The Governor has called for a 20 percent per capita reduction
 in urban water use statewide by 2020.

(h) The factors used to formulate water use efficiency targets
can vary significantly from location to location based on factors
including weather, patterns of urban and suburban development,
and past efforts to enhance water use efficiency.

32 (i) Per capita water use is a valid measure of a water provider's 33 efforts to reduce urban water use within its service area. However, 34 per capita water use may be less useful for measuring relative 35 water use efficiency between different water providers. Differences 36 in weather, historical patterns of urban and suburban development, 37 and density of housing in a particular location need to be 38 considered when assessing per capita water use as a measure of 39 efficiency.

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10608.4. It is the intent of the Legislature, by the enactment of this part, to do all of the following: (a) Require all water suppliers to increase the efficiency of use of this essential resource. (b) Establish a framework to meet the state targets for urban water conservation identified in this part and called for by the Governor. (c) Measure increased efficiency of urban water use on a per capita basis. (d) Establish a method or methods for urban retail water suppliers to determine targets for achieving increased water use efficiency by the year 2020, in accordance with the Governor's goal of a 20-percent reduction. (e) Establish consistent water use efficiency planning and implementation standards for urban water suppliers and agricultural water suppliers. (f) Promote urban water conservation standards that are consistent with the California Urban Water Conservation Council's adopted best management practices and the requirements for demand management in Section 10631. (g) Establish standards that recognize and provide credit to water suppliers that made substantial capital investments in urban water conservation since the drought of the early 1990s. (h) Recognize and account for the investment of urban retail water suppliers in providing recycled water for beneficial uses. (i) Require implementation of specified best management practices for agricultural water suppliers. (i) Support the economic productivity of California's agricultural, commercial, and industrial sectors. (k) Advance regional water resources management. 10608.8. (a) This part shall not limit or otherwise affect the application of Section 1011. (b) This part does not limit or otherwise affect the application of Chapter 3.5 (commencing with Section 11340), Chapter 4 (commencing with Section 11370), Chapter 4.5 (commencing with Section 11400), and Chapter 5 (commencing with Section 11500) of Part 1 of Division 3 of Title 2 of the Government Code. (c) This part does not require a reduction in the total water used in the agricultural or urban sectors, because other factors such as changes in agricultural economics or population growth may have 99

greater effects on water use. This part does not limit the economic
 productivity of California's agricultural, commercial, or industrial
 sectors.

CHAPTER 2. DEFINITIONS

7 10608.12. Unless the context otherwise requires, the following8 definitions govern the construction of this part:

9 (a) "Agricultural water supplier" means a water supplier, either 10 publicly or privately owned, providing water to 10,000 or more 11 irrigated acres, excluding recycled water. "Agricultural water 12 supplier" includes a supplier or contractor for water, regardless of 13 the basis of right, which distributes or sells water for ultimate resale 14 to customers.

15 (b) "Base daily per capita water use" means:

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16 (1) The urban retail water supplier's estimate of its average 17 gross daily water use per capita, reported in gallons per capita per 18 day and calculated over a continuous 10-year period ending in 19 2004 or later.

20 (2) For an urban retail water supplier that meets at least 10 21 percent of its 2008 metered retail water demand through recycled 22 water that is delivered within the service area of an urban retail 23 water supplier or its urban wholesale water supplier, the urban 24 retail water supplier may extend the calculation described in 25 paragraph (1) up to an additional five years to a maximum of a 26 continuous 15-year period ending in 2004 or later.

(3) For the purposes of paragraph (3) of subdivision (b) of
Section 10608.20 and Section 10608.22, the urban retail water
supplier's estimate of its average gross daily water use per capita,
reported in gallons per capita per day and calculated over a
continuous five-year period ending in 2007 or later.

(c) "Baseline commercial, industrial, and institutional water
use" means an urban retail water supplier's base daily per capita
water use for commercial, industrial, and institutional users.

35 (d) "Commercial water user" means a water user that provides36 or distributes a product or service.

(e) "Compliance daily per capita water use" means the grossdaily water use per capita during the final year of the reporting

39 period, reported in gallons per capita per day.

1 (f) "Disadvantaged community" means a community with an 2 annual median household income that is less than 80 percent of

3 the statewide annual median household income.

4 (g) "Gross water use" means the total volume of water, whether 5 treated or untreated, entering the distribution system of an urban 6 retail water supplier, excluding all of the following:

7 (1) Recycled water, as defined in subdivision (*l*), that is delivered

8 within the service area of an urban retail water supplier or its urban9 wholesale water supplier.

10 (2) The net volume of water that the urban retail water supplier 11 places into long-term storage.

- (3) The volume of water the urban retail water supplier conveysfor use by another urban water supplier.
- 14 (4) The volume of water delivered for agricultural use.

15 (h) "Industrial water user" means a water user that is primarily 16 a manufacturer or processor of materials as defined by the Standard

Industrial Classifications Code numbers 2000 to 3999, inclusive.

(i) "Institutional water user" means a water user dedicated topublic service. This includes higher education institutions, schools,

20 courts, churches, hospitals, and government facilities.

21 (j) "Interim urban water use target" means:

(1) Except as provided in paragraph (2), the midpoint between
the urban retail water supplier's base daily per capita water use
and the urban retail water supplier's urban water use target for
2020.

26 (2) For the purposes of paragraph (2) of subdivision (b) of27 Section 10608.20, the sum of the following:

(A) For indoor residential and landscape uses, the midpoint asdescribed in paragraph (1).

30 (B) For commercial, industrial, and institutional uses, a 31 10-percent reduction from the baseline commercial, industrial, and 32 institutional water use.

33 (k) "Locally cost effective" means that the present value of the 34 local benefits of implementing an agricultural best management

practice is greater than or equal to the present value of the local
 cost of implementing that measure.

37 (*l*) "Recycled water" means recycled water, as defined in
38 subdivision (n) of Section 13050, that is used to offset potable
39 demand, including recycled water supplies for indirect potable
40 reuse, that meet the following requirements:

1 (1) For groundwater recharge, water supplies that are all of the 2 following:

- 3 (A) Metered.
- 4 (B) Developed through planned investment.
- 5 (C) Treated to a minimum tertiary level.
- 6 (2) For spreading basins, water supplies that are all of the 7 following:
- 8 (A) Delivered within the service area of an urban retail water
- 9 supplier or its urban wholesale water supplier which helps an urban10 retail water supplier meet its urban water use target.
- 11 (B) Metered.
- 12 (C) Treated to a minimum tertiary level.
- 13 (3) For reservoir augmentation, water supplies that meet the 14 criteria of paragraph (1) and are conveyed through a distribution
- 15 system constructed specifically for recycled water.
- 16 (m) "Regional water resources management" means any of the 17 following alternative sources of water:
- 18 (1) The capture of stormwater or rainwater.
- 19 (2) The use of recycled water.
- 20 (3) The desalination of brackish groundwater or seawater.
- 21 (4) The conjunctive use of surface water and groundwater in a
- 22 manner that is consistent with the safe yield of the groundwater23 basin.
- (n) "Reporting period" means the years for which an urban retailwater supplier reports compliance with the urban water use targets.
- (o) "Urban retail water supplier" means a water supplier, either
 publicly or privately owned, that directly provides municipal water
 to more than 3,000 end users or that supplies more than 3,000
- 29 acre-feet of water annually at retail for municipal purposes.
- 30 (p) "Urban water use target" means the urban retail water31 supplier's targeted future daily per capita water use.
- (q) "Urban wholesale water supplier," either publicly or
 privately owned, means a water supplier that provides more than
 3,000 acre-feet of water annually at wholesale for municipal
 purposes.
- 36 (r) "Water conservation" means the efficient management of
 37 water resources for beneficial uses, preventing waste, or
 38 accomplishing additional benefits with the same amount of water.

CHAPTER 3. URBAN WATER SUPPLIERS

10608.16. (a) The state shall achieve a 20-percent reduction
in urban per capita water use in California on or before December
31, 2020.

6 (b) The state shall make incremental progress towards the state 7 target specified in subdivision (a) by reducing per capita water use 8 by at least 10 percent on or before December 31, 2015.

9 10608.20. (a) (1) Each urban retail water supplier shall 10 develop urban water use targets and an interim urban water use 11 target by December 31, 2010. Urban retail water suppliers may 12 elect to determine and report progress toward achieving these 13 targets on an individual or regional basis, as provided in 14 subdivision (a) of Section 10608.28, and may determine the targets 15 on a fiscal year or calendar year basis.

(2) It is the intent of the Legislature that the urban water use
targets described in subdivision (a) cumulatively result in a
20-percent reduction from the baseline daily per capita water use
by 2020.

20 (b) An urban retail water supplier shall adopt one of the 21 following methods for determining its urban water use target 22 pursuant to subdivision (a):

(1) Eighty percent of the urban retail water supplier's baselineper capita daily water use.

(2) The per capita daily water use that is estimated using thesum of the following performance standards:

(A) For indoor residential water use, 55 gallons per capita daily
water use as a provisional target. Upon completion of the
department's 2016 report to the Legislature pursuant to Section
10608.42, this target may be adjusted.

(B) For landscape irrigated through dedicated or residential
meters, water efficiency equivalent to the standards of the Model
Water Efficient Landscape Ordinance set forth in Chapter 2.7
(commencing with Section 490) of Division 2 of Title 23 of the
California Code of Regulations, as in effect the later of the year
of the landscape's installation or 1992. An urban retail water
supplier using this approach shall use satellite imagery, site visits,

38 or other best available technology to develop an accurate estimate

39 of landscaped areas.

(C) For commercial, industrial, and institutional uses, a
 10-percent reduction in water use from the baseline commercial,
 industrial, and institutional water use by 2020.

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4 (3) For urban water suppliers that were members of the 5 California Urban Water Conservation Council prior to 1994, and 6 whose base daily per capita water use is at or below the applicable 7 state hydrologic region target, as set forth in the state's draft 8 20x2020 Water Conservation Plan (dated April 30, 2009), 95 9 percent of base daily per capita water use. If the service area of an 10 urban water supplier includes more than one hydrologic region, 11 the supplier shall apportion its service area to each region based 12 on population or area. An urban retail water supplier may adopt 13 the criteria in this paragraph for determining its urban water use 14 target only if its base daily per capita water use is at or below the 15 hydrologic region target for each region within its service area.

16 (c) An urban retail water supplier shall include in its urban water 17 management plan required pursuant to Part 2.6 (commencing with 18 Section 10610) due in 2010 the baseline daily per capita water use, 19 urban water use target, interim urban water use target, and 20 compliance daily per capita water use, along with the bases for 21 determining those estimates, including references to supporting 22 data.

(d) When calculating per capita values for the purposes of this
 chapter, an urban retail water supplier shall determine population
 using federal, state, and local population reports and projections.

(e) An urban retail water supplier may update its 2020 urban
water use target in its 2015 urban water management plan required
pursuant to Part 2.6 (commencing with Section 10610).

29 10608.22. Notwithstanding the method adopted by an urban

30 retail water supplier pursuant to Section 10608.20, an urban retail

31 water supplier's per capita daily water use reduction shall be no
32 less than 5 percent of base daily per capita water use as defined in

paragraph (3) of subdivision (b) of Section 10608.12.

10608.24. (a) Each urban retail water supplier shall meet its
interim urban water use target by December 31, 2015.

36 (b) Each urban retail water supplier shall meet its urban water37 use target by December 31, 2020.

38 (c) An urban retail water supplier's compliance daily per capita

39 water use shall be the measure of progress toward achievement of

40 its urban water use target.

1 (d) (1) When determining compliance daily per capita water 2 use, an urban retail water supplier may consider the following 3 factors:

4 (A) Differences in evapotranspiration and rainfall in the baseline 5 period compared to the compliance reporting period.

6 (B) Substantial changes to commercial or industrial water use 7 resulting from increased business output and economic 8 development that have occurred during the reporting period.

- 9 (C) Substantial changes to institutional water use resulting from 10 fire suppression services or other extraordinary events that have 11 occurred during the reporting period.
- 12 (2) If the urban retail water supplier elects to adjust its estimate 13 of compliance daily per capita water use due to one or more of the 14 factors described in paragraph (1), it shall provide the basis for, 15 and data supporting, the adjustment in the report required by
- 16 Section 10608.40.

17 10608.26. (a) In complying with this part, an urban retail water18 supplier shall conduct at least one public hearing to accomplish19 all of the following:

- 20 (1) Allow community input regarding the urban retail water 21 supplier's implementation plan for complying with this part.
- (2) Consider the economic impacts of the urban retail watersupplier's implementation plan for complying with this part.
- 24 (3) Adopt a method, pursuant to subdivision (b) of Section25 10608.20, for determining its urban water use target.
- (b) In complying with this part, an urban retail water suppliershall avoid placing a disproportionate burden on any customersector.
- 29 10608.28. (a) An urban retail water supplier may meet its
 30 urban water use target within its retail service area, or by any of
 31 the following:
- 32 (1) Through an urban wholesale water supplier.
- 33 (2) Through a regional agency authorized to plan and implement
 34 water conservation, including, but not limited to, an agency
 35 established under the Bay Area Water Supply and Conservation
- 36 Agency Act (Division 31 (commencing with Section 81300)).
- 37 (3) Through a regional water management group.
- 38 (4) By an integrated regional water management funding area.
- 39 (5) By hydrologic region.

1 (6) Through other appropriate geographic scales for which 2 computation methods have been developed by the department.

3 (b) An urban retail water supplier may meet its urban water use
4 target entirely through efficiency gains in its residential water use
5 sector, entirely through efficiency gains in its landscape water use
6 sector, entirely through efficiency gains in its commercial,
7 institutional, and industrial sector, or through any combination
8 among these sectors.

9 10608.32. All costs incurred pursuant to this part by a water
10 utility regulated by the Public Utilities Commission may be
11 recoverable in rates subject to review and approval by the Public
12 Utilities Commission, and may be recorded in a memorandum
13 account and reviewed for reasonableness by staff of the Public
14 Utilities Commission.

15 10608.36. Urban wholesale water suppliers shall include in 16 the urban water management plans required pursuant to Part 2.6 17 (commencing with Section 10610) an assessment of their present 18 and proposed future measures, programs, and policies to help 19 achieve the water use reductions required by this part.

10608.40. Urban water retail suppliers shall report to the
department on their progress in meeting their urban water use
targets as part of their urban water management plans submitted
pursuant to Section 10631.

10608.42. The department shall review the 2015 urban water
management plans and report to the Legislature by December 31,
2016, on progress towards achieving a 20-percent reduction in
urban water use by 2020. The report may include recommendations
on changes to water efficiency standards or urban water use targets
in order to achieve the 20-percent reduction and to reflect updated
efficiency information and technology changes.

31 10608.43. The department shall, in conjunction with the 32 California Urban Water Conservation Council, by April 1, 2010, 33 convene a task force consisting of experts to develop alternative best management practices for commercial, industrial, and 34 35 institutional users and an assessment of the potential statewide 36 reduction in water use in the commercial, industrial, and 37 institutional sectors that would result from implementation of these 38 best management practices. The task force shall submit a report 39 to the Legislature by April 1, 2012, that shall include a review of 40 multiple sectors within commercial, industrial, and institutional

users and that shall establish water use efficiency standards for 1 commercial, industrial, and institutional users among various 2 3 sectors of water use, those sectors shall be based on consideration 4 of, but not limited to, the following: 5 (a) Appropriate metrics for evaluating commercial, industrial, and institutional water use. 6 7 (b) Evaluation of water demands for manufacturing processes, 8 goods, and cooling. (c) Evaluation of public infrastructure necessary for delivery of 9 recycled water to the commercial, industrial, and institutional 10 sectors. 11 (d) Evaluation of institutional and economic barriers to increased 12 13 recycled water use within the commercial, industrial, and institutional sectors. 14 15 (e) Identification of technically feasible best management practices to achieve more efficient water use statewide in the 16 17 commercial, industrial, and institutional sectors that is consistent with the public interest and reflects past investments in water use 18 19 efficiency. 20 10608.44. State agencies shall reduce water use on facilities 21 they own or operate to support urban retail water suppliers in 22 meeting the target identified in Section 10608.16. 23 CHAPTER 4. AGRICULTURAL WATER SUPPLIERS 24 25 26 10608.48. (a) On or before July 31, 2012, an agricultural water 27 supplier shall implement efficient water management practices 28 pursuant to subdivisions (b) and (c). 29 (b) Agricultural water suppliers shall implement all of the 30 following critical efficient management practices: 31 (1) Measure the volume of water delivered to customers with 32 sufficient accuracy to comply with subdivision (a) of Section 33 531.10 and to implement volumetric pricing pursuant to paragraph 34 (4). 35 (2) Designate a water conservation coordinator who will develop 36 and implement the water management plan and prepare progress 37 reports. 38 (3) Provide for the availability of water management services 39 to water users. These services may include, but are not limited to, 40 all of the following:

1 (A) On-farm irrigation and drainage system evaluations.

2 (B) Normal year and real-time irrigation scheduling and crop3 evapotranspiration information.

4 (C) Surface water, groundwater, and drainage water quantity 5 and quality data.

6 (D) Agricultural water management educational programs and 7 materials for farmers, staff, and the public.

8 (4) Adopt a pricing structure for water customers based at least9 in part on quantity delivered.

10 (5) Evaluate the policies of agencies that provide the supplier

with water to identify the potential for institutional changes toallow more flexible water deliveries and storage.

13 (6) Evaluate and improve the efficiencies of the supplier's14 pumps.

15 (c) Agricultural water suppliers shall implement additional 16 efficient management practices, including, but not limited to,

practices to accomplish all of the following, if the measures are
locally cost effective and technically feasible:

19 (1) Facilitate alternative land use for lands with exceptionally 20 high water duties or whose irrigation contributes to significant

21 problems, including drainage.

(2) Facilitate use of available recycled water that otherwise
would not be used beneficially, meets all health and safety criteria,
and does not harm crops or soils.

(3) Facilitate the financing of capital improvements for on-farmirrigation systems.

(4) Implement an incentive pricing structure that promotes oneor more of the following goals:

29 (A) More efficient water use at the farm level.

- 30 (B) Conjunctive use of groundwater.
- 31 (C) Appropriate increase of groundwater recharge.
- 32 (D) Reduction in problem drainage.
- 33 (E) Improved management of environmental resources.

34 (F) Effective management of all water sources throughout the

35 year by adjusting seasonal pricing structures based on current36 conditions.

37 (5) Expand line or pipe distribution systems, and construct

38 regulatory reservoirs to increase distribution system flexibility and39 capacity, decrease maintenance, and reduce seepage.

- 1 (6) Increase flexibility in water ordering by, and delivery to,
- 2 water customers within operational limits.
- 3 (7) Construct and operate supplier spill and tailwater recovery4 systems.
- 5 (8) Increase planned conjunctive use of surface and groundwater
- 6 within the supplier service area.
- 7 (9) Automate canal control structures.
- 8 (10) Facilitate or promote customer pump testing and evaluation.
- 9 (d) Agricultural water suppliers shall report to the department 10 on which efficient water management practices have been 11 implemented and are planned to be implemented, an estimate of 12 the water savings that have occurred since the last report, and an 13 estimate of the water savings estimated to occur five and 10 years 14 in the future. If an agricultural water supplier determines that a 15 efficient water management practice is not locally cost effective
- 16 or technically feasible, the supplier shall submit information
- 17 documenting that determination.
- 18 (e) The reports shall be submitted to the department on or before
- 19 December 31, 2012, and thereafter in years ending in zero and 20 years ending in five.
- (f) Agricultural water supplier reporting requirements may be
 met through the submission to the department of an agricultural
 water management plan required pursuant to Section 10820, or
- 24 developed for the United States Bureau of Reclamation that is25 consistent with this part.
- (g) The reports shall be submitted using a standardized formdeveloped pursuant to Section 10608.52.
- 28 (h) On or before December 31, 2013, December 31, 2016, and
- 29 December 31, 2021, the department, in consultation with the state
- board, shall submit to the Legislature a report on the agriculturalefficient water management practices that have been implemented
- 32 and are planned to be implemented and an assessment of the
- 32 manner in which the implementation of those efficient water
- 34 management practices has affected and will affect agricultural 35 operations, including estimated water savings, if any.
- 36 (i) The department may update the best management practices
- 37 required pursuant to subdivisions (b) and (c), in consultation with
- 38 the Agricultural Water Management Council, the United States
- 39 Bureau of Reclamation, and the state board. All best management
- 40 practices for agricultural water use pursuant to this chapter shall
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be adopted or revised by the department only after the department
 conducts public hearings to allow participation of the diverse
 geographical areas and interests of the state.
 CHAPTER 5. SUSTAINABLE WATER MANAGEMENT
 10608.50. (a) It is the intent of the Legislature by enactment

8 of this part to promote implementation of regional water resource
9 management practices through increased incentives and removal
10 of barriers. Potential changes may include, but are not limited to,
11 all of the following:

- 12 (1) Revisions to the requirements for urban and agricultural 13 water management plans.
- 14 (2) Revisions to the requirements for integrated regional water15 management plans.

16 (3) Revisions to the eligibility for state water management grants17 and loans.

18 (4) Revisions to state or local permitting requirements.

(5) Increased funding for research, feasibility studies, and projectconstruction.

21 (6) Expanding technical and educational support for local land22 use and water management agencies.

(b) No later than January 1, 2011, and updated as part of the 23 24 California Water Plan pursuant to Section _____, the department, 25 in consultation with the board, and with public input, shall develop 26 new statewide targets, or review and update existing statewide 27 targets, for regional water resources management practices 28 including, but not limited to, recycled water, brackish and seawater 29 desalination, and infiltration and direct use of urban stormwater 30 runoff.

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Chapter 5.5. Standardized Data Collection

10608.52. (a) The department, in consultation with the board, the California Bay-Delta Authority, the State Department of Public Health, and the Public Utilities Commission, shall develop a single standardized water use reporting form to meet the water use information needs of each agency, including the needs of urban water suppliers that elect to determine and report progress toward

39 water suppliers that elect to determine and report progress toward

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1	achieving targets on a regional basis as provided in subdivision
	(a) of Section 10608.28.
2 3	(b) At a minimum, the form shall be developed to accommodate
4	information sufficient to assess an urban water supplier's
5	compliance with conservation targets pursuant to Section 10608.24
6	and an agricultural water supplier's compliance with
7	implementation of best management practices pursuant to
8	subdivision (a) of Section 10608.48. The form shall accommodate
9	reporting by water suppliers on an individual or regional basis as
10	provided in subdivision (a) of Section 10608.28.
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12	Chapter 6. Funding Provisions
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14	10608.56. (a) Beginning July 1, 2016, the terms of, and
15	eligibility for, a water management grant or loan made to urban
16	retail water suppliers and awarded or administered by the
17	department, board, or California Bay-Delta Authority or its
18	successor agency shall be conditioned on the implementation of
19	Chapter 3 (commencing with Section 10608.16).
20	(b) Beginning July 1, 2013, the terms of, and eligibility for, a
21 22	water management grant or loan made to agricultural water
22	suppliers and awarded or administered by the department, board, or California Bay-Delta Authority or its successor agency shall be
23 24	conditioned on the implementation of Chapter 4 (commencing
2 4 25	with Section 10608.48).
26	(c) Notwithstanding subdivision (a), the department shall
20 27	determine that an urban retail water supplier is eligible for a water
28	management grant or loan even though the supplier has not met
29	the per capita reductions required pursuant to Section 10608.24,
30	if the urban retail water supplier has submitted to the department
31	for approval a schedule, financing plan, and budget, to be included
32	in the grant or loan agreement, for achieving the per capita
33	reductions. The supplier may request grant or loan funds to achieve
34	the per capita reductions to the extent the request is consistent with
35	the eligibility requirements applicable to the water management
36	funds.
37	(d) Notwithstanding subdivision (b), the department shall
38	determine that an agricultural water supplier is eligible for a water
39	management grant or loan even though the supplier is not
40	implementing all of the best management practices described in

1 Section 10608.48, if the agricultural water supplier has submitted 2 to the department for approval a schedule, financing plan, and 3 budget, to be included in the grant or loan agreement, for 4 implementation of the best management practices. The supplier 5 may request grant or loan funds to implement the best management 6 practices to the extent the request is consistent with the eligibility 7 requirements applicable to the water management funds. 8 (e) Notwithstanding subdivision (a), the department shall 9 determine that an urban retail water supplier is eligible for a water 10 management grant or loan even though the supplier has not met 11 the per capita reductions required pursuant to Section 10608.24, 12 if the urban retail water supplier has submitted to the department 13 for approval documentation demonstrating that their entire service 14 area qualifies as a disadvantaged community. 15 10608.60. (a) It is the intent of the Legislature that funds made available by Section 75026 of the Public Resources Code should 16 17 be expended, consistent with Division 43 (commencing with 18 Section 75001) of the Public Resources Code and upon 19 appropriation by the Legislature, for grants to implement this part. 20 In the allocation of funding, it is the intent of the Legislature that 21 the department give consideration to disadvantaged communities 22 to assist in implementing the requirements of this part. 23 (b) It is the intent of the Legislature that funds made available 24 by Section 75041 of the Public Resources Code should be expended 25 consistent with Division 43 (commencing with Section 75001) of 26 the Public Resources Code and, upon appropriation by the 27 Legislature, for direct expenditures to implement this part. 28 CHAPTER 7. QUANTIFYING AGRICULTURAL WATER USE 29 30 Efficiency 31

32 10608.64. The department, in consultation with the Agricultural 33 Water Management Council, academic experts, and other 34 stakeholders, shall develop a methodology for quantifying the 35 efficiency of agricultural water use. Alternatives to be assessed 36 shall include, but not be limited to, determination of efficiency 37 levels based on crop type or irrigation system distribution 38 uniformity. On or before December 31, 2011, the department shall 39 report to the Legislature on a proposed methodology and a plan 40 for implementation. The plan shall include the estimated

implementation costs and the types of data needed to support the
 methodology.

3 SEC. 2. Section 10631.5 of the Water Code is amended to read:

10631.5. (a) (1) Beginning January 1, 2009, the terms of, and
eligibility for, a water management grant or loan made to an urban
water supplier and awarded or administered by the department,
state board, or California Bay-Delta Authority or its successor

8 agency shall be conditioned on the implementation of the water9 demand management measures described in Section 10631, as

10 determined by the department pursuant to subdivision (b).

11 (2) For the purposes of this section, water management grants 12 and loans include funding for programs and projects for surface 13 water or groundwater storage, recycling, desalination, water 14 conservation, water supply reliability, and water supply 15 augmentation. This section does not apply to water management 16 projects funded by the *federal* American Recovery and 17 Reinvestment Act of 2009 (Public Law 111-5).

18 (3) Notwithstanding paragraph (1), the department shall 19 determine that an urban water supplier is eligible for a water management grant or loan even though the supplier is not 20 21 implementing all of the water demand management measures 22 described in Section 10631, if the urban water supplier has 23 submitted to the department for approval a schedule, financing 24 plan, and budget, to be included in the grant or loan agreement, 25 for implementation of the water demand management measures. 26 The supplier may request grant or loan funds to implement the 27 water demand management measures to the extent the request is 28 consistent with the eligibility requirements applicable to the water 29 management funds.

30 (4) (A) Notwithstanding paragraph (1), the department shall 31 determine that an urban water supplier is eligible for a water 32 management grant or loan even though the supplier is not implementing all of the water demand management measures 33 34 described in Section 10631, if an urban water supplier submits to 35 the department for approval documentation demonstrating that a 36 water demand management measure is not locally cost effective. 37 If the department determines that the documentation submitted by 38 the urban water supplier fails to demonstrate that a water demand 39 management measure is not locally cost effective, the department 40 shall notify the urban water supplier and the agency administering

1 the grant or loan program within 120 days that the documentation

2 does not satisfy the requirements for an exemption, and include 3 in that notification a detailed statement to support the

4 determination.

5 (B) For purposes of this paragraph, "not locally cost effective"

6 means that the present value of the local benefits of implementing

7 a water demand management measure is less than the present value

8 of the local costs of implementing that measure.

9 (b) (1) The department, in consultation with the state board and

10 the California Bay-Delta Authority or its successor agency, and

after soliciting public comment regarding eligibility requirements, 11

12 shall develop eligibility requirements to implement the requirement 13

of paragraph (1) of subdivision (a). In establishing these eligibility 14 requirements, the department shall do both of the following:

15 (A) Consider the conservation measures described in the Memorandum of Understanding Regarding Urban Water 16 17 Conservation in California, and alternative conservation approaches 18

that provide equal or greater water savings.

19 (B) Recognize the different legal, technical, fiscal, and practical 20 roles and responsibilities of wholesale water suppliers and retail 21 water suppliers.

22 (2) (A) For the purposes of this section, the department shall 23 determine whether an urban water supplier is implementing all of 24 the water demand management measures described in Section

25 10631 based on either, or a combination, of the following:

26 (i) Compliance on an individual basis.

27 (ii) Compliance on a regional basis. Regional compliance shall 28 require participation in a regional conservation program consisting 29 of two or more urban water suppliers that achieves the level of 30 conservation or water efficiency savings equivalent to the amount 31 of conservation or savings achieved if each of the participating 32 urban water suppliers implemented the water demand management 33 measures. The urban water supplier administering the regional 34 program shall provide participating urban water suppliers and the 35 department with data to demonstrate that the regional program is 36 consistent with this clause. The department shall review the data 37 to determine whether the urban water suppliers in the regional 38 program are meeting the eligibility requirements.

39 (B) The department may require additional information for any 40 determination pursuant to this section.

1 (3) The department shall not deny eligibility to an urban water 2 supplier in compliance with the requirements of this section that 3 is participating in a multiagency water project, or an integrated 4 regional water management plan, developed pursuant to Section 5 75026 of the Public Resources Code, solely on the basis that one 6 or more of the agencies participating in the project or plan is not 7 implementing all of the water demand management measures 8 described in Section 10631.

9 (c) In establishing guidelines pursuant to the specific funding 10 authorization for any water management grant or loan program 11 subject to this section, the agency administering the grant or loan 12 program shall include in the guidelines the eligibility requirements 13 developed by the department pursuant to subdivision (b).

(d) Upon receipt of a water management grant or loan
application by an agency administering a grant and loan program
subject to this section, the agency shall request an eligibility
determination from the department with respect to the requirements
of this section. The department shall respond to the request within
60 days of the request.

20 (e) The urban water supplier may submit to the department 21 copies of its annual reports and other relevant documents to assist 22 the department in determining whether the urban water supplier 23 is implementing or scheduling the implementation of water demand management activities. In addition, for urban water suppliers that 24 25 are signatories to the Memorandum of Understanding Regarding 26 Urban Water Conservation in California and submit biennial reports 27 to the California Urban Water Conservation Council in accordance 28 with the memorandum, the department may use these reports to 29 assist in tracking the implementation of water demand management 30 measures. 31 (f) This section shall remain in effect only until July 1, 2016, 32 and as of that date is repealed, unless a later enacted statute, that 33 is enacted before July 1, 2016, deletes or extends that date.

- 34 SEC. 3. Part 2.8 (commencing with Section 10800) of Division35 6 of the Water Code is repealed.
- 36 SEC. 4. Part 2.8 (commencing with Section 10800) is added
- 37 to Division 6 of the Water Code, to read:

1	PART 2.8. AGRICULTURAL WATER MANAGEMENT
2	PLANNING
3	
4	Chapter 1. General Declarations and Policy
5	
6	10800. This part shall be known and may be cited as the
7	Agricultural Water Management Planning Act.
8	10801. The Legislature finds and declares all of the following:
9	(a) The waters of the state are a limited and renewable resource.
10	(b) The California Constitution requires that water in the state
11	be used in a reasonable and beneficial manner.
12	(c) Urban water districts are required to adopt water management
13	plans.
14	(d) The conservation of agricultural water supplies is of great
15	statewide concern.
16	(e) There is a great amount of reuse of delivered water, both
17	inside and outside the water service areas.
18	(f) Significant noncrop beneficial uses are associated with
19	agricultural water use, including streamflows and wildlife habitat.
20	(g) Significant opportunities exist in some areas, through
21	improved irrigation water management, to conserve water or to
22	reduce the quantity of highly saline or toxic drainage water.
23	(h) Changes in water management practices should be carefully
24	planned and implemented to minimize adverse effects on other
25	beneficial uses currently being served.
26	(i) Agricultural water suppliers that receive water from the
27	Central Valley Project are required by federal law to prepare and
28	implement water conservation plans.
29	(j) Agricultural water users applying for a permit to appropriate
30	water from the board are required to prepare and implement water
31	conservation plans.
32	10802. The Legislature finds and declares that all of the
33	following are the policies of the state:
34	(a) The conservation of water shall be pursued actively to protect
35	both the people of the state and the state's water resources.
36	(b) The conservation of agricultural water supplies shall be an
37	important criterion in public decisions with regard to water.
38	(c) Agricultural water suppliers shall be required to prepare
39	water management plans to achieve conservation of water.

-	
1	Chapter 2. Definitions
2 3	10910 Unloss the context otherwise requires the definitions
3 4	10810. Unless the context otherwise requires, the definitions
	set forth in this chapter govern the construction of this part.
5	10811. "Agricultural water management plan" or "plan" means
6	an agricultural water management plan prepared pursuant to this
7 8	part.
0 9	10812. "Agricultural water supplier" has the same meaning as defined in Section 10608.12.
9 10	10813. "Customer" means a purchaser of water from a water
10	1
11	supplier who uses water for agricultural purposes. 10814. "Person" means any individual, firm, association,
12	organization, partnership, business, trust, corporation, company,
13	public agency, or any agency of that entity.
14	10815. "Public agency" means any city, county, city and
16	county, special district, or other public entity.
17	10816. "Urban water supplier" has the same meaning as set
18	forth in Section 10617.
19	10817. "Water conservation" means the efficient management
20	of water resources for beneficial uses, preventing waste, or
20	accomplishing additional benefits with the same amount of water.
22	accompnishing additional cononies what the same amount of water
23	Chapter 3. Agricultural Water Management Plans
24	
25	Article 1. General Provisions
26	
27	10820. (a) An agricultural water supplier shall prepare and
28	adopt an agricultural water management plan in the manner set
29	forth in this chapter on or before December 31, 2012, and shall
30	update that plan on December 31, 2015, and on or before December
31	31 every five years thereafter.
32	(b) Every supplier that becomes an agricultural water supplier
33	after December 31, 2012, shall prepare and adopt an agricultural
34	water management plan within one year after the date it has become
35	an agricultural water supplier.
36	(c) A water supplier that indirectly provides water to customers
37	for agricultural purposes shall not prepare a plan pursuant to this
38	part without the consent of each agricultural water supplier that
39	directly provides that water to its customers.

1 10821. (a) An agricultural water supplier required to prepare 2 a plan pursuant to this part shall notify each city or county within 3 which the supplier provides water supplies that the agricultural 4 water supplier will be preparing the plan or reviewing the plan and 5 considering amendments or changes to the plan. The agricultural 6 water supplier may consult with, and obtain comments from, each 7 city or county that receives notice pursuant to this subdivision. 8 (b) The amendments to, or changes in, the plan shall be adopted

8 (b) The amendments to, or changes in, the plan shall be adopted 9 and submitted in the manner set forth in Article 3 (commencing 10 with Section 10840).

11

12 13

Article 2. Contents of Plans

14 10825. (a) It is the intent of the Legislature in enacting this
part to allow levels of water management planning commensurate
with the numbers of customers served and the volume of water
supplied.

- 18 (b) This part does not require the implementation of water 19 conservation programs or practices that are not locally cost 20 effective.
- 21 10826. An agricultural water management plan shall be adopted
 22 in accordance with this chapter. The plan shall do all of the
 23 following:
- (a) Describe the agricultural water supplier and the service area,including all of the following:
- 26 (1) Size of the service area.
- (2) Location of the service area and its water managementfacilities.
- 29 (3) Terrain and soils.
- 30 (4) Climate.
- 31 (5) Operating rules and regulations.
- 32 (6) Water delivery measurements or calculations.
- 33 (7) Water rate schedules and billing.
- 34 (8) Water shortage allocation policies.
- 35 (b) Describe the quantity and quality of water resources of the
- 36 agricultural water supplier, including all of the following:
- 37 (1) Surface water supply.
- 38 (2) Groundwater supply.
- 39 (3) Other water supplies.
- 40 (4) Source water quality monitoring practices.
- 99

- 1 (5) Water uses within the agricultural water supplier's service
- 2 area, including all of the following:
- 3 (A) Agricultural.
- 4 (B) Environmental.
- 5 (C) Recreational.
- 6 (D) Municipal and industrial.
- 7 (E) Groundwater recharge.
- 8 (F) Transfers and exchanges.
- 9 (G) Other water uses.
- 10 (6) Drainage from the water supplier's service area.
- 11 (7) Water accounting, including all of the following:
- 12 (A) Quantifying the water supplier's water supplies.
- 13 (B) Tabulating water uses.
- 14 (C) Overall water budget.
- 15 (8) Water supply reliability.
- 16 (c) Include an analysis, based on available information, of the
- 17 effect of climate change on future water supplies.
- 18 (d) Describe previous water management activities.
- 19 (e) Include in the plan the water use efficiency information
- 20 required pursuant to Section 10608.48.
- 10827. Agricultural water suppliers that are members of the 21 22 Agricultural Water Management Council, and that submit water management plans to that council in accordance with the 23 "Memorandum of Understanding Regarding Efficient Water 24 25 Management Practices By Agricultural Water Suppliers In California," dated January 1, 1999, may submit the water 26 management plans identifying water demand management 27 measures currently being implemented, or scheduled for 28 29 implementation, to satisfy the requirements of Section 10826.
- 10828. (a) Agricultural water suppliers that are required to
 submit water conservation plans to the United States Bureau of
 Reclamation pursuant to either the Central Valley Project
 Improvement Act (Public Law 102-575) or the Reclamation
 Reform Act of 1982, or both, may submit those water conservation
- 35 plans to satisfy the requirements of Section 10826, if both of the
- 36 following apply:
- 37 (1) The agricultural water supplier has adopted and submitted
- 38 the water conservation plan to the United States Bureau of 39 Reclamation within the previous four years.
 - 99

1 (2) The United States Bureau of Reclamation has accepted the 2 water conservation plan as adequate. 3 (b) This part does not require agricultural water suppliers that 4 are required to submit water conservation plans to the United States 5 Bureau of Reclamation pursuant to either the Central Valley Project Improvement Act (Public Law 102-575) or the Reclamation 6 7 Reform Act of 1982, or both, to prepare and adopt water 8 conservation plans according to a schedule that is different from 9 that required by the United States Bureau of Reclamation. 10 10829. An agricultural water supplier may satisfy the requirements of this part by adopting an urban water management 11 12 plan pursuant to Part 2.6 (commencing with Section 10610) or by 13 participation in areawide, regional, watershed, or basinwide water 14 management planning if those plans meet or exceed the 15 requirements of this part. 16 17 Article 3. Adoption and Implementation of Plans 18 19 10840. Every agricultural water supplier shall prepare its plan 20 pursuant to Article 2 (commencing with Section 10825). 21 10841. Prior to adopting a plan, the agricultural water supplier 22 shall make the proposed plan available for public inspection, and 23 shall hold a public hearing on the plan. Prior to the hearing, notice of the time and place of hearing shall be published within the 24 25 jurisdiction of the publicly owned agricultural water supplier 26 pursuant to Section 6066 of the Government Code. A privately 27 owned agricultural water supplier shall provide an equivalent notice 28 within its service area. After the hearing, the plan shall be adopted 29 as prepared or as modified during or after the hearing. 30 10842. An agricultural water supplier shall implement the plan 31 adopted pursuant to this chapter in accordance with the schedule 32 set forth in its plan, as determined by the governing body of the 33 agricultural water supplier. 34 10843. (a) An agricultural water supplier shall submit to the 35 entities identified in subdivision (b) a copy of its plan no later than

36 30 days after the adoption of the plan. Copies of amendments or 37 changes to the plans shall be submitted to the entities identified in 38 subdivision (b) within 30 days after the adoption of the 39 amendments or changes.

1 (b) An agricultural water supplier shall submit a copy of its plan 2 and amendments or changes to the plan to each of the following 3 entities:

4 (1) The department.

5 (2) Any city, county, or city and county within which the 6 agricultural water supplier provides water supplies.

7 (3) Any groundwater management entity within which 8 jurisdiction the agricultural water supplier extracts or provides 9 water supplies.

10 (4) Any urban water supplier within which jurisdiction the 11 agricultural water supplier provides water supplies.

12 (5) Any city or county library within which jurisdiction the 13 agricultural water supplier provides water supplies.

14 (6) The California State Library.

(7) Any local agency formation commission serving a countywithin which the agricultural water supplier provides watersupplies.

18 10844. (a) Not later than 30 days after the date of adopting its
19 plan, the agricultural water supplier shall make the plan available
20 for public review on the agricultural water supplier's Internet Web
21 site.

(b) An agricultural water supplier that does not have an Internet
Web site shall submit to the department, not later than 30 days
after the date of adopting its plan, a copy of the adopted plan in
an electronic format. The department shall make the plan available
for public review on the department's Internet Web site.

10845. (a) The department shall prepare and submit to the
Legislature, on or before December 31, 2013, and thereafter in the
years ending in six and years ending in one, a report summarizing
the status of the plans adopted pursuant to this part.

31 (b) The report prepared by the department shall identify the 32 outstanding elements of any plan adopted pursuant to this part.

33 The report shall include an evaluation of the effectiveness of this

34 part in promoting efficient agricultural water management practices

35 and recommendations relating to proposed changes to this part, as

36 appropriate.

37 (c) The department shall provide a copy of the report to each

38 agricultural water supplier that has submitted its plan to the

39 department. The department shall also prepare reports and provide

1 data for any legislative hearing designed to consider the 2 effectiveness of plans submitted pursuant to this part.

3 (d) This section does not authorize the department, in preparing
4 the report, to approve, disapprove, or critique individual plans
5 submitted pursuant to this part.

6 7

8

Chapter 4. Miscellaneous Provisions

9 10850. (a) Any action or proceeding to attack, review, set 10 aside, void, or annul the acts or decisions of an agricultural water supplier on the grounds of noncompliance with this part shall be 11 12 brought pursuant to Section 1085 of the Code of Civil Procedure, 13 and the court's review of compliance or noncompliance with this 14 part shall extend to whether the plan, or portion thereof, or revision 15 thereto, substantially complies with the requirements of this part. (b) An action or proceeding alleging failure to adopt a plan shall 16 17 be commenced within 18 months after that adoption is required 18 by this part. 19 (c) Any action or proceeding alleging that a plan, or action taken

pursuant to the plan, does not comply with this part shall be commenced within 120 days after submitting the plan or amendments to the plan to entities in accordance with Section 10844 or the taking of that action.

(d) In an action or proceeding to attack, review, set aside, void,
or annul the acts or decisions of an agricultural water supplier
made pursuant to this part at a properly noticed public hearing, the
issues raised shall be limited to those raised in the public hearing,
or in written correspondence delivered to the agricultural water
supplier prior to, or at, the public hearing, except if the court finds
either of the following:

(1) The issue could not have been raised at the public hearingby a person exercising reasonable diligence.

33 (2) The body conducting the public hearing prevented the issue34 from being raised at the public hearing.

35 10851. The California Environmental Quality Act (Division 36 13 (commencing with Section 21000) of the Public Resources 37 Code) does not apply to the preparation and adoption of plans 38 pursuant to this part. This part does not exempt projects for 39 implementation of the plan or for expanded or additional water 40 supplies from the California Environmental Quality Act.

1 10852. An agricultural water supplier that does not prepare, 2 adopt, and submit its agricultural water management plan in 3 accordance with this part is ineligible to receive funds made 4 available pursuant to any program administered by the board, the department, or the California Bay-Delta Authority, or participate 5 in any drought assistance program administered by the state, until 6 the agricultural water management plan is submitted pursuant to 7 8 this part. SEC. 5. This act shall only become operative if _____ of the 9

9 SEC. 5. This act shall only become operative if _____ of the 10 2009–10 Regular Session of the Legislature are enacted and

11 become effective on or before January 1, 2010.

Ο