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California Statutes Related to Recycled Water & the State Board’s Division of Drinking Water

January 13, 2017

Important note:

Before citing any statute, the text of the statute should be confirmed by visiting California’s Legislative Information website at: <http://leginfo.legislature.ca.gov/faces/codes.xhtml>. Please report any discrepancies between this document and the content of that website to Michael.McKibben@waterboards.ca.gov.

About this update of Recycled Water-Related Statutes:

- Sections that have been revised or added since the last version of this document are typically highlighted in yellow. Revisions or additions may not necessarily be due to recent legislative actions.
- Section headings have been added to ease finding a subject. Section headings are **not** typically included in official codes. Those depicted in this document may not be a true representation of the subject of the statutory section.
- There may be statutes related to recycled water that are not included in this document.
- For information pertaining to recycled water-related **regulations**, as well as drinking water statutes and regulations, please visit: http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Lawbook.shtml

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FISH AND GAME CODE

DIVISION 0.5. GENERAL PROVISIONS AND DEFINITIONS

Chapter 1. General Definitions

§89. Recycled Water definition

For the purposes of this code, “recycled water” or “reclaimed water” has the same meaning as recycled water as defined in subdivision (n) of Section 13050 of the Water Code.

DIVISION 2. DEPARTMENT OF FISH AND WILDLIFE

Chapter 4.3. Inland Wetlands Conservation Program

Article 2. The Inland Wetlands Conservation Program

§1421. Creating wetland

When creating new wetlands, the board shall give preference to lands most suitable for this purpose due to elevations, existence of levees, proximity to existing wetlands that are protected, and potential sources of water. These potential sources of water are limited to all of the following:

- (a) Water rights which are attached to the land to be restored including groundwater associated with the property.
- (b) Water willingly made available for a wetlands conservation project through water conservation.
- (c) Recycled water.
- (d) Undeveloped water supplies of the state.
- (e) Water marketed for wetlands purposes by a willing seller.
- (f) Water otherwise made available for wetlands purposes by private, nonprofit, local, and regional entities.

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GOVERNMENT CODE

GENERAL PROVISIONS

§26. Recycled Water definition

For the purposes of this code, “recycled water” or “reclaimed water” has the same meaning as recycled water as defined in subdivision (n) of Section 13050 of the Water Code.

TITLE 2. GOVERNMENT OF THE STATE OF CALIFORNIA

DIVISION 3. EXECUTIVE DEPARTMENT

Part 1. State Departments and Agencies

Chapter 1. State Agencies

Article 1. General

§11011.29. Recycled Water at State agency properties (Effective January 1, 2016.)

(a) When a state agency builds upon state-owned real property, purchases real property, or replaces landscaping or irrigation, the state agency shall reduce water consumption and increase water efficiencies for that property, where feasible, through any or all of the following measures:

(1) Replacement of landscaping with drought-tolerant plants with an emphasis on native plant species.

(2) Replacement of irrigation timers to permit efficient watering schedules.

(3) Replacement of existing irrigation with drip irrigation, bubblers, or low precipitation spray nozzles, or a combination of these irrigation methods.

(4) Implementation of recycled water irrigation or rainwater capture irrigation or both.

(5) Installation of irrigation submeters.

(6) Use of on-site water recycling.

(b) This section shall not apply to state-owned real property that is leased to a private party for agricultural purposes.

(c) For purposes of this section, “feasible” means that the water efficiency measures may be accomplished in a cost-effective manner within a reasonable period of time, taking into account life-cycle cost analyses and technological factors, as determined by the state agency.

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TITLE 3. GOVERNMENT OF COUNTIES

DIVISION 2. OFFICERS

Part 2. Board of Supervisors

Chapter 7. Public Resources

Article 6. Reclamation of Water

§25703. Disposal of Recycled Water by a Board of Supervisors

The board of supervisors may dispose of recycled water and any byproducts of that recycling, pursuant to this article, in any one or more of the following ways:

- (a) Sale to the county and the inhabitants thereof.
- (b) Sale to any public entity or water corporation.
- (c) Replenishment of the underground water supplies anywhere within the county.
- (d) Sale to any city or, with the consent of the city legislative body expressed by ordinance, to the inhabitants thereof.

TITLE 7. PLANNING AND LAND USE

DIVISION 1. PLANNING AND ZONING

Chapter 3. Local Planning

Article 10.9. Water Recycling in Landscaping Act

§65601. Promoting Use of Recycled Water

This article shall be known and may be cited as the Water Recycling in Landscaping Act.

§65602. Legislative Declaration

The Legislature finds and declares all of the following:

- (a) The waters of the state are of limited supply and are subject to ever-increasing demands.
- (b) The continuation of California's economic prosperity is dependent on adequate supplies of water being available for future uses.
- (c) It is the policy of the state to promote the efficient use of water through the development of water recycling facilities.
- (d) Landscape design, installation, and maintenance can and should be water efficient.
- (e) The use of potable domestic water for landscaped areas is considered a waste or unreasonable use of water within the meaning of Section 2 of Article X of the California Constitution if recycled water is available that meets the conditions described in Section 13550 of the Water Code.

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§65603. Definitions

Unless the context requires otherwise, the definitions used in this section govern the construction of this article:

(a) "Designated recycled water use area" means areas within the boundaries of the local agency that can or may in the future be served with recycled water in lieu of potable water and are so designated by the local agency.

(b) "Local agency" means any city, county, or city and county.

(c) "Recycled water producer" means any local public or private entity that produces recycled water in accordance with the conditions described in Section 13550 of the Water Code.

§65604. Notification

If a recycled water producer determines that within 10 years the recycled water producer will provide recycled water within the boundaries of a local agency that meets all of the conditions described in Section 13550 of the Water Code, the recycled water producer shall notify the local agency of that fact and shall identify in the notice the area that is eligible to receive the recycled water, and the necessary infrastructure that the recycled water producer or retail water supplier will provide to support delivery of the recycled water.

§65605. Recycled Water Ordinance

(a) Within 180 days of receipt of notification from a recycled water producer pursuant to Section 65604, the local agency shall adopt and enforce a recycled water ordinance pursuant to this article.

(b) The ordinance shall include, but not be limited to, provisions that do all of the following:

(1) State that it is the policy of the local agency that recycled water determined to be available pursuant to Section 13550 of the Water Code shall be used for nonpotable uses within the designated recycled water use area set forth by the local agency when the local agency determines that there is not an alternative higher or better use for the recycled water, its use is economically justified, and its use is financially and technically feasible for projects under consideration by the local agency.

(2) Designate the areas within the boundaries of the local agency that can or may in the future use recycled water, including, but not limited to, existing urban areas in lieu of potable water.

(3) Establish general rules and regulations governing the use and distribution of recycled water in accordance with applicable laws and regulations.

(4) Establish that the use of the recycled water is determined to be available pursuant to Section 13550 of the Water Code in new industrial, commercial, or residential subdivisions located within the designated recycled water use areas for which a tentative map or parcel map is required pursuant to Section 66426. These provisions shall require a separate plumbing system to

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serve nonpotable uses in the common areas of the subdivision, including, but not limited to, golf courses, parks, greenbelts, landscaped streets, and landscaped medians. The separate plumbing system to serve nonpotable uses shall be independent of the plumbing system provided to serve domestic, residential, and other potable water uses in the subdivision.

(5) Require that recycled water service shall not commence within the designated recycled water use area in any service area of a private utility, as defined in Section 1502 of the Public Utilities Code, or to any service area of a public agency retail water supplier that is not a local agency, as defined in subdivision (b) of Section 65603, except in accordance with a written agreement between the recycled water producer and the private utility or public agency retail water supplier that shall be made available in a timely manner by the recycled water producer to the local agency adopting the ordinance pursuant to this article.

§65606. Recycled Water Ordinance Application Limits

The recycled water ordinance adopted by a local agency pursuant to Section 65605 shall not apply to either of the following:

(a) A tentative map as defined in Section 66424.5, or a development, as defined in Section 65927, that was approved by the local agency prior to the receipt of notification from a recycled water producer pursuant to Section 65604.

(b) A subdivision map application that is deemed complete pursuant to Section 65943 prior to the local agency's receipt of a notice from a recycled water producer pursuant to Section 65604.

§65607. Article Limits

(a) This article shall not apply to any local agency that adopted a recycled water ordinance or other regulation requiring the use of recycled water in its jurisdiction prior to January 1, 2001.

(b) This article does not alter any rights, remedies, or obligations that may exist pursuant to Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code.

(c) This article does not alter any rights, remedies, or obligations that may exist pursuant to Chapter 8.5 (commencing with Section 1501) of Part 1 of Division 1 of the Public Utilities Code.

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HEALTH AND SAFETY CODE

GENERAL PROVISIONS

§28. Definition of Recycled Water

For the purposes of this code, “recycled water” or “reclaimed water” has the same meaning as recycled water as defined in subdivision (n) of Section 13050 of the Water Code.

DIVISION 5. SANITATION

Part 3. Community Facilities

Chapter 6. General Provisions with Respect to Sewers

Article 2. Sewage and Other Waste

§5410. Definitions

As used in this chapter:

(a) “Waste” includes sewage and any and all other waste substances, liquid, solid, gaseous, or radioactive, associated with human habitation, or of human or animal origin, or from any producing, manufacturing, or processing operation of whatever nature.

(b) “Person” as used in this article also includes any city, county, district, the state or any department or agency thereof.

(c) “Waters of the state” means any water, surface or underground, including saline waters, within the boundaries of the state.

(d) “Contamination” means an impairment of the quality of the waters of the state by waste to a degree which creates a hazard to the public health through poisoning or through the spread of disease. “Contamination” shall include any equivalent effect resulting from the disposal of waste, whether or not waters of the state are affected.

(e) “Pollution” means an alteration of the quality of the waters of the state by waste to a degree which unreasonably affects: (1) such waters for beneficial uses, or (2) facilities which serve such beneficial uses. “Pollution” may include “contamination.”

(f) “Nuisance” means anything which: (1) is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property, and (2) affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal, and (3) occurs during, or as a result of, the treatment or disposal of wastes.

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(g) "Regional board" means any California regional water quality control board created pursuant to Section 13201 of the Water Code.

§5411. General Discharge Prohibition

No person shall discharge sewage or other waste, or the effluent of treated sewage or other waste, in any manner which will result in contamination, pollution or a nuisance.

§5411.5. Unauthorized Discharges

(a) Any person who, without regard to intent or negligence, causes or permits any sewage or other waste, or the effluent of treated sewage or other waste, to be discharged in or on any waters of the state, or discharged in or deposited where it is, or probably will be, discharged in or on any waters of the state, shall, as soon as that person has knowledge of the discharge, immediately notify the local health officer or the director of environmental health of the discharge.

(b) A person who fails to provide the notice required by this section is guilty of a misdemeanor and shall be punished by a fine of not less than five hundred dollars (\$500) nor more than one thousand dollars (\$1,000), or imprisonment for less than one year, or both the fine and imprisonment.

(c) The notification required by this section shall not apply to a discharge authorized by law and in compliance with waste discharge requirements or other requirements established by the appropriate regional water quality control board or the State Water Resources Control Board.

(d) The notification required by this section shall not apply to an unauthorized discharge of effluent of treated sewage defined as recycled water pursuant to Section 13050 or 13529.2 of the Water Code.

§5412. State Department Duty

Whenever the state department or any local health officer finds that a contamination exists, the state department or officer shall order the contamination abated, as provided in this chapter, and, commencing July 1 of a year in which the Legislature has appropriated sufficient funds for this purpose, shall submit any report required pursuant to subdivision (d) of Section 13193 of the Water Code.

§5412.5. Consequences of Unauthorized Discharges

(a) Any person who, without regard to intent or negligence, causes or permits any sewage or other waste, or the effluent of treated sewage or other waste to be discharged in or on any waters of the state, or discharged in or deposited where it is, or probably will be, discharged in or on any waters of the state that may cause contamination of waters used for a water-contact sport, as defined in Section 24155, shall reimburse the local health officer or the director of environmental health for the necessary and actual costs incurred to mitigate the threat of contamination and to protect the health and safety of the public.

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(b) The governing body of the county shall establish the amount of payment at a level sufficient to pay the necessary and reasonable costs incurred by the local health officer or environmental health director administering this section and Section 5411.5.

(c) For the purposes of this section “mitigate” includes, but is not limited to, actions taken by the local health officer or the director of environmental health in the affected tributaries and waters used for a water-contact sport to investigate the waste discharge, to collect and analyze water samples to determine the areas of contamination, to close or restrict use, to post closure signs, and to notify the public of closures or restrictions.

(d) This section shall not apply to discharge authorized by law and in compliance with waste discharge requirements or other requirements established by the appropriate regional water quality control board or the State Water Resources Control Board.

§5413. State Department Duties

Whenever the state department finds that a pollution or nuisance does, in fact, exist, that condition shall be immediately referred by the state department to the proper regional board for action, together with any recommendations for correction, and, commencing July 1 of a year in which the Legislature has appropriated sufficient funds for this purpose, the state department shall submit any report required pursuant to subdivision (d) of Section 13193 of the Water Code. Upon request of a regional board, the state department shall inspect and report to the board on any technical factors involved in any condition of pollution or nuisance.

§5414. State Department Acceptance of Jurisdictional Actions

With respect to any condition of contamination, the state department may accept the action of any state, county, or municipal officer or agency having jurisdiction over the matter as sufficient.

§5415. Chapter Limitations

No provision in this chapter is a limitation on any of the following:

(a) The authority of a city or county to adopt and enforce additional regulations not in conflict with this chapter imposing additional conditions, restrictions, or limitations relating to the disposal of sewage or other waste.

(b) The authority of any city or county to declare, prohibit, and abate nuisances.

(c) The authority of a state agency in the enforcement or administration of any provision of law which it is specifically permitted or required to enforce or administer.

(d) The right of any person to maintain at any time any appropriate action for relief against any private nuisance as defined in the Civil Code or for relief against any contamination or pollution.

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(e) The authority of a city or county to adopt and enforce regulations relating to the use of recycled water in accordance with Chapter 7 (commencing with Section 13500) of Division 7 of the Water Code.

§5416. Construction Job Toilets

(a) There shall be not less than one water closet for each 20 employees or fractional part thereof working at a construction job site.

(b) The water closet shall consist of a patented chemical type privy, or a pit privy; provided, however, that a pit privy shall consist of a pit at least four feet deep with a well-constructed shelter, the openings of which shall be flyproofed, and with respect to which adequate sanitary and safe flooring shall be provided. With the approval of the local health officer other types of toilet facilities or modifications of those specified may be allowed.

(c) For the purpose of this section the term construction site shall mean the location on which actual construction of a building is in progress.

(d) A violation of this section shall constitute a misdemeanor.

DIVISION 6. SANITARY DISTRICTS

Part 1. Sanitary District Act of 1923

Chapter 4. District Powers

Article 1. Generally

§6512. Authority Pertaining to Water Recycling and Distribution Systems

(a) A district may acquire, plan, construct, reconstruct, alter, enlarge, lay, renew, replace, maintain, and operate garbage dumpsites and garbage collection and disposal systems, sewers, drains, septic tanks, and sewerage collection, outfall, treatment works and other sanitary disposal systems, and storm water drains and storm water collection, outfall and disposal systems, and water recycling and distribution systems, as the board deems necessary and proper, and in the performance of these functions, either in or out of the district, it may join through joint powers agreements pursuant to the provisions of Chapter 5 (commencing with Section 6500) of Division 7 of Title 1 of the Government Code, or through other means with any county or municipality or any other district or governmental agency.

(b) Before any garbage dump is established, the location shall first be approved by the county health officer, and, in addition, if the location is within two miles of any city, the consent of the governing body of the city shall first be secured.

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(c)

(1) If the district includes any part of a city, water district, or other local agency that provides water service to any territory in the district, the district shall not supply water service to the territory unless the district first obtains the consent of the city, water district, or other local agency. The consent shall not be revoked, if the revocation will result in a decrease of the revenues available to pay the outstanding bonds of the district.

(2) Paragraph (1) does not apply to the provision of recycled water by a district.

(3)

(A) Subject to subparagraph (B), a district may not supply water service using recycled water to the territory of any part of a city, water district, or other local public entity providing water service, or commence construction of facilities for that service, prior to offering to consult with that city, water district, or other local public entity, and providing notification of availability for consultation. The obligation to consult terminates if that local public entity providing water service fails to make itself available for consultation within 60 days of written notification to that local public entity.

(B) The consultation and notification requirements described in subparagraph (A) do not apply to a district if the district, prior to supplying water or commencing construction as described in subparagraph (A), provides notification to the local public entity pursuant to Section 65604 of the Government Code or submits a written request to the local public entity pursuant to subdivision (b) of Section 13580 of the Water Code.

(d) The Department of Water Resources may assist sanitary districts in applying for, and in obtaining approval of, federal and state funding and permits for cost-effective water recycling projects and shall confer and cooperate with the legislative body of the district during the application and approval process.

DIVISION 8. CEMETERIES

Part 1. General Provisions

Chapter 4.5. Maintenance of Cemetery Grounds

§8117. Hose Bib use with Recycled Water

Hose bibs are approved for use at cemeteries supplied with disinfected tertiary treated recycled water.

§8118. Recycled Water Signage for Hose Bibs

A cemetery supplied with disinfected tertiary treated recycled water that installs a hose bib in an area subject to access by the general public shall post signage and labeling visible to the general public that the water is nonpotable. The signage and labeling shall be regularly inspected by the water purveyor, as defined in Section 512 of the Water Code, to ensure that the general public has proper notice of this fact.

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DIVISION 13. HOUSING

Part 1.5. Regulations of Buildings Used for Human Habitation.

Chapter 2. Rules and Regulations

§17921.5. Use of Recycled Water (Effective January 1, 2015)

(a) For purposes of this section, "recycled water" has the same meaning as that term is defined in subdivision (n) of Section 13050 of the Water Code, and is consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations.

(b)

(1) The department shall conduct research to assist in the development of mandatory building standards for the installation of recycled water systems for newly constructed single-family and multifamily residential buildings. In conducting this research, the department shall actively consult with the State Water Resources Control Board, the State Department of Public Health, and other interested parties, including, but not limited to, public water systems, recycled water producers, product manufacturers, local building officials, apartment and other rental property owners, California-licensed contractors, and the building industry.

(2) In researching, developing, and proposing mandatory building standards under this section, the department is authorized to expend funds from the Building Standards Administration Special Revolving Fund, upon appropriation pursuant to Section 18931.7.

(3) Research conducted to propose building standards pursuant to this section shall include, but is not limited to, the following:

(A) Potential outdoor applications for recycled water, consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations.

(B) Potential indoor applications for recycled water, consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations. With respect to indoor applications, the department shall consider whether to adopt or recommend measures in addition to the current standards adopted in the California Plumbing Code in Title 24 of the California Code of Regulations to ensure the safe installation of indoor recycled water piping or systems, including, but not limited to, requiring purple pipe or special markings on recycled water piping that states clearly whether it is approved for indoor use, or recommending restrictions on who may purchase or install recycled water piping for indoor use.

(C) The cost of various recycled water systems.

(D) The estimated quantity of water savings under varying levels of application of recycled water in residential buildings and building site landscaped areas.

(4) The department may research standards for different types of water recycling systems, including noncentralized systems, but shall only mandate systems to the extent that they meet all of the health and safety standards specified in this section.

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(c)

(1) The department shall submit for adoption mandatory building standards for the installation of recycled water systems for newly constructed single-family residential and multifamily residential buildings. The department shall submit the proposed mandatory building standards to the California Building Standards Commission for consideration during the 2016 Intervening Code Adoption Cycle, and may propose the amendment or repeal of these mandatory standards as necessary in future code adoption cycles, consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations.

(2) When developing the application provisions for the mandatory building standards, the department shall limit the mandate to install recycled water systems within residential buildings and building site landscaped areas to only those areas within a local jurisdiction that have feasible and cost-efficient access to a water recycling facility, or that have been identified by the local jurisdiction within a planned service area for the provision of recycled water for which a specific implementation timeline has been identified by the public water system in its most recent urban water management plan.

(3) The mandate to install recycled water piping shall not apply to service areas in which the only recycled water use is for potable purposes, or in which net nonpotable deliveries are anticipated to remain level or decrease as a result of the potable reuse project.

(4) The department shall develop the application provisions for the mandatory building standards required under paragraph (1), in consultation with the State Water Resources Control Board, public water systems, recycled water producers, and water research associations.

(5) A city, county, or city and county, in consultation with the public water system and recycled water producer, may further reduce the area for which the mandate to install recycled water piping applies, if the local public water system or recycled water producer finds that providing recycled water to an area is not feasible or cost effective.

§17922.12. Use of Graywater

(a) For the purposes of this section, "graywater" means untreated wastewater that has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. "Graywater" includes wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines, and laundry tubs, but does not include wastewater from kitchen sinks or dishwashers.

(b) Notwithstanding Chapter 22 (commencing with Section 14875) of Division 7 of the Water Code, at the next triennial building standards rulemaking cycle that commences on or after January 1, 2009, the department shall adopt and submit for approval pursuant to Chapter 4 (commencing with Section 18935) of Part 2.5 building standards for the construction, installation, and alteration of graywater systems for indoor and outdoor uses.

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(c) In adopting building standards under this section, the department shall do all of the following:

(1) Convene and consult a stakeholder's group that includes members with expertise in public health, water quality, geology or soils, residential plumbing, home building, and environmental stewardship.

(2) Ensure protection of water quality in accordance with applicable provisions of state and federal water quality law.

(3) Consider existing research available on the environmental consequences to soil and groundwater of short-term and long-term graywater use for irrigation purposes, including, but not limited to, research sponsored by the Water Environment Research Foundation.

(4) Consider graywater use impacts on human health.

(5) Consider the circumstances under which the use of in-home graywater treatment systems is recommended.

(6) Consider the use and regulation of graywater in other jurisdictions within the United States and in other nations.

(d) The department may revise and update the standards adopted under this section at any time, and the department shall reconsider these standards at the next triennial rulemaking that commences after their adoption.

(e) The approval by the California Building Standards Commission of the standards for graywater systems adopted under this section shall terminate the authority of the Department of Water Resources to adopt and update standards for the installation, construction, and alteration of graywater systems in residential buildings pursuant to Chapter 22 (commencing with Section 14875) of Division 7 of the Water Code.

Part 2.5. State Building Standards

Chapter 4. The California Building Standards Code

§18940.6. CA Building Commission recycled water research

(a) For purposes of this section, "recycled water" has the same meaning as that term is defined in subdivision (n) of Section 13050 of the Water Code, and is consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations.

(b)

(1) The California Building Standards Commission shall conduct research to assist in the development of mandatory green building standards for the installation of recycled water systems for newly constructed commercial and public buildings, in consultation with the State Water Resources Control Board and other interested parties, including, but not limited to, public water systems, recycled water producers, product manufacturers, local building officials,

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apartment and other rental property owners, California-licensed contractors, and the building industry.

(2) In researching, developing, and proposing mandatory building standards under this section, the commission is authorized to expend funds from the Building Standards Administration Special Revolving Fund, upon appropriation pursuant to Section 18931.7.

(3) Research conducted in order to propose building standards pursuant to this section shall include, but is not limited to, the following:

(A) Potential outdoor applications for recycled water, consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations.

(B) Potential indoor applications for recycled water, consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations. With respect to indoor applications, the commission shall consider whether to adopt or recommend measures in addition to the current standards adopted in the California Plumbing Code in Title 24 of the California Code of Regulations, to ensure the safe installation of indoor recycled water piping or systems, including, but not limited to, requiring purple pipe or special markings on recycled water piping or systems that states clearly whether it is approved for indoor use, or recommending restrictions on who may purchase or install recycled water piping for indoor use.

(C) The cost of various recycled water systems.

(D) The estimated quantity of water savings under varying levels of application of recycled water in commercial and public buildings and building site landscaped areas.

(4) The commission may research standards for different types of water recycling systems, including noncentralized systems, but shall only mandate systems to the extent that they meet all of the health and safety standards specified in this section.

(c)

(1) The commission shall adopt mandatory building standards for the installation of recycled water systems for newly constructed commercial and public buildings. The commission shall consider the proposed mandatory building standards during the 2016 Intervening Code Adoption Cycle and may amend these mandatory standards as necessary in future code adoption cycles, consistent with the recycled water use criteria specified in Chapter 3 (commencing with Section 60301.100) of Division 4 of Title 22 of the California Code of Regulations.

(2) When developing the application provisions for the mandatory building standards, the commission shall limit the mandate to install recycled water systems within commercial and public buildings and building site landscaped areas to only those areas within a local jurisdiction that have feasible and cost-efficient access to a water recycling facility, or that have been identified by the local jurisdiction within a planned service area for the provision of recycled water for which a specific implementation timeline has been identified by the public water system in its most recent urban water management plan.

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(3) The mandate to install recycled water piping shall not apply to service areas in which the only recycled water use is for potable purposes, or in which net nonpotable deliveries are anticipated to remain level or decrease as a result of the potable reuse project.

(4) The commission shall develop the application provisions for the mandatory building standards required under paragraph (1) in consultation with the State Water Resources Control Board, public water systems, recycled water producers, and water research associations.

(5) A city, county, or city and county, in consultation with the public water system and recycled water producer, may further reduce the area for which the mandate to install recycled water piping applies, if the local public water system or recycled water producer finds that providing recycled water to an area is not feasible or cost effective.

§18941.7. Authority for Local Agencies to adopt graywater prohibitions or standards

A city, county, or other local agency may adopt, after a public hearing and enactment of an ordinance or resolution, building standards that prohibit entirely the use of graywater, or building standards that are more restrictive than the graywater building standards adopted by the department under Section 17922.12 and published in the California Building Standards Code.

§18941.8. CA Building Commission standards for graywater

(a) As used in this section, "graywater" has the same meaning as defined in Section 17922.12.

(b) Notwithstanding Chapter 22 (commencing with Section 14875) of Division 7 of the Water Code, as a part of the next triennial edition of the California Building Standards Code (Title 24 of the California Code of Regulations) adopted after January 1, 2011, the commission shall adopt building standards for the construction, installation, and alteration of graywater systems for indoor and outdoor uses in nonresidential occupancies.

(c) In adopting building standards under this section, the commission shall do all of the following:

(1) Ensure protection of water quality in accordance with applicable provisions of state and federal water quality law.

(2) Consider the adopted building standards for the construction, installation, and alteration of graywater systems for indoor and outdoor uses in residential buildings.

(3) Consider existing research available on the environmental consequences to soil and groundwater of short-term and long-term graywater use for irrigation purposes.

(4) Consider graywater use impacts on human health.

(5) Consider the circumstances under which the use of graywater treatment systems in nonresidential occupancies is recommended.

(6) Consider the use and regulation of graywater in other jurisdictions.

(7) Use Chapter 16 of the Uniform Plumbing Code, adopted by the International Association of Plumbing and Mechanical Officials, as the starting point for the building standards and amend those standards as necessary.

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(d) The commission may revise and update the standards adopted under this section at any time.

(e) The commission's adoption of building standards for graywater systems pursuant to this section shall terminate the authority of the Department of Water Resources to adopt and update standards for the installation, construction, and alteration of graywater systems in nonresidential buildings pursuant to Chapter 22 (commencing with Section 14875) of Division 7 of the Water Code.

DIVISION 104. ENVIRONMENTAL HEALTH SERVICES

Part 5. Sherman Food, Drug, and Cosmetic Laws

Chapter 5. Food

Article 12. Bottled, Vended, Hauled, and Processed Water

§111070.5. Advanced Purified Water (Effective January 1, 2017.)

(a) "Advanced purified demonstration water" means product water from an advanced water purification facility that satisfies both of the following requirements:

(1) The product water is treated by all of the following treatment processes:

(A) Microfiltration, ultrafiltration, or other filtration process that removes particulates before reverse osmosis.

(B) Reverse osmosis.

(C) Advanced oxidation.

(2) The product water meets or exceeds all federal and state drinking water standards and is produced in accordance with the advanced treatment criteria for purified water specified in Section 60320.201 of Title 22 of the California Code of Regulations.

(b) A bottler of advanced purified demonstration water shall do all of the following:

(1) Submit sample labels to the department for review at least 30 days before bottling advanced purified demonstration water.

(2) Submit the analyses of the advanced purified demonstration water required under subdivision (e) of Section 13570 of the Water Code to the department at least seven days before bottling advanced purified demonstration water.

(3) Conduct a full sanitation of the bottling and filling equipment immediately after bottling advanced purified demonstration water.

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Part 12. Drinking Water

Chapter 4. California Safe Drinking Water Act

Article 7. Requirements and Compliance

§116551. Augmentation of source with recycled water (Amended 2016 to refer to State Board)

The state board shall not issue a permit to a public water system or amend a valid existing permit for the use of a reservoir as a source of supply that is directly augmented with recycled water, as defined in subdivision (n) of Section 13050 of the Water Code, unless the state board does all of the following:

(a) Performs an engineering evaluation that evaluates the proposed treatment technology and finds that the proposed technology will ensure that the recycled water meets all applicable primary and secondary drinking water standards and poses no significant threat to public health.

(b) Holds at least three duly noticed public hearings in the area where the recycled water is proposed to be used or supplied for human consumption to receive public testimony on that proposed use. The state board shall make available to the public, not less than 10 days prior to the date of the first hearing held pursuant to this subdivision, the evaluations and findings made pursuant to subdivision (a).

Chapter 5. Water Equipment and Control

Article 2. Cross-Connection Control by Water Users

§116800. Control of users

Local health officers may maintain programs for the control of cross-connections by water users, within the users' premises, where public exposure to drinking water contaminated by backflow may occur. The programs may include inspections within water users premises for the purpose of identifying cross-connection hazards and determining appropriate backflow protection. Water users shall comply with all orders, instructions, regulations, and notices from the local health officer with respect to the installation, testing, and maintenance of backflow prevention devices. The local health officer may collect fees from those water users subject to inspection to offset the costs of implementing cross-connection control programs.

§116805. Fees

(a) Local health officers may maintain programs, in cooperation with water suppliers, to protect against backflow through service connections into the public water supply, and, with the consent of the water supplier, may collect fees from the water supplier to offset the costs of implementing these programs.

(b) The fees authorized under this section and under Section 116800 shall be limited to the costs of administering these programs. At the discretion of the water supplier, the fees collected from the water supplier by the local health officer may be passed through to water users.

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(c) Programs authorized under this section and Section 116800 shall be conducted in accordance with backflow protection regulations adopted by the department.

(d) Nothing in this article shall prevent a water supplier from directly charging those water users required to install backflow prevention devices for the costs of the programs authorized in this section and Section 116800.

§116810. Certification of device testers

To assure that testing and maintenance of backflow prevention devices are performed by persons qualified to do testing and maintenance, local health officers may maintain programs for certification of backflow prevention device testers. The local health officer may suspend, revoke, or refuse to renew the certificate of a tester, if, after a hearing before the local health officer or his or her designee, the local health officer or his or her designee finds that the tester has practiced fraud or deception or has displayed gross negligence or misconduct in the performance of his or her duties as a certified backflow prevention device tester. The local health officer may collect fees from certified testers to offset the cost of the certification program provided pursuant to this section. The certification standards shall be consistent with the backflow protection regulations adopted by the department.

§116815. Purple pipe for recycled water

(a) All pipes installed above or below the ground, on and after June 1, 1993, that are designed to carry recycled water, shall be colored purple or distinctively wrapped with purple tape.

(b) Subdivision (a) shall apply only in areas served by a water supplier delivering water for municipal and industrial purposes, and in no event shall apply to any of the following:

- (1) Municipal or industrial facilities that have established a labeling or marking system for recycled water on their premises, as otherwise required by a local agency, that clearly distinguishes recycled water from potable water.
- (2) Water delivered for agricultural use.

(c) For purposes of this section, "recycled water" has the same meaning as defined in subdivision (n) of Section 13050 of the Water Code.

§116820. Violations

Any person who violates any provision of this article, violates any order of the local health officer pursuant to this article, or knowingly files a false statement or report required by the local health officer pursuant to this article is guilty of a misdemeanor punishable by a fine not exceeding five hundred dollars (\$500) or by imprisonment not exceeding 30 days in the county jail or by both such fine and imprisonment. Each day of a violation of any provision of this article or of any order of the local health officer beyond the time stated for compliance of the order shall be a separate offense.

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PUBLIC UTILITIES CODE

GENERAL PROVISION

§20.5. Recycled Water definition

For the purposes of this code, “recycled water” or “reclaimed water” has the same meaning as recycled water as defined in subdivision (n) of Section 13050 of the Water Code.

DIVISION 1. REGULATION OF PUBLIC UTILITIES

Part 1. Public Utilities Act

Chapter 3. Rights and Obligation of Public Utilities

Article 1. Rates

§455.1. Recycled Water

Whenever a water corporation files with the commission, pursuant to an advice letter submitted in accordance with commission procedures for this means of submission, a schedule stating rates, classifications, contracts, practices, or rules for the service of recycled water, the policies and standards for which are provided for in Article 7 (commencing with Section 13550) of Chapter 7 of Division 7 of the Water Code, the commission shall observe the following procedures:

(a) Unless the commission determines, pursuant to subdivision (b), that the schedule filed by a water corporation for the service of recycled water is not justified or, pursuant to subdivision (d), any other party protests in writing the filing of the schedule, the schedule shall become effective upon the expiration of 40 days from the time of filing thereof.

(b) Notwithstanding the filing of notice of changes or amendments as provided in subdivision (c) or a protest as provided in subdivision (d), the schedule as filed shall become effective on an interim basis upon the expiration of 30 days from the time of filing thereof, subject to refund of any amount of the rate subsequently found by the commission to be in excess of a just and reasonable rate.

(c) If, upon its own initiative, the commission, acting through the staff organization with responsibility for reviewing advice letter filings, determines that the schedule filed by a water corporation for the service of recycled water is not justified, it shall notify the water corporation of the determination in writing within 40 days from the time of filing of the schedule and shall state in the notice all changes or amendments to the schedule that are required to make it just and reasonable. Upon the refile by the water corporation within 10 days of the receipt of the notice of a revised schedule incorporating all changes and amendments specified by the commission, the revised schedule shall become effective on an interim basis subject to refund upon the expiration of five days from the time of the refile thereof, and shall become final upon formal commission action approving the schedule, as revised.

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(d) If any other party, including the commission organization or division created pursuant to Section 309.5, protests in writing the schedule filed by a water corporation for the service of recycled water, the commission shall set the matter for a hearing on the protest to be held within a reasonable time from the time that the party files its written protest with the commission.

(e) Subdivision (d) of Section 311 shall govern the timing of actions by the commission after the close of the record in any proceeding pursuant to subdivision (d) of this section.

Chapter 8.5. Service Duplication

§1506. Recycled Water (Effective January 1, 2015.)

(a) As used in this chapter, "private utility" includes a mutual water company. In its application to mutual water companies, this chapter affects and relates only to the property, or portion of any property, of a mutual water company that is employed by the company in providing water service in or for a territory that is actually being provided with water service by the company when a political subdivision constructs facilities to provide or extend water service or provides or extends the service to the territory, and that territory shall constitute the "service area" of a mutual water company as used in Section 1502.

(b) Subject to the preservation of rights of a mutual water company in subdivision (c), this section does not apply to a political subdivision that constructs facilities to provide or extend recycled water service to the territory of the mutual water company, if the political subdivision complies with the Water Recycling Act of 1991 (Chapter 7.5 (commencing with Section 13575) of Division 7 of the Water Code).

(c) The exception in subdivision (b), for a political subdivision that constructs facilities to provide or extend recycled water service to the territory of the mutual water company, does not apply to those customers and their properties to which the mutual water company was providing recycled water service, or for whom the mutual water company has identified and developed specific plans to provide recycled water service, as of December 31, 2014.

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STREETS AND HIGHWAYS CODE

GENERAL PROVISION

§36. Recycled Water definition

For the purposes of this code, “recycled water” or “reclaimed water” has the same meaning as recycled water as defined in subdivision (n) of Section 13050 of the Water Code.

DIVISION 1. STATE HIGHWAYS

Chapter 1. Administration

Article 1. The Department of Transportation

§92.3. Recycled Water Use

(a) The department shall do both of the following:

(1) Discontinue further water intensive freeway landscaping and use drought resistant landscaping whenever feasible, taking into consideration such factors as erosion control and fire retardant needs.

(2) Eliminate any dependency on imported water for landscaping as soon as practicable.

(b) The department shall require the use of recycled water for the irrigation of freeway landscaping when it finds and determines that all of the following conditions exist:

(1) The recycled water is of adequate quality and is available in adequate quantity for the proposed use.

(2) The proposed use of the recycled water is approved by the California regional water quality control board having jurisdiction.

(3) There is a direct benefit to the state highway program for the proposed use of recycled water.

(4) The recycled water is supplied by a local public agency or water public utility able to contract for delivery of water and the installation, maintenance, and repair of facilities to deliver the water.

(5) The installation of the water delivery facilities does not unreasonably increase any hazard to vehicles on the freeway or create unreasonable problems of highway maintenance and repair.

(c) In cooperation with local public agencies and water public utilities, the department shall permit local public agencies and water public utilities to place transmission lines for recycled water in freeway rights-of-way for use by the local public agencies and water public utilities to transmit recycled water to others, when to do so will promote a beneficial use of recycled water and that transmission does not unreasonably interfere with use of the freeway or unreasonably increase any hazard to vehicles on the freeway, subject to paragraphs (1) to (5), inclusive, of subdivision (b) and the following additional requirements:

(1) The local public agency or water public utility holds the department harmless for any liability caused by a disruption of service to other users of the recycled water and will defend the

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department in any resulting legal action and pay any damages awarded as a result of that disruption.

(2) The department, in cooperation with the local public agency or water public utility, may temporarily interrupt service in order to add to or modify its facilities without liability, as specified in paragraph (1).

(3) The local public agency or water public utility obtains and furnishes the department an agreement by all other users of recycled water from the transmission system holding the department harmless for any disruption in service.

(4) The local public agency or water public utility has furnished the department a list of other recycled water users and information on any backup system or other source of water available for use in case of a service disruption.

(5) The local public agency is responsible for the initial cost or any relocation cost of the recycled water transmission lines for service to other users in the right-of-way and waives its rights to require the department to pay the relocation costs pursuant to Sections 702 and 704.

(6) The local public agency or water public utility maintains the water transmission system subject to reasonable access for maintenance purposes to be negotiated between the department and the local public agency or water public utility.

(7) The department has first priority with respect to the recycled water supply contracted for by the department.

(8) The local public agency or water public utility installs an automatic control system which will allow the water transmission system to be shut down in case of an emergency. The department shall have access to all parts of the transmission system for purposes of the agreement.

(9) All transmission lines are placed underground and as close as possible to the freeway right-of-way boundary or at other locations authorized by the department.

(10) The plans and specifications for the recycled water transmission facilities have been approved by the department prior to construction.

(d) As used in this section:

(1) "Local public agency" means any local public agency which transmits or supplies recycled water to others.

(2) "Water public utility" means any privately owned water corporation which is subject to the jurisdiction and control of the Public Utilities Commission.

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DIVISION 7. THE IMPROVEMENT ACT OF 1911

Part 3. Performing the Work

Chapter 29. Contractual Assessments

Article 1. General Provisions

§5898.12. Recycled Water Use

(a) It is the intent of the Legislature that this chapter should be used to finance public improvements to lots or parcels that are developed and where the costs and time delays involved in creating an assessment district pursuant to other provisions of this division or any other law would be prohibitively large relative to the cost of the public improvements to be financed.

(b) It is also the intent of the Legislature that this chapter should be used to finance the installation or prepaid service contract, or both, of distributed generation renewable energy sources or energy efficiency improvements that are permanently fixed to residential, commercial, industrial, agricultural, or other real property.

(c) It is also the intent of the Legislature to address chronic water needs throughout California by permitting voluntary individual efforts to improve water efficiency. The Legislature further intends that this chapter should be used to finance the installation of water efficiency improvements that are permanently fixed to residential, commercial, industrial, agricultural, or other real property, including, but not limited to, recycled water connections, synthetic turf, cisterns for stormwater recovery, and permeable pavement.

(d) It is also the intent of the Legislature that a public agency in the process of establishing an assessment program, to the extent feasible, use a good faith effort to provide advance notice of the proposed program to water and electric service providers in the relevant service area, as set forth in Section 5898.24, to allow the most efficient coordination and collaboration between the public agency and water and electric service providers.

(e) This chapter shall not be used to finance facilities for parcels in connection with the initial construction of a residential building, unless the initial construction is undertaken by the intended owner or occupant.

(f) This chapter shall not be used to finance the purchase or installation of appliances that are not permanently fixed to residential, commercial, industrial, agricultural, or other real property.

(g) Assessments may be levied pursuant to this chapter only with the free and willing consent of the owner of each lot or parcel on which an assessment is levied at the time the assessment is levied.

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PUBLIC RESOURCES CODE

DIVISION 3. OIL AND GAS

Chapter 1. Oil and Gas Conservation

Article 1. Well Stimulation

§3160. Recycled Water use for well stimulation (Effective June 20, 2014.)

(a) On or before January 1, 2015, the Secretary of the Natural Resources Agency shall cause to be conducted, and completed, an independent scientific study on well stimulation treatments, including, but not limited to, hydraulic fracturing and acid well stimulation treatments. The scientific study shall evaluate the hazards and risks and potential hazards and risks that well stimulation treatments pose to natural resources and public, occupational, and environmental health and safety. The scientific study shall do all of the following:

(1) Follow the well-established standard protocols of the scientific profession, including, but not limited to, the use of recognized experts, peer review, and publication.

(2) Identify areas with existing and potential conventional and unconventional oil and gas reserves where well stimulation treatments are likely to spur or enable oil and gas exploration and production.

(3)

(A) Evaluate all aspects and effects of well stimulation treatments, including, but not limited to, the well stimulation treatment, additive and water transportation to and from the well site, mixing and handling of the well stimulation treatment fluids and additives onsite, the use and potential for use of nontoxic additives and the use or reuse of treated or produced water in well stimulation treatment fluids, and flowback fluids and the handling, treatment, and disposal of flowback fluids and other materials, if any, generated by the treatment. Specifically, the potential for the use of recycled water in well stimulation treatments, including appropriate water quality requirements and available treatment technologies, shall be evaluated. Well stimulation treatments include, but are not limited to, hydraulic fracturing and acid well stimulation treatments.

(B) Review and evaluate acid matrix stimulation treatments, including the range of acid volumes applied per treated foot and total acid volumes used in treatments, types of acids, acid concentration, and other chemicals used in the treatments.

(4) Consider, at a minimum, atmospheric emissions, including potential greenhouse gas emissions, the potential degradation of air quality, potential impacts on wildlife, native plants, and habitat, including habitat fragmentation, potential water and surface contamination, potential noise pollution, induced seismicity, and the ultimate disposition, transport, transformation, and toxicology of well stimulation treatments, including acid well stimulation fluids, hydraulic fracturing fluids, and waste hydraulic fracturing fluids and acid well stimulation in the environment.

(5) Identify and evaluate the geologic features present in the vicinity of a well, including the well bore, that should be taken into consideration in the design of a proposed well stimulation treatment.

(6) Include a hazard assessment and risk analysis addressing occupational and environmental exposures to well stimulation treatments, including hydraulic fracturing

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treatments, hydraulic fracturing treatment-related processes, acid well stimulation treatments, acid well stimulation treatment-related processes, and the corresponding impacts on public health and safety with the participation of the Office of Environmental Health Hazard Assessment.

(7) Clearly identify where additional information is necessary to inform and improve the analyses.

(b)

(1)

(A) On or before January 1, 2015, the division, in consultation with the Department of Toxic Substances Control, the State Air Resources Board, the State Water Resources Control Board, the Department of Resources Recycling and Recovery, and any local air districts and regional water quality control boards in areas where well stimulation treatments, including acid well stimulation treatments and hydraulic fracturing treatments, may occur, shall adopt rules and regulations specific to well stimulation treatments. The rules and regulations shall include, but are not limited to, revisions, as needed, to the rules and regulations governing construction of wells and well casings to ensure integrity of wells, well casings, and the geologic and hydrologic isolation of the oil and gas formation during and following well stimulation treatments, and full disclosure of the composition and disposition of well stimulation fluids, including, but not limited to, hydraulic fracturing fluids, acid well stimulation fluids, and flowback fluids.

(B) The rules and regulations shall additionally include provisions for an independent entity or person to perform the notification requirements pursuant to paragraph (6) of subdivision (d), for the operator to provide for baseline and followup water testing upon request as specified in paragraph (7) of subdivision (d).

(C)

(i) In order to identify the acid matrix stimulation treatments that are subject to this section, the rules and regulations shall establish threshold values for acid volume applied per treated foot of any individual stage of the well or for total acid volume of the treatment, or both, based upon a quantitative assessment of the risks posed by acid matrix stimulation treatments that exceed the specified threshold value or values in order to prevent, as far as possible, damage to life, health, property, and natural resources pursuant to Section 3106.

(ii) On or before January 1, 2020, the division shall review and evaluate the threshold values for acid volume applied per treated foot and total acid volume of the treatment, based upon data collected in the state, for acid matrix stimulation treatments. The division shall revise the values through the regulatory process, if necessary, based upon the best available scientific information, including the results of the independent scientific study pursuant to subparagraph (B) of paragraph (3) of subdivision (a).

(2) Full disclosure of the composition and disposition of well stimulation fluids, including, but not limited to, hydraulic fracturing fluids and acid stimulation treatment fluids, shall, at a minimum, include:

(A) The date of the well stimulation treatment.

(B) A complete list of the names, Chemical Abstract Service (CAS) numbers, and maximum concentration, in percent by mass, of each and every chemical constituent of the well

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stimulation treatment fluids used. If a CAS number does not exist for a chemical constituent, the well owner or operator may provide another unique identifier, if available.

(C) The trade name, the supplier, concentration, and a brief description of the intended purpose of each additive contained in the well stimulation treatment fluid.

(D) The total volume of base fluid used during the well stimulation treatment, and the identification of whether the base fluid is water suitable for irrigation or domestic purposes, water not suitable for irrigation or domestic purposes, or a fluid other than water.

(E) The source, volume, and specific composition and disposition of all water, including, but not limited to, all water used as base fluid during the well stimulation treatment and recovered from the well following the well stimulation treatment that is not otherwise reported as produced water pursuant to Section 3227. Any repeated reuse of treated or untreated water for well stimulation treatments and well stimulation treatment-related activities shall be identified.

(F) The specific composition and disposition of all well stimulation treatment fluids, including waste fluids, other than water.

(G) Any radiological components or tracers injected into the well as part of, or in order to evaluate, the well stimulation treatment, a description of the recovery method, if any, for those components or tracers, the recovery rate, and specific disposal information for recovered components or tracers.

(H) The radioactivity of the recovered well stimulation fluids.

(I) The location of the portion of the well subject to the well stimulation treatment and the extent of the fracturing or other modification, if any, surrounding the well induced by the treatment.

(c)

(1) Through the consultation process described in paragraph (1) of subdivision (b), the division shall collaboratively identify and delineate the existing statutory authority and regulatory responsibility relating to well stimulation treatments and well stimulation treatment-related activities of the Department of Toxic Substances Control, the State Air Resources Board, any local air districts, the State Water Resources Control Board, the Department of Resources Recycling and Recovery, any regional water quality control board, and other public entities, as applicable. This shall specify how the respective authority, responsibility, and notification and reporting requirements associated with well stimulation treatments and well stimulation treatment-related activities are divided among each public entity.

(2) On or before January 1, 2015, the division shall enter into formal agreements with the Department of Toxic Substances Control, the State Air Resources Board, any local air districts where well stimulation treatments may occur, the State Water Resources Control Board, the Department of Resources Recycling and Recovery, and any regional water quality control board where well stimulation treatments may occur, clearly delineating respective authority, responsibility, and notification and reporting requirements associated with well stimulation treatments and well stimulation treatment-related activities, including air and water quality monitoring, in order to promote regulatory transparency and accountability.

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(3) The agreements under paragraph (2) shall specify the appropriate public entity responsible for air and water quality monitoring and the safe and lawful disposal of materials in landfills, include trade secret handling protocols, if necessary, and provide for ready public access to information related to well stimulation treatments and related activities.

(4) Regulations, if necessary, shall be revised appropriately to incorporate the agreements under paragraph (2).

(d)

(1) Notwithstanding any other law or regulation, prior to performing a well stimulation treatment on a well, the operator shall apply for a permit to perform a well stimulation treatment with the supervisor or district deputy. The well stimulation treatment permit application shall contain the pertinent data the supervisor requires on printed forms supplied by the division or on other forms acceptable to the supervisor. The information provided in the well stimulation treatment permit application shall include, but is not limited to, the following:

(A) The well identification number and location.

(B) The time period during which the well stimulation treatment is planned to occur.

(C) A water management plan that shall include all of the following:

(i) An estimate of the amount of water to be used in the treatment. Estimates of water to be recycled following the well stimulation treatment may be included.

(ii) The anticipated source of the water to be used in the treatment.

(iii) The disposal method identified for the recovered water in the flowback fluid from the treatment that is not produced water included in the statement pursuant to Section 3227.

(D) A complete list of the names, Chemical Abstract Service (CAS) numbers, and estimated concentrations, in percent by mass, of each and every chemical constituent of the well stimulation fluids anticipated to be used in the treatment. If a CAS number does not exist for a chemical constituent, the well owner or operator may provide another unique identifier, if available.

(E) The planned location of the well stimulation treatment on the well bore, the estimated length, height, and direction of the induced fractures or other planned modification, if any, and the location of existing wells, including plugged and abandoned wells, that may be impacted by these fractures and modifications.

(F) A groundwater monitoring plan. Required groundwater monitoring in the vicinity of the well subject to the well stimulation treatment shall be satisfied by one of the following:

(i) The well is located within the boundaries of an existing oil or gas field-specific or regional monitoring program developed pursuant to Section 10783 of the Water Code.

(ii) The well is located within the boundaries of an existing oil or gas field-specific or regional monitoring program developed and implemented by the well owner or operator meeting the model criteria established pursuant to Section 10783 of the Water Code.

(iii) Through a well-specific monitoring plan implemented by the owner or operator meeting the model criteria established pursuant to Section 10783 of the Water Code, and submitted to the appropriate regional water board for review.

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(G) The estimated amount of treatment-generated waste materials that are not reported in subparagraph (C) and an identified disposal method for the waste materials.

(2)

(A) At the supervisor's discretion, and if applied for concurrently, the well stimulation treatment permit described in this section may be combined with the well drilling and related operation notice of intent required pursuant to Section 3203 into a single combined authorization. The portion of the combined authorization applicable to well stimulation shall meet all of the requirements of a well stimulation treatment permit pursuant to this section.

(B) The time period available for approval of the combined authorization applicable to well stimulation is subject to the terms of this section, and not Section 3203.

(3)

(A) The supervisor or district deputy shall review the well stimulation treatment permit application and may approve the permit if the application is complete. An incomplete application shall not be approved.

(B) A well stimulation treatment or repeat well stimulation treatment shall not be performed on any well without a valid permit that the supervisor or district deputy has approved.

(C) In considering the permit application, the supervisor shall evaluate the quantifiable risk of the well stimulation treatment.

(D) In the absence of state implementation of a regional groundwater monitoring program pursuant to paragraph (1) of subdivision (h) of Section 10783 of the Water Code, the supervisor or district deputy may approve a permit application for well stimulation treatment pursuant to subparagraph (A) prior to the approval by the State Water Resources Control Board or a regional water quality control board of an area-specific groundwater monitoring program developed by an owner or operator pursuant to paragraph (2) of subdivision (h) of Section 10783 of the Water Code, but the well stimulation treatment shall not commence until the state board or the regional board approves the area-specific groundwater monitoring program.

(4) The well stimulation treatment permit shall expire one year from the date that the permit is issued.

(5) Within five business days of issuing a permit to perform a well stimulation treatment, the division shall provide a copy of the permit to the appropriate regional water quality control board or boards and to the local planning entity where the well, including its subsurface portion, is located. The division shall also post the permit on the publicly accessible portion of its Internet Web site within five business days of issuing a permit.

(6)

(A) It is the policy of the state that a copy of the approved well stimulation treatment permit and information on the available water sampling and testing be provided to every tenant of the surface property and every surface property owner or authorized agent of that owner whose property line location is one of the following:

(i) Within a 1,500 foot radius of the wellhead.

(ii) Within 500 feet from the horizontal projection of all subsurface portions of the designated well to the surface.

(B)

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(i) The well owner or operator shall identify the area requiring notification and shall contract with an independent entity or person who is responsible for, and shall perform, the notification required pursuant to subparagraph (A).

(ii) The independent entity or person shall identify the individuals notified, the method of notification, the date of the notification, a list of those notified, and shall provide a list of this information to the division.

(iii) The performance of the independent entity or persons shall be subject to review and audit by the division.

(C) A well stimulation treatment shall not commence before 30 calendar days after the permit copies pursuant to subparagraph (A) are provided.

(7)

(A) A property owner notified pursuant to paragraph (6) may request water quality sampling and testing from a designated qualified contractor on any water well suitable for drinking or irrigation purposes and on any surface water suitable for drinking or irrigation purposes as follows:

(i) Baseline measurements prior to the commencement of the well stimulation treatment.

(ii) Followup measurements after the well stimulation treatment on the same schedule as the pressure testing of the well casing of the treated well.

(B) The State Water Resources Control Board shall designate one or more qualified independent third-party contractor or contractors that adhere to board-specified standards and protocols to perform the water sampling and testing. The well owner or operator shall pay for the sampling and testing. The sampling and testing performed shall be subject to audit and review by the State Water Resources Control Board or applicable regional water quality control board, as appropriate.

(C) The results of the water testing shall be provided to the division, appropriate regional water board, and the property owner or authorized agent. A tenant notified pursuant to paragraph (6) shall receive information on the results of the water testing to the extent authorized by his or her lease and, where the tenant has lawful use of the ground or surface water identified in subparagraph (A), the tenant may independently contract for similar groundwater or surface water testing.

(8) The division shall retain a list of the entities and property owners notified pursuant to paragraphs (5) and (6).

(9) The operator shall provide notice to the division at least 72 hours prior to the actual start of the well stimulation treatment in order for the division to witness the treatment.

(e) The Secretary of the Natural Resources Agency shall notify the Joint Legislative Budget Committee and the chairs of the Assembly Natural Resources, Senate Environmental Quality, and Senate Natural Resources and Water Committees on the progress of the independent scientific study on well stimulation and related activities. The first progress report shall be provided to the committees on or before April 1, 2014, and progress reports shall continue every

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four months thereafter until the independent study is completed, including a peer review of the study by independent scientific experts.

(f) If a well stimulation treatment is performed on a well, a supplier that performs any part of the stimulation or provides additives directly to the operator for a well stimulation treatment shall furnish the operator with information suitable for public disclosure needed for the operator to comply with subdivision (g). This information shall be provided as soon as possible but no later than 30 days following the conclusion of the well stimulation treatment.

(g)

(1) Within 60 days following cessation of a well stimulation treatment on a well, the operator shall post or cause to have posted to an Internet Web site designated or maintained by the division and accessible to the public, all of the well stimulation fluid composition and disposition information required to be collected pursuant to rules and regulations adopted under subdivision (b), including well identification number and location. This shall include the collected water quality data, which the operator shall report electronically to the State Water Resources Control Board.

(2)

(A) The division shall commence the process to develop an Internet Web site for operators to report the information required under this section. The Internet Web site shall be capable of organizing the reported information in a format, such as a spreadsheet, that allows the public to easily search and aggregate, to the extent practicable, each type of information required to be collected pursuant to subdivision (b) using search functions on that Internet Web site. The Internet Web site shall be functional within two years of the Department of Technology's approval of a Feasibility Study Report or appropriation authority to fund the development of the Internet Web site, whichever occurs latest, but no later than January 1, 2016.

(B) The division may direct reporting to an alternative Internet Web site developed by the Ground Water Protection Council and the Interstate Oil and Gas Compact Commission in the interim until such time as approval or appropriation authority pursuant to subparagraph (A) occur. Prior to the implementation of the division's Internet Web site, the division shall obtain the data reported by operators to the alternative Internet Web site and make it available in an organized electronic format to the public no later than 15 days after it is reported to the alternative Internet Web site.

(h) The operator is responsible for compliance with this section.

(i)

(1) All geologic features within a distance reflecting an appropriate safety factor of the fracture zone for well stimulation treatments that fracture the formation and that have the potential to either limit or facilitate the migration of fluids outside of the fracture zone shall be identified and added to the well history. Geologic features include seismic faults identified by the California Geologic Survey.

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(2) For the purposes of this section, the “fracture zone” is defined as the volume surrounding the well bore where fractures were created or enhanced by the well stimulation treatment. The safety factor shall be at least five and may vary depending upon geologic knowledge.

(3) The division shall review the geologic features important to assessing well stimulation treatments identified in the independent study pursuant to paragraph (5) of subdivision (a). Upon completion of the review, the division shall revise the regulations governing the reporting of geologic features pursuant to this subdivision accordingly.

(j)

(1) Public disclosure of well stimulation treatment fluid information claimed to contain trade secrets is governed by Section 1060 of the Evidence Code, or the Uniform Trade Secrets Act (Title 5 (commencing with Section 3426) of Part 1 of Division 4 of the Civil Code), and the California Public Records Act (Chapter 3.5 (commencing with Section 6250) of Division 7 of Title 1 of the Government Code).

(2) Notwithstanding any other law or regulation, none of the following information shall be protected as a trade secret:

(A) The identities of the chemical constituents of additives, including CAS identification numbers.

(B) The concentrations of the additives in the well stimulation treatment fluids.

(C) Any air or other pollution monitoring data.

(D) Health and safety data associated with well stimulation treatment fluids.

(E) The chemical composition of the flowback fluid.

(3) If a trade secret claim is invalid or invalidated, the division shall release the information to the public by revising the information released pursuant to subdivision (g). The supplier shall notify the division of any change in status within 30 days.

(4)

(A) If a supplier believes that information regarding a chemical constituent of a well stimulation fluid is a trade secret, the supplier shall nevertheless disclose the information to the division in conjunction with a well stimulation treatment permit application, if not previously disclosed, within 30 days following cessation of a well stimulation on a well, and shall notify the division in writing of that belief.

(B) A trade secret claim shall not be made after initial disclosure of the information to the division.

(C) To comply with the public disclosure requirements of this section, the supplier shall indicate where trade secret information has been withheld and provide substitute information for public disclosure. The substitute information shall be a list, in any order, of the chemical constituents of the additive, including CAS identification numbers. The division shall review and approve the supplied substitute information.

(D) This subdivision does not permit a supplier to refuse to disclose the information required pursuant to this section to the division.

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(5) In order to substantiate the trade secret claim, the supplier shall provide information to the division that shows all of the following:

(A) The extent to which the trade secret information is known by the supplier's employees and others involved in the supplier's business and outside the supplier's business.

(B) The measures taken by the supplier to guard the secrecy of the trade secret information.

(C) The value of the trade secret information to the supplier and its competitors.

(D) The amount of effort or money the supplier expended developing the trade secret information and the ease or difficulty with which the trade secret information could be acquired or duplicated by others.

(6) If the division determines that the information provided in support of a request for trade secret protection pursuant to paragraph (5) is incomplete, the division shall notify the supplier and the supplier shall have 30 days to complete the submission. An incomplete submission does not meet the substantive criteria for trade secret designation.

(7) If the division determines that the information provided in support of a request for trade secret protection does not meet the substantive criteria for trade secret designation, the department shall notify the supplier by certified mail of its determination. The division shall release the information to the public, but not earlier than 60 days after the date of mailing the determination, unless, prior to the expiration of the 60-day period, the supplier obtains an action in an appropriate court for a declaratory judgment that the information is subject to protection or for a preliminary injunction prohibiting disclosure of the information to the public and provides notice to the division of the court order.

(8) The supplier is not required to disclose trade secret information to the operator.

(9) Upon receipt of a request for the release of trade secret information to the public, the following procedure applies:

(A) The division shall notify the supplier of the request in writing by certified mail, return receipt requested.

(B) The division shall release the information to the public, but not earlier than 60 days after the date of mailing the notice of the request for information, unless, prior to the expiration of the 60-day period, the supplier obtains an action in an appropriate court for a declaratory judgment that the information is subject to protection or for a preliminary injunction prohibiting disclosure of the information to the public and provides notice to the division of that action.

(10) The division shall develop a timely procedure to provide trade secret information in the following circumstances:

(A) To an officer or employee of the division, the state, local governments, including, but not limited to, local air districts, or the United States, in connection with the official duties of that officer or employee, to a health professional under any law for the protection of health, or to contractors with the division or other government entities and their employees if, in the opinion of the division, disclosure is necessary and required for the satisfactory performance of a contract, for performance of work, or to protect health and safety.

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(B) To a health professional in the event of an emergency or to diagnose or treat a patient.

(C) In order to protect public health, to any health professional, toxicologist, or epidemiologist who is employed in the field of public health and who provides a written statement of need. The written statement of need shall include the public health purposes of the disclosure and shall explain the reason the disclosure of the specific chemical and its concentration is required.

(D) A health professional may share trade secret information with other persons as may be professionally necessary, in order to diagnose or treat a patient, including, but not limited to, the patient and other health professionals, subject to state and federal laws restricting disclosure of medical records including, but not limited to, Chapter 2 (commencing with Section 56.10) of Part 2.6 of Division 1 of the Civil Code.

(E) For purposes of this paragraph, "health professional" means any person licensed or certified pursuant to Division 2 (commencing with Section 500) of the Business and Professions Code, the Osteopathic Initiative Act, the Chiropractic Initiative Act, or the Emergency Medical Services System and the Prehospital Emergency Medical Care Personnel Act (Division 2.5 (commencing with Section 1797) of the Health and Safety Code).

(F) A person in possession of, or access to, confidential trade secret information pursuant to the provisions of this subdivision may disclose this information to any person who is authorized to receive it. A written confidentiality agreement shall not be required.

(k) A well granted confidential status pursuant to Section 3234 shall not be required to disclose well stimulation treatment fluid information pursuant to subdivision (g) until the confidential status of the well ceases. Notwithstanding the confidential status of a well, it is public information that a well will be or has been subject to a well stimulation treatment.

(l) The division shall perform random periodic spot check inspections to ensure that the information provided on well stimulation treatments is accurately reported, including that the estimates provided prior to the commencement of the well stimulation treatment are reasonably consistent with the well history.

(m) Where the division shares jurisdiction over a well or the well stimulation treatment on a well with a federal entity, the division's rules and regulations shall apply in addition to all applicable federal laws and regulations.

(n) This article does not relieve the division or any other agency from complying with any other provision of existing laws, regulations, and orders.

(o) Well stimulation treatments used for routine maintenance of wells associated with underground storage facilities where natural gas is injected into and withdrawn from depleted or partially depleted oil or gas reservoirs pursuant to subdivision (a) of Section 3403.5 are not subject to this section.

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Article 4. Regulation of Operations

§3227. Recycled Water use in oil and gas activities (Effective January 1, 2015.)

(a) The owner of any well shall file with the supervisor, on or before the last day of each month, for the last preceding calendar month, a statement, in the form designated by the supervisor, showing all of the following:

(1) The amount of oil and gas produced from each well during the period indicated, together with the gravity of the oil, the amount of water produced from each well, estimated in accordance with methods approved by the supervisor, and the number of days during which fluid was produced from each well.

(2) The number of wells drilling, producing, injecting, or idle, that are owned or operated by the person.

(3) What disposition was made of the gas produced from each field, including the names of persons, if any, to whom the gas was delivered, and any other information regarding the gas and its disposition that the supervisor may require.

(4) What disposition was made of water produced from each field and the amount of fluid or gas injected into each well used for enhanced recovery, underground storage of hydrocarbons, or wastewater disposal, and any other information regarding those wells that the supervisor may require.

(5) The source of water, and volume of any water, reported in paragraph (4), including the water used to generate or make up the composition of any injected fluid or gas. Water volumes shall be reported by water source if more than one water source is used. The volume of untreated water suitable for domestic or irrigation purposes shall be reported. Commingled water shall be proportionally assigned to individual wells, as appropriate.

(6) The treatment of water and the use of treated or recycled water in oil and gas field activities, including, but not limited to, exploration, development, and production.

(7)

(A) The specific disposition of all water used in or generated by oil and gas field activities, including water produced from each well reported pursuant to paragraph (1). Water volumes shall be reported by disposition method if more than one disposition method is used. Commingled water shall be proportionally assigned to individual wells, as appropriate.

(B) This information shall also include the temporary onsite storage of water, as or if appropriate, and the ultimate specific use, disposal method or method of recycling, or reuse of this water.

(b) Any operator that produces oil by the application of mining or other unconventional techniques shall file a report with the supervisor, on or before March 1 of each year, showing the amount of oil produced by those techniques in the preceding calendar year.

(c)

(1) Upon request and making a satisfactory showing therefor, a longer filing period may be established by the supervisor for any particular owner or operator.

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(2) Notwithstanding subdivision (a), the owner of any well shall file with the supervisor, on a quarterly basis, a statement containing the information required to be reported pursuant to paragraphs (5), (6), and (7) of subdivision (a) in the form designated by the supervisor.

(d) The division shall use a standardized form or format to facilitate reporting required pursuant to this section.

(e) The division shall use noncustom software, as feasible, to implement online reporting by the operator of the information required pursuant to paragraphs (5), (6), and (7) of subdivision (a). This information may be reported separately from other information required to be reported pursuant to this section.

(f) For purposes of this section, the following terms have the following meanings:

(1) "Source of water" or "water source" means any of the following:

(A) The well or wells, if commingled, from which the water was produced or extracted.

(B) The water supplier, if purchased or obtained from a supplier.

(C) The point of diversion of surface water.

(2) "Specific disposition of all water" means the identification of the ultimate specific use, disposal method or method of recycling, or reuse of the water. This includes, but is not limited to, the identification of any treatment or recycling method used, injection of the water into specific injection or disposal well or wells, if commingled, discharge of the water to surface water or sumps, and sale or transfer of the water to a named entity.

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WATER CODE

DIVISION 1. GENERAL STATE POWERS OVER WATER

Chapter 1. General State Policy

§106.3. Declaration

(a) It is hereby declared to be the established policy of the state that every human being has the right to safe, clean, affordable, and accessible water adequate for human consumption, cooking, and sanitary purposes.

(b) All relevant state agencies, including the department, the state board, and the State Department of Public Health, shall consider this state policy when revising, adopting, or establishing policies, regulations, and grant criteria when those policies, regulations, and criteria are pertinent to the uses of water described in this section.

(c) This section does not expand any obligation of the state to provide water or to require the expenditure of additional resources to develop water infrastructure beyond the obligations that may exist pursuant to subdivision (b).

(d) This section shall not apply to water supplies for new development.

(e) The implementation of this section shall not infringe on the rights or responsibilities of any public water system.

DIVISION 2. WATER

Part 1. General Provisions

Chapter 1. Definitions and Interpretation of Division

§1010. General Requirements

(a)

(1) The cessation of, or reduction in, the use of water under any existing right regardless of the basis of right, as the result of the use of recycled water, desalinated water, or water polluted by waste to a degree which unreasonably affects the water for other beneficial uses, is deemed equivalent to, and for purposes of maintaining any right shall be construed to constitute, a reasonable beneficial use of water to the extent and in the amount that the recycled, desalinated, or polluted water is being used not exceeding, however, the amount of such reduction.

(2) No lapse, reduction, or loss of any existing right shall occur under a cessation of, or reduction in, the use of water pursuant to this subdivision, and, to the extent and in the amount that recycled, desalinated, or polluted water is used in lieu of water appropriated by a permittee pursuant to Chapter 6 (commencing with Section 1375) of Part 2, the board shall not reduce the appropriation authorized in the user's permit.

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(3) The use of recycled, desalinated, or polluted water constitutes good cause under Section 1398 to extend the period specified in a permit for application of appropriated water to beneficial use to the extent and in the amount that recycled, desalinated, or polluted water is used. The extension by the board shall be granted upon the same terms as are set forth in the user's permit, and for a period sufficient to enable the permittee to perfect his appropriation, while continuing to use recycled, desalinated, or polluted water.

(4) The board, in issuing a license pursuant to Article 3 (commencing with Section 1610) of Chapter 9 of Part 2, shall not reduce the appropriation authorized by permit, to the extent and in the amount that reduction in a permittee's use, during the perfection period, including any extension as provided in this section, has resulted from the use of recycled, desalinated, or polluted water in lieu of the permittee's authorized appropriation.

(5) The board may require any user of water who seeks the benefit of this section to file periodic reports describing the extent and amount of the use of recycled, desalinated, or polluted water. To the maximum extent possible, the reports shall be made a part of other reports required by the board relating to the use of water.

(6) For purposes of this section, the term "recycled water" has the same meaning as in Division 7 (commencing with Section 13000).

(b) Water, or the right to the use of water, the use of which has ceased or been reduced as the result of the use of recycled, desalinated, or polluted water as described in subdivision (a), may be sold, leased, exchanged, or otherwise transferred pursuant to any provision of law relating to the transfer of water or water rights, including, but not limited to, provisions of law governing any change in point of diversion, place of use, and purpose of use due to the transfer.

DIVISION 6. CONSERVATION, DEVELOPMENT, AND UTILIZATION OF STATE WATER RESOURCES

Part 2.55. Sustainable Water Use and Demand Reduction

Chapter 1. General Declarations and Policy

§10608.4. General Declarations

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.

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- (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 efficient water management practices for agricultural water suppliers.
- (j) Support the economic productivity of California's agricultural, commercial, and industrial sectors.
- (k) Advance regional water resources management.

Chapter 2. Definitions

§10608.12. Definitions

Unless the context otherwise requires, the following definitions govern the construction of this part:

- (a) "Agricultural water supplier" means a water supplier, either publicly or privately owned, providing water to 10,000 or more irrigated acres, excluding recycled water. "Agricultural water supplier" includes a supplier or contractor for water, regardless of the basis of right, that distributes or sells water for ultimate resale to customers. "Agricultural water supplier" does not include the department.
- (b) "Base daily per capita water use" means any of the following:
 - (1) The urban retail water supplier's estimate of its average gross water use, reported in gallons per capita per day and calculated over a continuous 10-year period ending no earlier than December 31, 2004, and no later than December 31, 2010.
 - (2) For an urban retail water supplier that meets at least 10 percent of its 2008 measured retail water demand through recycled water that is delivered within the service area of an urban retail water supplier or its urban wholesale water supplier, the urban retail water supplier may extend the calculation described in paragraph (1) up to an additional five years to a maximum of a continuous 15-year period ending no earlier than December 31, 2004, and no later than December 31, 2010.

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(3) For the purposes of Section 10608.22, the urban retail water supplier's estimate of its average gross water use, reported in gallons per capita per day and calculated over a continuous five-year period ending no earlier than December 31, 2007, and no later than December 31, 2010.

(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.

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

(e) "Compliance daily per capita water use" means the gross water use during the final year of the reporting period, reported in gallons per capita per day.

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

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

(1) Recycled water that is delivered within the service area of an urban retail water supplier or its urban wholesale water supplier.

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

(3) The volume of water the urban retail water supplier conveys for use by another urban water supplier.

(4) The volume of water delivered for agricultural use, except as otherwise provided in subdivision (f) of Section 10608.24.

(h) "Industrial water user" means a water user that is primarily a manufacturer or processor of materials as defined by the North American Industry Classification System code sectors 31 to 33, inclusive, or an entity that is a water user primarily engaged in research and development.

(i) "Institutional water user" means a water user dedicated to public service. This type of user includes, among other users, higher education institutions, schools, courts, churches, hospitals, government facilities, and nonprofit research institutions.

(j) "Interim urban water use target" means 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.

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(k) "Locally cost effective" means that the present value of the local benefits of implementing an agricultural efficiency water management practice is greater than or equal to the present value of the local cost of implementing that measure.

(l) "Process water" means water used for producing a product or product content or water used for research and development, including, but not limited to, continuous manufacturing processes, water used for testing and maintaining equipment used in producing a product or product content, and water used in combined heat and power facilities used in producing a product or product content. Process water does not mean incidental water uses not related to the production of a product or product content, including, but not limited to, water used for restrooms, landscaping, air conditioning, heating, kitchens, and laundry.

(m) "Recycled water" means recycled water, as defined in subdivision (n) of Section 13050, that is used to offset potable demand, including recycled water supplied for direct use and indirect potable reuse, that meets the following requirements, where applicable:

(1) For groundwater recharge, including recharge through spreading basins, water supplies that are all of the following:

(A) Metered.

(B) Developed through planned investment by the urban water supplier or a wastewater treatment agency.

(C) Treated to a minimum tertiary level.

(D) Delivered within the service area of an urban retail water supplier or its urban wholesale water supplier that helps an urban retail water supplier meet its urban water use target.

(2) For reservoir augmentation, water supplies that meet the criteria of paragraph (1) and are conveyed through a distribution system constructed specifically for recycled water.

(n) "Regional water resources management" means sources of supply resulting from watershed-based planning for sustainable local water reliability or any of the following alternative sources of water:

(1) The capture and reuse of stormwater or rainwater.

(2) The use of recycled water.

(3) The desalination of brackish groundwater.

(4) The conjunctive use of surface water and groundwater in a manner that is consistent with the safe yield of the groundwater basin.

(o) "Reporting period" means the years for which an urban retail water supplier reports compliance with the urban water use targets.

(p) "Urban retail water supplier" means a water supplier, either publicly or privately owned, that directly provides potable municipal water to more than 3,000 end users or that supplies more than 3,000 acre-feet of potable water annually at retail for municipal purposes.

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(q) "Urban water use target" means the urban retail water supplier's targeted future daily per capita water use.

(r) "Urban wholesale water supplier," means a water supplier, either publicly or privately owned, that provides more than 3,000 acre-feet of water annually at wholesale for potable municipal purposes.

Chapter 3. Urban Retail Water Suppliers

§10608.43. Task Force

The department, in conjunction with the California Urban Water Conservation Council, by April 1, 2010, shall convene a representative task force consisting of academic experts, urban retail water suppliers, environmental organizations, commercial water users, industrial water users, and institutional water users to develop alternative best management practices for commercial, industrial, and institutional users and an assessment of the potential statewide water use efficiency improvement in the commercial, industrial, and institutional sectors that would result from implementation of these best management practices. The taskforce, in conjunction with the department, shall submit a report to the Legislature by April 1, 2012, that shall include a review of multiple sectors within commercial, industrial, and institutional users and that shall recommend water use efficiency standards for commercial, industrial, and institutional users among various sectors of water use. The report shall include, but not be limited to, the following:

(a) Appropriate metrics for evaluating commercial, industrial, and institutional water use.

(b) Evaluation of water demands for manufacturing processes, goods, and cooling.

(c) Evaluation of public infrastructure necessary for delivery of recycled water to the commercial, industrial, and institutional sectors.

(d) Evaluation of institutional and economic barriers to increased recycled water use within the commercial, industrial, and institutional sectors.

(e) Identification of technical feasibility and cost of the best management practices to achieve more efficient water use statewide in the commercial, industrial, and institutional sectors that is consistent with the public interest and reflects past investments in water use efficiency.

Chapter 4. Agricultural Water Suppliers

§10608.48. Agricultural Water Suppliers

(a) On or before July 31, 2012, an agricultural water supplier shall implement efficient water management practices pursuant to subdivisions (b) and (c).

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(b) Agricultural water suppliers shall implement all of the following critical efficient management practices:

(1) Measure the volume of water delivered to customers with sufficient accuracy to comply with subdivision (a) of Section 531.10 and to implement paragraph (2).

(2) Adopt a pricing structure for water customers based at least in part on quantity delivered.

(c) Agricultural water suppliers shall implement additional 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:

(1) Facilitate alternative land use for lands with exceptionally high water duties or whose irrigation contributes to significant 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-farm irrigation systems.

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

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

(B) Conjunctive use of groundwater.

(C) Appropriate increase of groundwater recharge.

(D) Reduction in problem drainage.

(E) Improved management of environmental resources.

(F) Effective management of all water sources throughout the year by adjusting seasonal pricing structures based on current conditions.

(5) Expand line or pipe distribution systems, and construct regulatory reservoirs to increase distribution system flexibility and capacity, decrease maintenance, and reduce seepage.

(6) Increase flexibility in water ordering by, and delivery to, water customers within operational limits.

(7) Construct and operate supplier spill and tailwater recovery systems.

(8) Increase planned conjunctive use of surface water and groundwater within the supplier service area.

(9) Automate canal control structures.

(10) Facilitate or promote customer pump testing and evaluation.

(11) Designate a water conservation coordinator who will develop and implement the water management plan and prepare progress reports.

(12) Provide for the availability of water management services to water users. These services may include, but are not limited to, all of the following:

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

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

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

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

(13) Evaluate the policies of agencies that provide the supplier with water to identify the potential for institutional changes to allow more flexible water deliveries and storage.

(14) Evaluate and improve the efficiencies of the supplier's pumps.

(d) Agricultural water suppliers shall include in the agricultural water management plans required pursuant to Part 2.8 (commencing with Section 10800) a report on which efficient water management practices have been implemented and are planned to be implemented, an estimate of the water use efficiency improvements that have occurred since the last report, and an estimate of the water use efficiency improvements estimated to occur five and 10 years in the future. If an agricultural water supplier determines that an efficient water management practice is not locally cost effective or technically feasible, the supplier shall submit information documenting that determination.

(e) The data shall be reported using a standardized form developed pursuant to Section 10608.52.

(f) An agricultural water supplier may meet the requirements of subdivisions (d) and (e) by submitting to the department a water conservation plan submitted to the United States Bureau of Reclamation that meets the requirements described in Section 10828.

(g) On or before December 31, 2013, December 31, 2016, and December 31, 2021, the department, in consultation with the board, shall submit to the Legislature a report on the agricultural efficient water management practices that have been implemented and are planned to be implemented and an assessment of the manner in which the implementation of those efficient water management practices has affected and will affect agricultural operations, including estimated water use efficiency improvements, if any.

(h) The department may update the efficient water management practices required pursuant to subdivision (c), in consultation with the Agricultural Water Management Council, the United States Bureau of Reclamation, and the board. All efficient water management practices for agricultural water use pursuant to this chapter shall 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.

(i)

(1) The department shall adopt regulations that provide for a range of options that agricultural water suppliers may use or implement to comply with the measurement requirement in paragraph (1) of subdivision (b).

(2) The initial adoption of a regulation authorized by this subdivision is deemed to address an emergency, for purposes of Sections 11346.1 and 11349.6 of the Government Code,

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and the department is hereby exempted for that purpose from the requirements of subdivision (b) of Section 11346.1 of the Government Code. After the initial adoption of an emergency regulation pursuant to this subdivision, the department shall not request approval from the Office of Administrative Law to readopt the regulation as an emergency regulation pursuant to Section 11346.1 of the Government Code.

Chapter 5. Sustainable Water Management

§10608.50. Sustainable Water Management

(a) The department, in consultation with the board, shall promote implementation of regional water resources management practices through increased incentives and removal of barriers consistent with state and federal law. Potential changes may include, but are not limited to, all of the following:

- (1) Revisions to the requirements for urban and agricultural water management plans.
- (2) Revisions to the requirements for integrated regional water management plans.
- (3) Revisions to the eligibility for state water management grants and loans.
- (4) Revisions to state or local permitting requirements that increase water supply opportunities, but do not weaken water quality protection under state and federal law.
- (5) Increased funding for research, feasibility studies, and project construction.
- (6) Expanding technical and educational support for local land use and water management agencies.

(b) No later than January 1, 2011, and updated as part of the California Water Plan, the department, in consultation with the board, and with public input, shall propose new statewide targets, or review and update existing statewide targets, for regional water resources management practices, including, but not limited to, recycled water, brackish groundwater desalination, and infiltration and direct use of urban stormwater runoff.

Chapter 6. Standardized Data Collection

§10608.52. Standardized Data Collection

(a) The department, in consultation with the board, the California Bay-Delta Authority or its successor agency, 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 achieving targets on a regional basis as provided in subdivision (a) of Section 10608.28.

(b) At a minimum, the form shall be developed to accommodate information sufficient to assess an urban water supplier's compliance with conservation targets pursuant to Section 10608.24 and an agricultural water supplier's compliance with implementation of efficient water management practices pursuant to subdivision (a) of Section 10608.48. The form shall

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accommodate reporting by urban water suppliers on an individual or regional basis as provided in subdivision (a) of Section 10608.28.

Part 2.6. Urban Water Management Planning

Chapter 1. General Declaration and Policy

§10610. Urban Water Management Planning Act

This part shall be known and may be cited as the "Urban Water Management Planning Act."

§10610.2. Legislative Findings

(a) The Legislature finds and declares all of the following:

(1) The waters of the state are a limited and renewable resource subject to ever-increasing demands.

(2) The conservation and efficient use of urban water supplies are of statewide concern; however, the planning for that use and the implementation of those plans can best be accomplished at the local level.

(3) A long-term, reliable supply of water is essential to protect the productivity of California's businesses and economic climate.

(4) As part of its long-range planning activities, every urban water supplier should make every effort to ensure the appropriate level of reliability in its water service sufficient to meet the needs of its various categories of customers during normal, dry, and multiple dry water years.

(5) Public health issues have been raised over a number of contaminants that have been identified in certain local and imported water supplies.

(6) Implementing effective water management strategies, including groundwater storage projects and recycled water projects, may require specific water quality and salinity targets for meeting groundwater basins water quality objectives and promoting beneficial use of recycled water.

(7) Water quality regulations are becoming an increasingly important factor in water agencies' selection of raw water sources, treatment alternatives, and modifications to existing treatment facilities.

(8) Changes in drinking water quality standards may also impact the usefulness of water supplies and may ultimately impact supply reliability.

(9) The quality of source supplies can have a significant impact on water management strategies and supply reliability.

(b) This part is intended to provide assistance to water agencies in carrying out their long-term resource planning responsibilities to ensure adequate water supplies to meet existing and future demands for water.

§10610.4. Legislative Findings

The Legislature finds and declares that it is the policy of the state as follows:

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(a) The management of urban water demands and efficient use of water shall be actively pursued to protect both the people of the state and their water resources.

(b) The management of urban water demands and efficient use of urban water supplies shall be a guiding criterion in public decisions.

(c) Urban water suppliers shall be required to develop water management plans to actively pursue the efficient use of available supplies.

Chapter 2. Definitions

§10611. Definitions

Unless the context otherwise requires, the definitions of this chapter govern the construction of this part.

§10611.5. Demand management

"Demand management" 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.

§10612. Customer

"Customer" means a purchaser of water from a water supplier who uses the water for municipal purposes, including residential, commercial, governmental, and industrial uses.

§10613. Efficient use

"Efficient use" means those management measures that result in the most effective use of water so as to prevent its waste or unreasonable use or unreasonable method of use.

§10614. Person

"Person" means any individual, firm, association, organization, partnership, business, trust, corporation, company, public agency, or any agency of such an entity.

§10615. Plan

"Plan" means an urban water management plan prepared pursuant to this part. A plan shall describe and evaluate sources of supply, reasonable and practical efficient uses, reclamation and demand management activities. The components of the plan may vary according to an individual community or area's characteristics and its capabilities to efficiently use and conserve water. The plan shall address measures for residential, commercial, governmental, and industrial water demand management as set forth in Article 2 (commencing with Section 10630) of Chapter 3. In addition, a strategy and time schedule for implementation shall be included in the plan.

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§10616. Public agency

"Public agency" means any board, commission, county, city and county, city, regional agency, district, or other public entity.

§10616.5. Recycled water

"Recycled water" means the reclamation and reuse of wastewater for beneficial use.

§10617. Urban water supplier

"Urban water supplier" means a supplier, either publicly or privately owned, providing water for municipal purposes either directly or indirectly to more than 3,000 customers or supplying more than 3,000 acre-feet of water annually. An urban water supplier includes a supplier or contractor for water, regardless of the basis of right, which distributes or sells for ultimate resale to customers. This part applies only to water supplied from public water systems subject to Chapter 4 (commencing with Section 116275) of Part 12 of Division 104 of the Health and Safety Code.

Chapter 3. Urban Water Management Plans

Article 1. General Provisions

§10620. Requirement for Urban Water Management Plan

(a) Every urban water supplier shall prepare and adopt an urban water management plan in the manner set forth in Article 3 (commencing with Section 10640).

(b) Every person that becomes an urban water supplier shall adopt an urban water management plan within one year after it has become an urban water supplier.

(c) An urban water supplier indirectly providing water shall not include planning elements in its water management plan as provided in Article 2 (commencing with Section 10630) that would be applicable to urban water suppliers or public agencies directly providing water, or to their customers, without the consent of those suppliers or public agencies.

(d)

(1) An urban water supplier may satisfy the requirements of this part by participation in areawide, regional, watershed, or basinwide urban water management planning where those plans will reduce preparation costs and contribute to the achievement of conservation and efficient water use.

(2) Each urban water supplier shall coordinate the preparation of its plan with other appropriate agencies in the area, including other water suppliers that share a common source, water management agencies, and relevant public agencies, to the extent practicable.

(e) The urban water supplier may prepare the plan with its own staff, by contract, or in cooperation with other governmental agencies.

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(f) An urban water supplier shall describe in the plan water management tools and options used by that entity that will maximize resources and minimize the need to import water from other regions.

§10621. Plan Updates (Amended effective January 1, 2016.)

(a) Each urban water supplier shall update its plan at least once every five years on or before December 31, in years ending in five and zero, except as provided in subdivisions (d) and (e).

(b) Every urban water supplier required to prepare a plan pursuant to this part shall, at least 60 days before the public hearing on the plan required by Section 10642, notify any city or county within which the supplier provides water supplies that the urban water supplier will be reviewing the plan and considering amendments or changes to the plan. The urban water supplier may consult with, and obtain comments from, any city or county that receives notice pursuant to this subdivision.

(c) The amendments to, or changes in, the plan shall be adopted and filed in the manner set forth in Article 3 (commencing with Section 10640).

(d) Each urban water supplier shall update and submit its 2015 plan to the department by July 1, 2016.

(e) Each urban water supplier shall update and submit its 2020 plan to the department by July 1, 2021.

Article 2. Contents of Plans

§10630. Legislative intent

It is the intention of the Legislature, in enacting this part, to permit levels of water management planning commensurate with the numbers of customers served and the volume of water supplied.

§10631. Requirements for plan (Amended effective January 1, 2015.)

A plan shall be adopted in accordance with this chapter that shall do all of the following:

(a) Describe the service area of the supplier, including current and projected population, climate, and other demographic factors affecting the supplier's water management planning. The projected population estimates shall be based upon data from the state, regional, or local service agency population projections within the service area of the urban water supplier and shall be in five-year increments to 20 years or as far as data is available.

(b) Identify and quantify, to the extent practicable, the existing and planned sources of water available to the supplier over the same five-year increments described in subdivision (a). If

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groundwater is identified as an existing or planned source of water available to the supplier, all of the following information shall be included in the plan:

(1) A copy of any groundwater management plan adopted by the urban water supplier, including plans adopted pursuant to Part 2.75 (commencing with Section 10750), or any other specific authorization for groundwater management.

(2) A description of any groundwater basin or basins from which the urban water supplier pumps groundwater. For basins that a court or the board has adjudicated the rights to pump groundwater, a copy of the order or decree adopted by the court or the board and a description of the amount of groundwater the urban water supplier has the legal right to pump under the order or decree. For basins that have not been adjudicated, information as to whether the department has identified the basin or basins as overdrafted or has projected that the basin will become overdrafted if present management conditions continue, in the most current official departmental bulletin that characterizes the condition of the groundwater basin, and a detailed description of the efforts being undertaken by the urban water supplier to eliminate the long-term overdraft condition.

(3) A detailed description and analysis of the location, amount, and sufficiency of groundwater pumped by the urban water supplier for the past five years. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(4) A detailed description and analysis of the amount and location of groundwater that is projected to be pumped by the urban water supplier. The description and analysis shall be based on information that is reasonably available, including, but not limited to, historic use records.

(c)

(1) Describe the reliability of the water supply and vulnerability to seasonal or climatic shortage, to the extent practicable, and provide data for each of the following:

(A) An average water year.

(B) A single-dry water year.

(C) Multiple-dry water years.

(2) For any water source that may not be available at a consistent level of use, given specific legal, environmental, water quality, or climatic factors, describe plans to supplement or replace that source with alternative sources or water demand management measures, to the extent practicable.

(d) Describe the opportunities for exchanges or transfers of water on a short-term or long-term basis.

(e)

(1) Quantify, to the extent records are available, past and current water use, over the same five-year increments described in subdivision (a), and projected water use, identifying the uses among water use sectors, including, but not necessarily limited to, all of the following uses:

(A) Single-family residential.

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- (B) Multifamily.
- (C) Commercial.
- (D) Industrial.
- (E) Institutional and governmental.
- (F) Landscape.
- (G) Sales to other agencies.

(H) Saline water intrusion barriers, groundwater recharge, or conjunctive use, or any combination thereof.

- (I) Agricultural.
- (J) Distribution system water loss.

(2) The water use projections shall be in the same five-year increments described in subdivision (a).

(3)

(A) For the 2015 urban water management plan update, the distribution system water loss shall be quantified for the most recent 12-month period available. For all subsequent updates, the distribution system water loss shall be quantified for each of the five years preceding the plan update.

(B) The distribution system water loss quantification shall be reported in accordance with a worksheet approved or developed by the department through a public process. The water loss quantification worksheet shall be based on the water system balance methodology developed by the American Water Works Association.

(4)

(A) If available and applicable to an urban water supplier, water use projections may display and account for the water savings estimated to result from adopted codes, standards, ordinances, or transportation and land use plans identified by the urban water supplier, as applicable to the service area.

(B) To the extent that an urban water supplier reports the information described in subparagraph (A), an urban water supplier shall do both of the following:

(i) Provide citations of the various codes, standards, ordinances, or transportation and land use plans utilized in making the projections.

(ii) Indicate the extent that the water use projections consider savings from codes, standards, ordinances, or transportation and land use plans. Water use projections that do not account for these water savings shall be noted of that fact.

(f) Provide a description of the supplier's water demand management measures. This description shall include all of the following:

(1)

(A) For an urban retail water supplier, as defined in Section 10608.12, a narrative description that addresses the nature and extent of each water demand management measure implemented over the past five years. The narrative shall describe the water demand management measures that the supplier plans to implement to achieve its water use targets pursuant to Section 10608.20.

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(B) The narrative pursuant to this paragraph shall include descriptions of the following water demand management measures:

- (i) Water waste prevention ordinances.
- (ii) Metering.
- (iii) Conservation pricing.
- (iv) Public education and outreach.
- (v) Programs to assess and manage distribution system real loss.
- (vi) Water conservation program coordination and staffing support.
- (vii) Other demand management measures that have a significant impact on water use as measured in gallons per capita per day, including innovative measures, if implemented.

(2) For an urban wholesale water supplier, as defined in Section 10608.12, a narrative description of the items in clauses (ii), (iv), (vi), and (vii) of subparagraph (B) of paragraph (1), and a narrative description of its distribution system asset management and wholesale supplier assistance programs.

(g) Include a description of all water supply projects and water supply programs that may be undertaken by the urban water supplier to meet the total projected water use, as established pursuant to subdivision (a) of Section 10635. The urban water supplier shall include a detailed description of expected future projects and programs that the urban water supplier may implement to increase the amount of the water supply available to the urban water supplier in average, single-dry, and multiple-dry water years. The description shall identify specific projects and include a description of the increase in water supply that is expected to be available from each project. The description shall include an estimate with regard to the implementation timeline for each project or program.

(h) Describe the opportunities for development of desalinated water, including, but not limited to, ocean water, brackish water, and groundwater, as a long-term supply.

(i) For purposes of this part, urban water suppliers that are members of the California Urban Water Conservation Council shall be deemed in compliance with the requirements of subdivision (f) by complying with all the provisions of the "Memorandum of Understanding Regarding Urban Water Conservation in California," dated December 10, 2008, as it may be amended, and by submitting the annual reports required by Section 6.2 of that memorandum.

(j) An urban water supplier that relies upon a wholesale agency for a source of water shall provide the wholesale agency with water use projections from that agency for that source of water in five-year increments to 20 years or as far as data is available. The wholesale agency shall provide information to the urban water supplier for inclusion in the urban water supplier's plan that identifies and quantifies, to the extent practicable, the existing and planned sources of water as required by subdivision (b), available from the wholesale agency to the urban water supplier over the same five-year increments, and during various water-year types in accordance with subdivision (c). An urban water supplier may rely upon water supply information provided

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by the wholesale agency in fulfilling the plan informational requirements of subdivisions (b) and (c).

§10631.1. Water Use Projections

(a) The water use projections required by Section 10631 shall include projected water use for single-family and multifamily residential housing needed for lower income households, as defined in Section 50079.5 of the Health and Safety Code, as identified in the housing element of any city, county, or city and county in the service area of the supplier.

(b) It is the intent of the Legislature that the identification of projected water use for single-family and multifamily residential housing for lower income households will assist a supplier in complying with the requirement under Section 65589.7 of the Government Code to grant a priority for the provision of service to housing units affordable to lower income households.

§10631.2. Urban Water Management Plan additions (Effective January 1, 2015.)

(a) In addition to the requirements of Section 10631, an urban water management plan may, but is not required to, include any of the following information:

- (1) An estimate of the amount of energy used to extract or divert water supplies.
- (2) An estimate of the amount of energy used to convey water supplies to the water treatment plants or distribution systems.
- (3) An estimate of the amount of energy used to treat water supplies.
- (4) An estimate of the amount of energy used to distribute water supplies through its distribution systems.
- (5) An estimate of the amount of energy used for treated water supplies in comparison to the amount used for nontreated water supplies.
- (6) An estimate of the amount of energy used to place water into or withdraw from storage.
- (7) Any other energy-related information the urban water supplier deems appropriate.

(b) The department shall include in its guidance for the preparation of urban water management plans a methodology for the voluntary calculation or estimation of the energy intensity of urban water systems. The department may consider studies and calculations conducted by the Public Utilities Commission in developing the methodology.

§10631.7. Independent Technical Panel

The department, in consultation with the California Urban Water Conservation Council, shall convene an independent technical panel to provide information and recommendations to the department and the Legislature on new demand management measures, technologies, and approaches. The panel shall consist of no more than seven members, who shall be selected by the department to reflect a balanced representation of experts. The panel shall have at least one, but no more than two, representatives from each of the following: retail water suppliers, environmental organizations, the business community, wholesale water suppliers, and academia.

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The panel shall be convened by January 1, 2009, and shall report to the Legislature no later than January 1, 2010, and every five years thereafter. The department shall review the panel report and include in the final report to the Legislature the department's recommendations and comments regarding the panel process and the panel's recommendations.

§10632. Water Shortage Contingency (Amended effective January 1, 2015.)

(a) The plan shall provide an urban water shortage contingency analysis that includes each of the following elements that are within the authority of the urban water supplier:

(1) Stages of action to be undertaken by the urban water supplier in response to water supply shortages, including up to a 50 percent reduction in water supply, and an outline of specific water supply conditions that are applicable to each stage.

(2) An estimate of the minimum water supply available during each of the next three water years based on the driest three-year historic sequence for the agency's water supply.

(3) Actions to be undertaken by the urban water supplier to prepare for, and implement during, a catastrophic interruption of water supplies including, but not limited to, a regional power outage, an earthquake, or other disaster.

(4) Additional, mandatory prohibitions against specific water use practices during water shortages, including, but not limited to, prohibiting the use of potable water for street cleaning.

(5) Consumption reduction methods in the most restrictive stages. Each urban water supplier may use any type of consumption reduction methods in its water shortage contingency analysis that would reduce water use, are appropriate for its area, and have the ability to achieve a water use reduction consistent with up to a 50 percent reduction in water supply.

(6) Penalties or charges for excessive use, where applicable.

(7) An analysis of the impacts of each of the actions and conditions described in paragraphs (1) to (6), inclusive, on the revenues and expenditures of the urban water supplier, and proposed measures to overcome those impacts, such as the development of reserves and rate adjustments.

(8) A draft water shortage contingency resolution or ordinance.

(9) A mechanism for determining actual reductions in water use pursuant to the urban water shortage contingency analysis.

(b) Commencing with the urban water management plan update due July 1, 2016, for purposes of developing the water shortage contingency analysis pursuant to subdivision (a), the urban water supplier shall analyze and define water features that are artificially supplied with water, including ponds, lakes, waterfalls, and fountains, separately from swimming pools and spas, as defined in subdivision (a) of Section 115921 of the Health and Safety Code.

§10632.5. Additional plan requirements (Amended effective January 1, 2016.)

(a) In addition to the requirements of paragraph (3) of subdivision (a) of Section 10632, beginning January 1, 2020, the plan shall include a seismic risk assessment and mitigation plan to assess the vulnerability of each of the various facilities of a water system and mitigate those vulnerabilities.

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(b) An urban water supplier shall update the seismic risk assessment and mitigation plan when updating its urban water management plan as required by Section 10621.

(c) An urban water supplier may comply with this section by submitting, pursuant to Section 10644, a copy of the most recent adopted local hazard mitigation plan or multihazard mitigation plan under the federal Disaster Mitigation Act of 2000 (Public Law 106-390) if the local hazard mitigation plan or multihazard mitigation plan addresses seismic risk.

§10633. Information on recycled water

The plan shall provide, to the extent available, information on recycled water and its potential for use as a water source in the service area of the urban water supplier. The preparation of the plan shall be coordinated with local water, wastewater, groundwater, and planning agencies that operate within the supplier's service area, and shall include all of the following:

(a) A description of the wastewater collection and treatment systems in the supplier's service area, including a quantification of the amount of wastewater collected and treated and the methods of wastewater disposal.

(b) A description of the quantity of treated wastewater that meets recycled water standards, is being discharged, and is otherwise available for use in a recycled water project.

(c) A description of the recycled water currently being used in the supplier's service area, including, but not limited to, the type, place, and quantity of use.

(d) A description and quantification of the potential uses of recycled water, including, but not limited to, agricultural irrigation, landscape irrigation, wildlife habitat enhancement, wetlands, industrial reuse, groundwater recharge, and other appropriate uses, and a determination with regard to the technical and economic feasibility of serving those uses.

(e) The projected use of recycled water within the supplier's service area at the end of 5, 10, 15, and 20 years, and a description of the actual use of recycled water in comparison to uses previously projected pursuant to this subdivision.

(f) A description of actions, including financial incentives, which may be taken to encourage the use of recycled water, and the projected results of these actions in terms of acre-feet of recycled water used per year.

(g) A plan for optimizing the use of recycled water in the supplier's service area, including actions to facilitate the installation of dual distribution systems, to promote recirculating uses, to facilitate the increased use of treated wastewater that meets recycled water standards, and to overcome any obstacles to achieving that increased use.

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§10634. Quantity of Sources

The plan shall include information, to the extent practicable, relating to the quality of existing sources of water available to the supplier over the same five-year increments as described in subdivision (a) of Section 10631, and the manner in which water quality affects water management strategies and supply reliability.

Article 2.5 Water Service Reliability

§10635. Assessment of water reliability

(a) Every urban water supplier shall include, as part of its urban water management plan, an assessment of the reliability of its water service to its customers during normal, dry, and multiple dry water years. This water supply and demand assessment shall compare the total water supply sources available to the water supplier with the total projected water use over the next 20 years, in five-year increments, for a normal water year, a single dry water year, and multiple dry water years. The water service reliability assessment shall be based upon the information compiled pursuant to Section 10631, including available data from state, regional, or local agency population projections within the service area of the urban water supplier.

(b) The urban water supplier shall provide that portion of its urban water management plan prepared pursuant to this article to any city or county within which it provides water supplies no later than 60 days after the submission of its urban water management plan.

(c) Nothing in this article is intended to create a right or entitlement to water service or any specific level of water service.

(d) Nothing in this article is intended to change existing law concerning an urban water supplier's obligation to provide water service to its existing customers or to any potential future customers.

Article 3. Adoption and Implementation of Plans

§10640. Requirements for urban water supplier

Every urban water supplier required to prepare a plan pursuant to this part shall prepare its plan pursuant to Article 2 (commencing with Section 10630).

The supplier shall likewise periodically review the plan as required by Section 10621, and any amendments or changes required as a result of that review shall be adopted pursuant to this article.

§10641. Consultation with agencies

An urban water supplier required to prepare a plan may consult with, and obtain comments from, any public agency or state agency or any person who has special expertise with respect to water demand management methods and techniques.

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§10642. Encouraging community participation

Each urban water supplier shall encourage the active involvement of diverse social, cultural, and economic elements of the population within the service area prior to and during the preparation of the plan. Prior to adopting a plan, the urban water supplier shall make the plan available for public inspection and shall hold a public hearing thereon. Prior to the hearing, notice of the time and place of hearing shall be published within the jurisdiction of the publicly owned water supplier pursuant to Section 6066 of the Government Code. The urban water supplier shall provide notice of the time and place of hearing to any city or county within which the supplier provides water supplies. A privately owned water supplier shall provide an equivalent notice within its service area. After the hearing, the plan shall be adopted as prepared or as modified after the hearing.

§10643. Implementation

An urban water supplier shall implement its plan adopted pursuant to this chapter in accordance with the schedule set forth in its plan.

§10644. Submission of plan (Amended effective January 1, 2016.)

(a)

(1) An urban water supplier shall submit to the department, the California State Library, and any city or county within which the supplier provides water supplies a copy of its plan no later than 30 days after adoption. Copies of amendments or changes to the plans shall be submitted to the department, the California State Library, and any city or county within which the supplier provides water supplies within 30 days after adoption.

(2) The plan, or amendments to the plan, submitted to the department pursuant to paragraph (1) shall be submitted electronically and shall include any standardized forms, tables, or displays specified by the department.

(b)

(1)

(A) Notwithstanding Section 10231.5 of the Government Code, and except as provided in subparagraph (B), the department shall prepare and submit to the Legislature, on or before December 31, in the years ending in six and one, a report summarizing the status of the plans adopted pursuant to this part. The report prepared by the department shall identify the exemplary elements of the individual plans. The department shall provide a copy of the report to each urban water supplier that has submitted its plan to the department. The department shall also prepare reports and provide data for any legislative hearings designed to consider the effectiveness of plans submitted pursuant to this part.

(B) The department shall submit the report to the Legislature for the 2015 plans by July 1, 2017, and the report to the Legislature for the 2020 plans by July 1, 2022.

(2) A report to be submitted pursuant to paragraph (1) shall be submitted in compliance with Section 9795 of the Government Code.

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(c)

(1) For the purpose of identifying the exemplary elements of the individual plans, the department shall identify in the report water demand management measures adopted and implemented by specific urban water suppliers, and identified pursuant to Section 10631, that achieve water savings significantly above the levels established by the department to meet the requirements of Section 10631.5.

(2) The department shall distribute to the panel convened pursuant to Section 10631.7 the results achieved by the implementation of those water demand management measures described in paragraph (1).

(3) The department shall make available to the public the standard the department will use to identify exemplary water demand management measures.

§10645. Availability for public review.

Not later than 30 days after filing a copy of its plan with the department, the urban water supplier and the department shall make the plan available for public review during normal business hours.

Chapter 4. Miscellaneous Provisions

§10650. Commencement of actions

Any actions or proceedings to attack, review, set aside, void, or annul the acts or decisions of an urban water supplier on the grounds of noncompliance with this part shall be commenced as follows:

(a) An action or proceeding alleging failure to adopt a plan shall be commenced within 18 months after that adoption is required by this part.

(b) 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 90 days after filing of the plan or amendment thereto pursuant to Section 10644 or the taking of that action.

§10651. Extent of actions

In any action or proceeding to attack, review, set aside, void, or annul a plan, or an action taken pursuant to the plan by an urban water supplier on the grounds of noncompliance with this part, the inquiry shall extend only to whether there was a prejudicial abuse of discretion. Abuse of discretion is established if the supplier has not proceeded in a manner required by law or if the action by the water supplier is not supported by substantial evidence.

§10652. CEQA Exemption

The California Environmental Quality Act (Division 13) (commencing with Section 21000) of the Public Resources Code) does not apply to the preparation and adoption of plans pursuant to this part or to the implementation of actions taken pursuant to Section 10632. Nothing in this part shall be interpreted as exempting from the California Environmental Quality Act any project

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that would significantly affect water supplies for fish and wildlife, or any project for implementation of the plan, other than projects implementing Section 10632, or any project for expanded or additional water supplies.

§10653. Adoption of Plan and legal requirements

The adoption of a plan shall satisfy any requirements of state law, regulation, or order, including those of the State Water Resources Control Board and the Public Utilities Commission, for the preparation of water management plans or conservation plans; provided, that if the State Water Resources Control Board or the Public Utilities Commission requires additional information concerning water conservation to implement its existing authority, nothing in this part shall be deemed to limit the board or the commission in obtaining that information. The requirements of this part shall be satisfied by any urban water demand management plan prepared to meet federal laws or regulations after the effective date of this part, and which substantially meets the requirements of this part, or by any existing urban water management plan which includes the contents of a plan required under this part.

§10654. Cost recovery.

An urban water supplier may recover in its rates the costs incurred in preparing its plan and implementing the reasonable water conservation measures included in the plan. Any best water management practice that is included in the plan that is identified in the "Memorandum of Understanding Regarding Urban Water Conservation in California" is deemed to be reasonable for the purposes of this section.

§10655. Invalidation of any provisions

If any provision of this part or the application thereof to any person or circumstances is held invalid, that invalidity shall not affect other provisions or applications of this part which can be given effect without the invalid provision or application thereof, and to this end the provisions of this part are severable.

§10656. Failure to produce a plan

An urban water supplier that does not prepare, adopt, and submit its urban water management plan to the department in accordance with this part, is ineligible to receive funding pursuant to Division 24 (commencing with Section 78500) or Division 26 (commencing with Section 79000), or receive drought assistance from the state until the urban water management plan is submitted pursuant to this article.

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Part 2.75. Groundwater Management

Chapter 2. Definitions

§10752. Definitions

Unless the context otherwise requires, the following definitions govern the construction of this part:

(a) "Groundwater" means all water beneath the surface of the earth within the zone below the water table in which the soil is completely saturated with water, but does not include water that flows in known and definite channels.

(b) "Groundwater basin" means any basin or subbasin identified in the department's Bulletin No. 118, dated September 1975, and any amendments to that bulletin, but does not include a basin in which the average well yield, excluding domestic wells that supply water to a single-unit dwelling, is less than 100 gallons per minute.

(c) "Groundwater extraction facility" means a device or method for the extraction of groundwater within a groundwater basin.

(d) "Groundwater management plan" or "plan" means a document that describes the activities intended to be included in a groundwater management program.

(e) "Groundwater management program" or "program" means a coordinated and ongoing activity undertaken for the benefit of a groundwater basin, or a portion of a groundwater basin, pursuant to a groundwater management plan adopted pursuant to this part.

(f) "Groundwater recharge" means the augmentation of groundwater, by natural or artificial means, with surface water or recycled water.

(g) "Local agency" means a local public agency that provides water service to all or a portion of its service area, and includes a joint powers authority formed by local public agencies that provide water service.

(h) "Person" has the same meaning as defined in Section 19.

(i) "Recharge area" means the area that supplies water to an aquifer in a groundwater basin and includes multiple wellhead protection areas.

(j) "Watermaster" means a watermaster appointed by a court or pursuant to other provisions of law.

(k) "Wellhead protection area" means the surface and subsurface area surrounding a water well or well field that supplies a public water system through which contaminants are reasonably likely to migrate toward the water well or well field.

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Part 2.76. Groundwater Quality Monitoring

§10780.

This part shall be known and may be cited as the Groundwater Quality Monitoring Act of 2001.

§10781.

In order to improve comprehensive groundwater monitoring and increase the availability to the public of information about groundwater contamination, the state board, in consultation with other responsible agencies, as specified in this section, shall do all of the following:

(a) Integrate existing monitoring programs and design new program elements as necessary to establish a comprehensive monitoring program capable of assessing each groundwater basin in the state through direct and other statistically reliable sampling approaches. The interagency task force established pursuant to subdivision (b) shall determine the constituents to be included in the monitoring program. In designing the comprehensive monitoring program, the state board, among other things, shall integrate projects established in response to the Supplemental Report of the 1999 Budget Act, strive to take advantage of and incorporate existing data whenever possible, and prioritize groundwater basins that supply drinking water.

(b)

(1) Create an interagency task force for all of the following purposes:

(A) Identifying actions necessary to establish the monitoring program.

(B) Identifying measures to increase coordination among state and federal agencies that collect information regarding groundwater contamination in the state.

(C) Designing a database capable of supporting the monitoring program that is compatible with the state board's geotracker database.

(D) Assessing the scope and nature of necessary monitoring enhancements.

(E) Identifying the cost of any recommended measures.

(F) Identifying the means by which to make monitoring information available to the public.

(2) The interagency task force shall consist of a representative of each of the following entities:

(A) The state board.

(B) The department.

(C) The State Department of Health Services.

(D) The Department of Pesticide Regulation.

(E) The Department of Toxic Substances Control.

(F) The Department of Food and Agriculture.

(c) Convene an advisory committee to the interagency task force, with a membership that includes all of the following:

(1) Two representatives of appropriate federal agencies, if those agencies wish to participate.

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(2) Two representatives of public water systems, one of which shall be a representative of a retail water supplier.

(3) Two representatives of environmental organizations.

(4) Two representatives of the business community.

(5) One representative of a local agency that is currently implementing a plan pursuant to Part 2.75 (commencing with Section 10750).

(6) Two representatives of agriculture.

(7) Two representatives from groundwater management entities.

(d)

(1) The members of the advisory committee may receive a per diem allowance for each day's attendance at a meeting of the advisory committee.

(2) The members of the advisory committee may be reimbursed for actual and necessary travel expenses incurred in connection with their official duties.

§10782.

(a) On or before June 1, 2009, the state board shall do both of the following:

(1) Identify and recommend to the Legislature funding options to extend, until January 1, 2024, the comprehensive monitoring program established in accordance with Section 10781.

(2) Make recommendations to enhance the public accessibility of information on groundwater conditions.

(b) On or before January 1, 2012, the state board, in consultation with the State Department of Public Health, the Department of Water Resources, the Department of Pesticide Regulation, the Office of Environmental Health Hazard Assessment, and any other agencies as appropriate, shall submit to the Legislature a report that does all of the following:

(1) Identifies communities that rely on contaminated groundwater as a primary source of drinking water.

(2) Identifies in the groundwater sources for the communities described in paragraph (1) the principal contaminants and other constituents of concern, as identified by the state board, affecting that groundwater and contamination levels.

(3) Identifies potential solutions and funding sources to clean up or treat groundwater or to provide alternative water supplies to ensure the provision of safe drinking water to communities identified in paragraph (1).

(c) The state board shall provide an opportunity for public comment on the report required pursuant to subdivision (b), prior to finalizing the report and submitting it to the Legislature.

§10782.3.

The state board shall use existing resources to carry out this part, and the operation of the program set forth in this part shall not supplant the operation of any other program required to be undertaken by the state board.

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§10783.

(a) The Legislature finds and declares that protecting the state's groundwater for beneficial use, particularly sources and potential sources of drinking water, is of paramount concern.

(b) The Legislature further finds and declares that strategic, scientifically based groundwater monitoring of the state's oil and gas fields is critical to allaying the public's concerns regarding well stimulation treatments of oil and gas wells.

(c) On or before July 1, 2015, in order to assess the potential effects of well stimulation treatments, as defined in Article 3 (commencing with Section 3150) of Chapter 1 of Division 3 of the Public Resources Code, on the state's groundwater resources in a systematic way, the state board shall develop model groundwater monitoring criteria to be implemented either on a well-by-well basis for a well subject to well stimulation treatment, or on a regional scale. The model criteria shall address a range of spatial sampling scales from methods for conducting appropriate monitoring on individual oil and gas wells subject to a well stimulation treatment, to methods for conducting a regional groundwater monitoring program. The state board shall take into consideration the recommendations received pursuant to subdivision (d) and shall include in the model criteria, at a minimum, the components identified in subdivision (f). The state board shall prioritize monitoring of groundwater that is or has the potential to be a source of drinking water, but shall protect all waters designated for any beneficial use.

(d) The state board, in consultation with the Department of Conservation, Division of Oil, Gas, and Geothermal Resources, shall seek the advice of experts on the design of the model groundwater monitoring criteria. The experts shall assess and make recommendations to the state board on the model criteria. These recommendations shall prioritize implementation of regional groundwater monitoring programs statewide, as warranted, based upon the prevalence of well stimulation treatments of oil and gas wells and groundwater suitable as a source of drinking water.

(e) The state board shall also seek the advice of stakeholders representing the diverse interests of the oil- and gas-producing areas of the state. The stakeholders shall include the oil and gas industry, agriculture, environmental justice, and local government, among others, with regional representation commensurate with the intensity of oil and gas development in that area. The stakeholders shall also make recommendations to the state board regarding the development and implementation of groundwater monitoring criteria, including priority locations for implementation.

(f) The scope and nature of the model groundwater monitoring criteria shall include the determination of all of the following:

(1) An assessment of the areas to conduct groundwater quality monitoring and their appropriate boundaries.

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(2) A list of the constituents to measure and assess water quality.

(3) The location, depth, and number of monitoring wells necessary to detect groundwater contamination at spatial scales ranging from an individual oil and gas well to a regional groundwater basin including one or more oil and gas fields.

(4) The frequency and duration of the monitoring.

(5) A threshold criteria indicating a transition from well-by-well monitoring to a regional monitoring program.

(6) Data collection and reporting protocols.

(7) Public access to the collected data under paragraph (6).

(g) Factors to consider in addressing subdivision (f) shall include, but are not limited to, all of the following:

(1) The existing quality and existing and potential use of the groundwater.

(2) Groundwater that is not a source of drinking water consistent with the United States Environmental Protection Agency's definition of an Underground Source of Drinking Water as containing less than 10,000 milligrams per liter total dissolved solids in groundwater (40 C.F.R. 144.3), including exempt aquifers pursuant to Section 146.4 of Title 40 of the Code of Federal Regulations.

(3) Proximity to human population, public water service wells, and private groundwater use, if known.

(4) The presence of existing oil and gas production fields, including the distribution, physical attributes, and operational status of oil and gas wells therein.

(5) Events, including well stimulation treatments and oil and gas well failures, among others, that have the potential to contaminate groundwater, appropriate monitoring to evaluate whether groundwater contamination can be attributable to a particular event, and any monitoring changes necessary if groundwater contamination is observed.

(h)

(1) On or before January 1, 2016, the state board or appropriate regional board shall begin implementation of the regional groundwater monitoring programs based upon the developed criteria under subdivision (c).

(2) In the absence of state implementation of a regional groundwater monitoring program, a well owner or operator may develop and implement an area-specific groundwater monitoring program based upon the developed criteria under subdivision (c), subject to approval by the state or regional board, if applicable, and that meets the requirements of this section.

(i) The model criteria for either a well-by-well basis for a well subject to well stimulation treatment, or for a regional groundwater monitoring program, shall be used to satisfy the permitting requirements for well stimulation treatments on oil and gas wells pursuant to Section 3160 of the Public Resources Code. The model criteria used on a well-by-well basis for a well subject to a well stimulation treatment shall be used where no regional groundwater monitoring

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plan approved by the state or regional board, if applicable, exists and has been implemented by either the state or regional board or the well owner or operator.

(j) The model criteria shall accommodate monitoring where surface access is limited. Monitoring is not required for oil and gas wells where the wells do not penetrate groundwater of beneficial use, as determined by a regional water quality control board, or do not penetrate exempt aquifers pursuant to Section 146.4 of Title 40 of the Code of Federal Regulations.

(k)

(1) The model criteria and groundwater monitoring programs shall be reviewed and updated periodically, as needed.

(2) The use of the United States Environmental Protection Agency's definition of an Underground Source of Drinking Water as containing less than 10,000 milligrams per liter total dissolved solids in groundwater (40 C.F.R. 144.3) and whether exempt aquifers pursuant to Section 146.4 of Title 40 of the Code of Federal Regulations shall be subject to groundwater monitoring shall be reviewed by the state board through a public process on or before January 1, 2020.

(l)

(1) All groundwater quality data collected pursuant to subparagraph (F) of paragraph (1) of subdivision (d) of Section 3160 of the Public Resources Code shall be submitted to the state board in an electronic format that is compatible with the state board's GeoTracker database, following the guidelines detailed in Chapter 30 (commencing with Section 3890) of Division 3 of Title 23 of the California Code of Regulations.

(2) A copy of the reported data under paragraph (1) shall be transferred by the state board to a public, nonprofit doctoral-degree-granting educational institution located in the San Joaquin Valley, administered pursuant to Section 9 of Article IX of the California Constitution, in order to form the basis of a comprehensive groundwater quality data repository to promote research, foster interinstitutional collaboration, and seek understanding of the numerous factors influencing the state's groundwater.

(m) The adoption of criteria required pursuant to this section is exempt from the rulemaking provisions of the Administrative Procedure Act (Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code). The adoption of criteria pursuant to this section shall instead be accomplished by means of a public process reasonably calculated to give those persons interested in their adoption an opportunity to be heard.

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Part 2.8. Agricultural Water Management Planning

Chapter 4. Miscellaneous Provisions

§10853. Recycled Water Exclusion

An agricultural water supplier that provides water to less than 25,000 irrigated acres, excluding recycled water, shall not be required to implement the requirements of this part or Part 2.55 (commencing with Section 10608) unless sufficient funding has specifically been provided to that water supplier for these purposes.

Part 2.12. Recycled Water Usage by Car Washes

§10950. Definitions

The following definitions govern the construction of this part:

(a) "Conveyor car wash" means a commercial car wash where the vehicle moves on a conveyor belt during the wash and the driver of the vehicle can remain in, or wait outside of, the vehicle.

(b) "In-bay car wash" means a commercial car wash where the driver pulls into a bay, parks the car, and the vehicle remains stationary while either a machine moves over the vehicle to clean it or one or more employees of the car wash clean the vehicle, instead of the vehicle moving through a tunnel.

(c) "Self-service car wash" means a commercial car wash where a customer washes his or her own car with spray wands and brushes.

(d) "Water recycling system" means a water system at the car wash that captures and reuses water previously used in wash or rinse cycles.

§10951. Recycled Water use by Car Washes

An in-bay car wash or a conveyor car wash permitted and constructed after January 1, 2014, shall do either of the following:

(a) Install, use, and maintain a water recycling system that recycles and reuses at least 60 percent of the wash and rinse water.

(b) Use recycled water provided by a water supplier for at least 60 percent of its wash and rinse water.

§10952. Self-Serve Car Washes

This part shall not apply to a self-service car wash.

§10953. Recycled Water at Car Washes - Local Agencies

This part shall not be construed to limit the power of any city, city and county, or county to require more stringent levels of recycled water use at a car wash.

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DIVISION 7. WATER QUALITY

Chapter 2. Definitions

§13050. Terms used in this division

As used in this division:

- (a) "State board" means the State Water Resources Control Board.

- (b) "Regional board" means any California regional water quality control board for a region as specified in Section 13200.

- (c) "Person" includes any city, county, district, the state, and the United States, to the extent authorized by federal law.

- (d) "Waste" includes sewage and any and all other waste substances, liquid, solid, gaseous, or radioactive, associated with human habitation, or of human or animal origin, or from any producing, manufacturing, or processing operation, including waste placed within containers of whatever nature prior to, and for purposes of, disposal.

- (e) "Waters of the state" means any surface water or groundwater, including saline waters, within the boundaries of the state.

- (f) "Beneficial uses" of the waters of the state that may be protected against quality degradation include, but are not limited to, domestic, municipal, agricultural and industrial supply; power generation; recreation; aesthetic enjoyment; navigation; and preservation and enhancement of fish, wildlife, and other aquatic resources or preserves.

- (g) "Quality of the water" refers to chemical, physical, biological, bacteriological, radiological, and other properties and characteristics of water which affect its use.

- (h) "Water quality objectives" means the limits or levels of water quality constituents or characteristics which are established for the reasonable protection of beneficial uses of water or the prevention of nuisance within a specific area.

- (i) "Water quality control" means the regulation of any activity or factor which may affect the quality of the waters of the state and includes the prevention and correction of water pollution and nuisance.

- (j) "Water quality control plan" consists of a designation or establishment for the waters within a specified area of all of the following:
 - (1) Beneficial uses to be protected.
 - (2) Water quality objectives.
 - (3) A program of implementation needed for achieving water quality objectives.

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(k) "Contamination" means an impairment of the quality of the waters of the state by waste to a degree which creates a hazard to the public health through poisoning or through the spread of disease. "Contamination" includes any equivalent effect resulting from the disposal of waste, whether or not waters of the state are affected.

(l)

(1) "Pollution" means an alteration of the quality of the waters of the state by waste to a degree which unreasonably affects either of the following:

(A) The waters for beneficial uses.

(B) Facilities which serve these beneficial uses.

(2) "Pollution" may include "contamination."

(m) "Nuisance" means anything which meets all of the following requirements:

(1) Is injurious to health, or is indecent or offensive to the senses, or an obstruction to the free use of property, so as to interfere with the comfortable enjoyment of life or property.

(2) Affects at the same time an entire community or neighborhood, or any considerable number of persons, although the extent of the annoyance or damage inflicted upon individuals may be unequal.

(3) Occurs during, or as a result of, the treatment or disposal of wastes.

(n) "Recycled water" means water which, as a result of treatment of waste, is suitable for a direct beneficial use or a controlled use that would not otherwise occur and is therefore considered a valuable resource.

(o) "Citizen or domiciliary" of the state includes a foreign corporation having substantial business contacts in the state or which is subject to service of process in this state.

(p)

(1) "Hazardous substance" means either of the following:

(A) For discharge to surface waters, any substance determined to be a hazardous substance pursuant to Section 311(b)(2) of the Federal Water Pollution Control Act (33 U.S.C. Sec. 1251 et seq.).

(B) For discharge to groundwater, any substance listed as a hazardous waste or hazardous material pursuant to Section 25140 of the Health and Safety Code, without regard to whether the substance is intended to be used, reused, or discarded, except that "hazardous substance" does not include any substance excluded from Section 311 (b)(2) of the Federal Water Pollution Control Act because it is within the scope of Section 311(a)(1) of that act.

(2) "Hazardous substance" does not include any of the following:

(A) Nontoxic, nonflammable, and noncorrosive stormwater runoff drained from underground vaults, chambers, or manholes into gutters or storm sewers.

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(B) Any pesticide which is applied for agricultural purposes or is applied in accordance with a cooperative agreement authorized by Section 116180 of the Health and Safety Code, and is not discharged accidentally or for purposes of disposal, the application of which is in compliance with all applicable state and federal laws and regulations.

(C) Any discharge to surface water of a quantity less than a reportable quantity as determined by regulations issued pursuant to Section 311(b)(4) of the Federal Water Pollution Control Act.

(D) Any discharge to land which results, or probably will result, in a discharge to groundwater if the amount of the discharge to land is less than a reportable quantity, as determined by regulations adopted pursuant to Section 13271, for substances listed as hazardous pursuant to Section 25140 of the Health and Safety Code. No discharge shall be deemed a discharge of a reportable quantity until regulations set a reportable quantity for the substance discharged.

(q)

(1) "Mining waste" means all solid, semisolid, and liquid waste materials from the extraction, beneficiation, and processing of ores and minerals. Mining waste includes, but is not limited to, soil, waste rock, and overburden, as defined in Section 2732 of the Public Resources Code, and tailings, slag, and other processed waste materials, including cementitious materials that are managed at the cement manufacturing facility where the materials were generated.

(2) For the purposes of this subdivision, "cementitious material" means cement, cement kiln dust, clinker, and clinker dust.

(r) "Master recycling permit" means a permit issued to a supplier or a distributor, or both, of recycled water, that includes waste discharge requirements prescribed pursuant to Section 13263 and water recycling requirements prescribed pursuant to Section 13523.1.

§13051. Injection well

As used in this division, "injection well" means any bored, drilled, or driven shaft, dug pit, or hole in the ground into which waste or fluid is discharged, and any associated subsurface appurtenances, and the depth of which is greater than the circumference of the shaft, pit, or hole.

Chapter 3. State Water Quality Control

Article 3. State Policy for Water Quality Control

§13140.

The state board shall formulate and adopt state policy for water quality control. Such policy shall be adopted in accordance with the provisions of this article and shall be in conformity with the policies set forth in Chapter 1 (commencing with Section 13000).

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§13141.

State policy for water quality control adopted or revised in accordance with the provisions of this article, and regional water quality control plans approved or revised in accordance with Section 13245, shall become a part of the California Water Plan effective when such state policy for water quality control, and such regional water quality control plans have been reported to the Legislature at any session thereof.

However, prior to implementation of any agricultural water quality control program, an estimate of the total cost of such a program, together with an identification of potential sources of financing, shall be indicated in any regional water quality control plan.

§13142.

State policy for water quality control shall consist of all or any of the following:

(a) Water quality principles and guidelines for long-range resource planning, including ground water and surface water management programs and control and use of recycled water.

(b) Water quality objectives at key locations for planning and operation of water resource development projects and for water quality control activities.

(c) Other principles and guidelines deemed essential by the state board for water quality control.

The principles, guidelines, and objectives shall be consistent with the state goal of providing a decent home and suitable living environment for every Californian.

§13142.5.

In addition to any other policies established pursuant to this division, the policies of the state with respect to water quality as it relates to the coastal marine environment are that:

(a) Wastewater discharges shall be treated to protect present and future beneficial uses, and, where feasible, to restore past beneficial uses of the receiving waters. Highest priority shall be given to improving or eliminating discharges that adversely affect any of the following:

- (1) Wetlands, estuaries, and other biologically sensitive sites.
- (2) Areas important for water contact sports.
- (3) Areas that produce shellfish for human consumption.
- (4) Ocean areas subject to massive waste discharge.

Ocean chemistry and mixing processes, marine life conditions, other present or proposed outfalls in the vicinity, and relevant aspects of areawide waste treatment management plans and programs, but not of convenience to the discharger, shall for the purposes of this section, be considered in determining the effects of such discharges. Toxic and hard-to-treat substances should be pretreated at the source if such substances would be incompatible with effective and economical treatment in municipal treatment plants.

(b) For each new or expanded coastal powerplant or other industrial installation using seawater for cooling, heating, or industrial processing, the best available site, design, technology,

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and mitigation measures feasible shall be used to minimize the intake and mortality of all forms of marine life.

(c) Where otherwise permitted, new warmed or cooled water discharges into coastal wetlands or into areas of special biological importance, including marine reserves and kelp beds, shall not significantly alter the overall ecological balance of the receiving area.

(d) Independent baseline studies of the existing marine system should be conducted in the area that could be affected by a new or expanded industrial facility using seawater in advance of the carrying out of the development.

(e)

(1) Adequately treated recycled water should, where feasible, be made available to supplement existing surface and underground supplies and to assist in meeting future water requirements of the coastal zone, and consideration, in statewide programs of financial assistance for water pollution or water quality control, shall be given to providing optimum water recycling and use of recycled water.

(2) If recycled water is available for industrial use, any discharge to waters in the coastal zone, including the San Francisco Bay, after industrial use, may be authorized if all of the following conditions are met:

(A) The discharge will not unreasonably affect beneficial uses.

(B) The discharge is consistent with applicable water quality control plans and state policy for water quality control.

(C) The use of recycled water is consistent with Chapter 7 (commencing with Section 13500).

(D) The discharge is consistent with all applicable requirements of Chapter 5.5 (commencing with Section 13370).

(E) The discharge is to the same general receiving water location as that to which the wastewater would be discharged if not reused.

(3) Any requirement imposed pursuant to Section 13263 or 13377 shall be adjusted to reflect a credit for waste present in the recycled water before reuse. The credit shall be limited to the difference between the amount of waste present in the nonrecycled water supply otherwise available to the industry and the amount of waste present in the recycled water.

(4) If the amount of waste in the discharge exceeds prescribed requirements because the amount of waste in the recycled water is in excess of that agreed to be furnished by the supplier to the discharger, no enforcement action shall be taken against the discharger unless both of the following statements apply:

(A) The supplier of the recycled water fails to correct the problem within 30 days after the cause of the problem is identified, or within any greater period of time agreed to by the appropriate regional board.

(B) The discharger continues to receive the recycled water from the supplier.

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(f) This section shall not apply to industrial discharges into publicly owned treatment works.

§13143.

State policy for water quality control shall be periodically reviewed and may be revised.

§13144.

During the process of formulating or revising state policy for water quality control the state board shall consult with and carefully evaluate the recommendations of concerned federal, state, and local agencies.

§13145.

The state board shall take into consideration the effect of its actions pursuant to this chapter on the California Water Plan as adopted or revised pursuant to Division 6 (commencing with Section 10000) of this code, and on any other general or coordinated governmental plan looking toward the development, utilization, or conservation of the waters of the state.

§13146.

State offices, departments and boards, in carrying out activities which affect water quality, shall comply with state policy for water quality control unless otherwise directed or authorized by statute, in which case they shall indicate to the state board in writing their authority for not complying with such policy.

§13147.

The state board shall not adopt state policy for water quality control unless a public hearing is first held respecting the adoption of such policy. At least 60 days in advance of such hearing the state board shall notify any affected regional boards, unless notice is waived by such boards, and shall give notice of such hearing by publication within the affected region pursuant to Section 6061 of the Government Code. The regional boards shall submit written recommendations to the state board at least 20 days in advance of the hearing.

§13148.

(a) This section applies to the following hydrologic regions as identified in the California Water Plan: Central Coast, South Coast, San Joaquin River, Tulare Lake, and the Counties of Butte, Glenn, Placer, Sacramento, Solano, Sutter, and Yolo.

(b) Notwithstanding Article 1 (commencing with Section 116775) of Chapter 5 of Part 12 of Division 104 of the Health and Safety Code, any local agency that owns or operates a community sewer system or water recycling facility and that is subject to a finding made by a regional board pursuant to subdivision (e) may take action to control salinity input from residential self-regenerating water softeners to protect the quality of the waters of the state. A local agency may take action only by adoption of an ordinance or resolution after a public

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hearing. The local agency shall not consider the adoption of an ordinance or resolution until at least 30 days following the date of the public hearing on the proposed ordinance or resolution. An ordinance or resolution shall become effective 30 days from the date of adoption.

(c) Actions to control residential self-regenerating water softener salinity inputs authorized by subdivision (b) include, but are not limited to, any of the following:

- (1) Require that residential self-regenerating water softeners installed within the jurisdiction of the local agency be rated at the highest efficiency commercially available and certified by NSF International or the American National Standards Institute.
- (2) Require that plumbing permits be obtained prior to the installation of residential self-regenerating water softeners.
- (3) Require that residential self-regenerating water softeners be plumbed to hook up to hot water only.
- (4) Enact a voluntary buy-back or exchange program for residential self-regenerating water softeners, consistent with existing law. A voluntary buy-back or exchange program may be conducted in cooperation with local water treatment businesses.
- (5) Require the removal of previously installed residential self-regenerating water softeners.
- (6) Prohibit the installation of residential self-regenerating water softeners.
- (7) Require the retrofit of clock control and demand control systems on previously installed residential self-regenerating water softeners.
- (8) Require the replacement of previously installed residential self-regenerating water softeners with appliances that meet or exceed the salt efficiency rating set forth in paragraph (2) of subdivision (b) of Section 116785 of the Health and Safety Code.

(d) If a local agency adopts an ordinance or resolution to require the removal of previously installed residential self-regenerating water softeners pursuant to paragraph (5) of subdivision (c), the local agency shall make available to owners of residential self-regenerating water softeners within its service area a program to compensate the owner of the residential self-regenerating water softener for the reasonable value of the removed residential self-regenerating water softener, as determined by the local agency.

(e) Before a local agency may take action to control salinity input from residential self-regenerating water softeners pursuant to subdivision (b), a regional board with jurisdiction over a region identified in subdivision (a) shall have made a finding at a public hearing that the control of residential salinity input will contribute to the achievement of water quality objectives. The finding may be made in any of the following water quality actions adopted by a regional board:

- (1) A total maximum daily load that addresses salinity-related pollutants in a water segment.
- (2) A salt and nutrient management plan for a groundwater basin or subbasin.
- (3) Waste discharge requirements for a local agency discharger.
- (4) Master reclamation permit for a supplier or distributor of recycled water.

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- (5) Water recycling requirements for a supplier or distributor of recycled water.
- (6) Cease and desist order directed to a local agency.

(f) The regional board making a finding pursuant to subdivision (e) shall base its finding on the evidence in the record, such as a source determination study or other appropriate studies. The standard of judicial review required for a finding made pursuant to subdivision (e) shall be the same as the standard of review required for the water quality action in which the finding is made.

(g) This section does not limit the use of portable exchange water softening appliances or limit the authority of a local agency to regulate the discharge from a centralized portable exchange tank servicing facility into the community sewer system.

(h) For purposes of this section, "residential self-regenerating water softener" means residential water softening equipment or conditioning appliances that discharge brine into a community sewer system.

§13149. (Effective June 27, 2016.)

(a)

(1)

(A) The board, in consultation with the Department of Fish and Wildlife, shall adopt principles and guidelines for diversion and use of water for cannabis cultivation in areas where cannabis cultivation may have the potential to substantially affect instream flows. The principles and guidelines adopted under this section may include, but are not limited to, instream flow objectives, limits on diversions, and requirements for screening of diversions and elimination of barriers to fish passage. The principles and guidelines may include requirements that apply to groundwater extractions where the board determines those requirements are reasonably necessary for purposes of this section.

(B) Prior to adopting principles and guidelines under this section, the board shall allow for public comment and hearing, pursuant to Section 13147. The board shall provide an opportunity for the public to review and comment on the proposal for at least 60 days and shall consider the public comments before adopting the principles and guidelines.

(2) The board, in consultation with the Department of Fish and Wildlife, shall adopt principles and guidelines pending the development of long-term principles and guidelines under paragraph (1). The principles and guidelines, including the interim principles and guidelines, shall include measures to protect springs, wetlands, and aquatic habitats from negative impacts of cannabis cultivation. The board may update the interim principles and guidelines as it determines to be reasonably necessary for purposes of this section.

(3) The Department of Fish and Wildlife, in consultation with the board, may establish interim requirements to protect fish and wildlife from the impacts of diversions for cannabis cultivation pending the adoption of long-term principles and guidelines by the board under paragraph (1). The requirements may also include measures to protect springs, wetlands, and aquatic habitats from negative impacts of cannabis cultivation.

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(b)

(1) Notwithstanding Section 15300.2 of Title 14 of the California Code of Regulations, actions of the board and the Department of Fish and Wildlife under this section shall be deemed to be within Section 15308 of Title 14 of the California Code of regulations, provided that those actions do not involve relaxation of existing streamflow standards.

(2) The board shall adopt principles and guidelines under this section as part of state policy for water quality control adopted pursuant to Article 3 (commencing with Section 13140) of Chapter 3 of Division 7.

(3) If the Department of Fish and Wildlife establishes interim requirements under this section, it shall do so as emergency regulations in accordance with Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code. The adoption of those interim requirements is an emergency and shall be considered by the Office of Administrative Law as necessary for the immediate preservation of the public peace, health, safety, and general welfare. Notwithstanding Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code, the emergency regulations shall remain in effect until revised by the Department of Fish and Wildlife, provided that the emergency regulations shall not apply after long-term principles and guidelines adopted by the board under this section take effect for the stream or other body of water where the diversion is located.

(4) A diversion for cannabis cultivation is subject to both the interim principles and guidelines and the interim requirements in the period before final principles and guidelines are adopted by the board.

(5) The board shall have primary enforcement responsibility for principles and guidelines adopted under this section, and shall notify the Department of Food and Agriculture of any enforcement action taken.

Article 4. Other Powers and Duties of the State Board

§13169. Groundwater protection program

(a) The state board is authorized to develop and implement a groundwater protection program as provided under the Safe Drinking Water Act, Section 300 and following of Title 42 of the United States Code, and any federal act that amends or supplements the Safe Drinking Water Act. The authority of the state board under this section includes, but is not limited to, the following:

(1) To apply for and accept state groundwater protection grants from the federal government.

(2) To take any additional action as may be necessary or appropriate to assure that the state's groundwater protection program complies with any federal regulations issued pursuant to the Safe Drinking Water Act or any federal act that amends or supplements the Safe Drinking Water Act.

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(b) Nothing in this section is intended to expand the authority of the state board as authorized under the Porter-Cologne Water Quality Control Act (Div. 7 (commencing with Sec. 13000) Wat. C.).

§13176. Laboratory analyses (Effective January 1, 2016.)

(a)

(1) The analysis of any material required by this division shall be performed by a laboratory that has accreditation or certification pursuant to Article 3 (commencing with Section 100825) of Chapter 4 of Part 1 of Division 101 of the Health and Safety Code.

(2) This requirement does not apply to field tests, such as tests for color, odor, turbidity, pH, temperature, dissolved oxygen, conductivity, and disinfectant residual.

(b) A person or public entity of the state shall not contract with a laboratory for environmental analyses required by paragraph (1) of subdivision (a) unless the laboratory has valid accreditation or certification.

Chapter 4. Regional Water Quality Control

Article 3. Regional Water Quality Control Plans

§13240.

Each regional board shall formulate and adopt water quality control plans for all areas within the region. Such plans shall conform to the policies set forth in Chapter 1 (commencing with Section 13000) of this division and any state policy for water quality control. During the process of formulating such plans the regional boards shall consult with and consider the recommendations of affected state and local agencies. Such plans shall be periodically reviewed and may be revised.

§13241.

Each regional board shall establish such water quality objectives in water quality control plans as in its judgment will ensure the reasonable protection of beneficial uses and the prevention of nuisance; however, it is recognized that it may be possible for the quality of water to be changed to some degree without unreasonably affecting beneficial uses. Factors to be considered by a regional board in establishing water quality objectives shall include, but not necessarily be limited to, all of the following:

(a) Past, present, and probable future beneficial uses of water.

(b) Environmental characteristics of the hydrographic unit under consideration, including the quality of water available thereto.

(c) Water quality conditions that could reasonably be achieved through the coordinated control of all factors which affect water quality in the area.

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- (d) Economic considerations.
- (e) The need for developing housing within the region.
- (f) The need to develop and use recycled water.

§13242.

The program of implementation for achieving water quality objectives shall include, but not be limited to:

(a) A description of the nature of actions which are necessary to achieve the objectives, including recommendations for appropriate action by any entity, public or private.

(b) A time schedule for the actions to be taken.

(c) A description of surveillance to be undertaken to determine compliance with objectives.

§13243.

A regional board, in a water quality control plan or in waste discharge requirements, may specify certain conditions or areas where the discharge of waste, or certain types of waste, will not be permitted.

§13244.

The regional boards shall not adopt any water quality control plan unless a public hearing is first held, after the giving of notice of such hearing by publication in the affected county or counties pursuant to Section 6061 of the Government Code. When the plan proposes to prohibit discharges of waste pursuant to Section 13243, similar notice shall be given by publication pursuant to Section 6061.3 of the Government Code.

§13245.

A water quality control plan, or a revision thereof adopted by a regional board, shall not become effective unless and until it is approved by the state board. The state board may approve such plan, or return it to the regional board for further consideration and resubmission to the state board. Upon resubmission the state board may either approve or, after a public hearing in the affected region, revise and approve such plan.

§13245.5.

Guidelines adopted by a regional board shall not become effective unless and until approved by the state board.

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§13246.

(a) The state board shall act upon any water quality control plan not later than 60 days from the date the regional board submitted the plan to the state board, or 90 days from the date of resubmission of the plan.

(b) When the state board is acting upon a water quality control plan that is being amended solely for an action related to a regional board's total maximum daily load submittal, not including submittals related to listing, the state board shall not exceed the 60-day timeline, inclusive of the time spent sending the submittal back to the regional board, unless one of the following circumstances exists:

(1) The proposed amendment is for an exceedingly complex total maximum daily load. In order to determine if a total maximum daily load is exceedingly complex, the state board may consider a number of factors including, but not limited to, the volume of the record, the number of pollutants included, the number of dischargers and land uses involved, and the size of the watershed. The reason or reasons that any total maximum daily load is determined to be exceedingly complex shall be provided by the state board to the regional board in writing.

(2) The submittal by the regional board is clearly incomplete.

§13247.

State offices, departments, and boards, in carrying out activities which may affect water quality, shall comply with water quality control plans approved or adopted by the state board unless otherwise directed or authorized by statute, in which case they shall indicate to the regional boards in writing their authority for not complying with such plans.

§13248.

(a) At any time, the state board may, on its own motion, review the regional board's failure to act under this article.

(b) The state board may find that the failure of the regional board to act was appropriate and proper. Upon finding that the failure of the regional board to act was inappropriate or improper, the state board may direct that appropriate action be taken by the regional board, refer the matter to another state agency having jurisdiction, take appropriate action itself, or take any combination of those actions. In taking any action, the state board is vested with all the powers of the regional boards under this division.

Article 4. Waste Discharge Requirements

§13260. Applicability of reporting discharges

(a) Each of the following persons shall file with the appropriate regional board a report of the discharge, containing the information that may be required by the regional board:

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(1) A person discharging waste, or proposing to discharge waste, within any region that could affect the quality of the waters of the state, other than into a community sewer system.

(2) A person who is a citizen, domiciliary, or political agency or entity of this state discharging waste, or proposing to discharge waste, outside the boundaries of the state in a manner that could affect the quality of the waters of the state within any region.

(3) A person operating, or proposing to construct, an injection well.

(b) No report of waste discharge need be filed pursuant to subdivision (a) if the requirement is waived pursuant to Section 13269.

(c) Each person subject to subdivision (a) shall file with the appropriate regional board a report of waste discharge relative to any material change or proposed change in the character, location, or volume of the discharge.

(d)

(1)

(A) Each person who is subject to subdivision (a) or (c) shall submit an annual fee according to a fee schedule established by the state board.

(B) The total amount of annual fees collected pursuant to this section shall equal that amount necessary to recover costs incurred in connection with the issuance, administration, reviewing, monitoring, and enforcement of waste discharge requirements and waivers of waste discharge requirements.

(C) Recoverable costs may include, but are not limited to, costs incurred in reviewing waste discharge reports, prescribing terms of waste discharge requirements and monitoring requirements, enforcing and evaluating compliance with waste discharge requirements and waiver requirements, conducting surface water and groundwater monitoring and modeling, analyzing laboratory samples, adopting, reviewing, and revising water quality control plans and state policies for water quality control, and reviewing documents prepared for the purpose of regulating the discharge of waste, and administrative costs incurred in connection with carrying out these actions.

(D) In establishing the amount of a fee that may be imposed on a confined animal feeding and holding operation pursuant to this section, including, but not limited to, a dairy farm, the state board shall consider all of the following factors:

(i) The size of the operation.

(ii) Whether the operation has been issued a permit to operate pursuant to Section 1342 of Title 33 of the United States Code.

(iii) Any applicable waste discharge requirement or conditional waiver of a waste discharge requirement.

(iv) The type and amount of discharge from the operation.

(v) The pricing mechanism of the commodity produced.

(vi) Any compliance costs borne by the operation pursuant to state and federal water quality regulations.

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(vii) Whether the operation participates in a quality assurance program certified by a regional water quality control board, the state board, or a federal water quality control agency.

(2)

(A) Subject to subparagraph (B), the fees collected pursuant to this section shall be deposited in the Waste Discharge Permit Fund, which is hereby created. The money in the fund is available for expenditure by the state board, upon appropriation by the Legislature, solely for the purposes of carrying out this division.

(B)

(i) Notwithstanding subparagraph (A), the fees collected pursuant to this section from stormwater dischargers that are subject to a general industrial or construction stormwater permit under the national pollutant discharge elimination system (NPDES) shall be separately accounted for in the Waste Discharge Permit Fund.

(ii) Not less than 50 percent of the money in the Waste Discharge Permit Fund that is separately accounted for pursuant to clause (i) is available, upon appropriation by the Legislature, for expenditure by the regional board with jurisdiction over the permitted industry or construction site that generated the fee to carry out stormwater programs in the region.

(iii) Each regional board that receives money pursuant to clause (ii) shall spend not less than 50 percent of that money solely on stormwater inspection and regulatory compliance issues associated with industrial and construction stormwater programs.

(3) A person who would be required to pay the annual fee prescribed by paragraph (1) for waste discharge requirements applicable to discharges of solid waste, as defined in Section 40191 of the Public Resources Code, at a waste management unit that is also regulated under Division 30 (commencing with Section 40000) of the Public Resources Code, shall be entitled to a waiver of the annual fee for the discharge of solid waste at the waste management unit imposed by paragraph (1) upon verification by the state board of payment of the fee imposed by Section 48000 of the Public Resources Code, and provided that the fee established pursuant to Section 48000 of the Public Resources Code generates revenues sufficient to fund the programs specified in Section 48004 of the Public Resources Code and the amount appropriated by the Legislature for those purposes is not reduced.

(e) Each person that discharges waste in a manner regulated by this section shall pay an annual fee to the state board. The state board shall establish, by regulation, a timetable for the payment of the annual fee. If the state board or a regional board determines that the discharge will not affect, or have the potential to affect, the quality of the waters of the state, all or part of the annual fee shall be refunded.

(f)

(1) The state board shall adopt, by emergency regulations, a schedule of fees authorized under subdivision (d). The total revenue collected each year through annual fees shall be set at an amount equal to the revenue levels set forth in the Budget Act for this activity. The state board shall automatically adjust the annual fees each fiscal year to conform with the revenue levels set

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forth in the Budget Act for this activity. If the state board determines that the revenue collected during the preceding year was greater than, or less than, the revenue levels set forth in the Budget Act, the state board may further adjust the annual fees to compensate for the over and under collection of revenue.

(2) The emergency regulations adopted pursuant to this subdivision, any amendment thereto, or subsequent adjustments to the annual fees, shall be adopted by the state board in accordance with Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code. The adoption of these regulations is an emergency and shall be considered by the Office of Administrative Law as necessary for the immediate preservation of the public peace, health, safety, and general welfare. Notwithstanding Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code, any emergency regulations adopted by the state board, or adjustments to the annual fees made by the state board pursuant to this section, shall not be subject to review by the Office of Administrative Law and shall remain in effect until revised by the state board.

(g) The state board shall adopt regulations setting forth reasonable time limits within which the regional board shall determine the adequacy of a report of waste discharge submitted under this section.

(h) Each report submitted under this section shall be sworn to, or submitted under penalty of perjury.

(i) The regulations adopted by the state board pursuant to subdivision (f) shall include a provision that annual fees shall not be imposed on those who pay fees under the national pollutant discharge elimination system until the time when those fees are again due, at which time the fees shall become due on an annual basis.

(j) A person operating or proposing to construct an oil, gas, or geothermal injection well subject to paragraph (3) of subdivision (a) shall not be required to pay a fee pursuant to subdivision (d) if the injection well is regulated by the Division of Oil and Gas of the Department of Conservation, in lieu of the appropriate California regional water quality control board, pursuant to the memorandum of understanding, entered into between the state board and the Department of Conservation on May 19, 1988. This subdivision shall remain operative until the memorandum of understanding is revoked by the state board or the Department of Conservation.

(k) In addition to the report required by subdivision (a), before a person discharges mining waste, the person shall first submit both of the following to the regional board:

(1) A report on the physical and chemical characteristics of the waste that could affect its potential to cause pollution or contamination. The report shall include the results of all tests required by regulations adopted by the board, any test adopted by the Department of Toxic Substances Control pursuant to Section 25141 of the Health and Safety Code for extractable,

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persistent, and bioaccumulative toxic substances in a waste or other material, and any other tests that the state board or regional board may require, including, but not limited to, tests needed to determine the acid-generating potential of the mining waste or the extent to which hazardous substances may persist in the waste after disposal.

(2) A report that evaluates the potential of the discharge of the mining waste to produce, over the long term, acid mine drainage, the discharge or leaching of heavy metals, or the release of other hazardous substances.

(1) Except upon the written request of the regional board, a report of waste discharge need not be filed pursuant to subdivision (a) or (c) by a user of recycled water that is being supplied by a supplier or distributor of recycled water for whom a master recycling permit has been issued pursuant to Section 13523.1.

§13260.2. Fees authority

(a) The state board shall establish a fee in an amount sufficient to recover its costs in reviewing, processing, and enforcing “no exposure” certifications issued to facilities that apply for those certifications in accordance with a general industrial stormwater permit.

(b) Revenue generated pursuant to this section shall be deposited in the Waste Discharge Permit Fund.

§13260.3. State Board annual expenditure report

On or before January 1 of each year, the state board shall report to the Governor and the Legislature on the expenditure of annual fees collected pursuant to Section 13260.

§13261. Failure to furnish a report to Regional Board

(a) A person who fails to furnish a report or pay a fee under Section 13260 when so requested by a regional board is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b).

(b)

(1) Civil liability may be administratively imposed by a regional board or the state board in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5 for a violation of subdivision (a) in an amount not exceeding one thousand dollars (\$1,000) for each day in which the violation occurs. Civil liability shall not be imposed by the regional board pursuant to this section if the state board has imposed liability against the same person for the same violation.

(2) Civil liability may be imposed by the superior court in accordance with Article 5 (commencing with Section 13350) and Article 6 (commencing with Section 13360) of Chapter 5 for a violation of subdivision (a) in an amount not exceeding five thousand dollars (\$5,000) for each day the violation occurs.

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(c) A person who discharges or proposes to discharge hazardous waste, as defined in Section 25117 of the Health and Safety Code, who knowingly furnishes a false report under Section 13260, or who either willfully fails to furnish a report or willfully withholds material information under Section 13260 despite actual knowledge of that requirement, may be liable in accordance with subdivision (d) and is guilty of a misdemeanor.

This subdivision does not apply to any waste discharge that is subject to Chapter 5.5 (commencing with Section 13370).

(d)

(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5 for a violation of subdivision (c) in an amount not exceeding five thousand dollars (\$5,000) for each day the violation occurs.

(2) Civil liability may be imposed by the superior court in accordance with Article 5 (commencing with Section 13350) and Article 6 (commencing with Section 13360) of Chapter 5 for a violation of subdivision (c) in an amount not exceeding twenty-five thousand dollars (\$25,000).

§13262. Superior Court petition

The Attorney General, at the request of the regional board or the state board, shall petition the superior court for the issuance of a temporary restraining order, temporary injunction, or permanent injunction, or combination thereof, as may be appropriate, requiring any person not complying with Section 13260 to comply therewith.

§13263. Regional Board duty to prescribe requirements

(a) The regional board, after any necessary hearing, shall prescribe requirements as to the nature of any proposed discharge, existing discharge, or material change in an existing discharge, except discharges into a community sewer system, with relation to the conditions existing in the disposal area or receiving waters upon, or into which, the discharge is made or proposed. The requirements shall implement any relevant water quality control plans that have been adopted, and shall take into consideration the beneficial uses to be protected, the water quality objectives reasonably required for that purpose, other waste discharges, the need to prevent nuisance, and the provisions of Section 13241.

(b) A regional board, in prescribing requirements, need not authorize the utilization of the full waste assimilation capacities of the receiving waters.

(c) The requirements may contain a time schedule, subject to revision in the discretion of the board.

(d) The regional board may prescribe requirements although no discharge report has been filed.

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(e) Upon application by any affected person, or on its own motion, the regional board may review and revise requirements. All requirements shall be reviewed periodically.

(f) The regional board shall notify in writing the person making or proposing the discharge or the change therein of the discharge requirements to be met. After receipt of the notice, the person so notified shall provide adequate means to meet the requirements.

(g) No discharge of waste into the waters of the state, whether or not the discharge is made pursuant to waste discharge requirements, shall create a vested right to continue the discharge. All discharges of waste into waters of the state are privileges, not rights.

(h) The regional board may incorporate the requirements prescribed pursuant to this section into a master recycling permit for either a supplier or distributor, or both, of recycled water.

(i) The state board or a regional board may prescribe general waste discharge requirements for a category of discharges if the state board or that regional board finds or determines that all of the following criteria apply to the discharges in that category:

- (1) The discharges are produced by the same or similar operations.
- (2) The discharges involve the same or similar types of waste.
- (3) The discharges require the same or similar treatment standards.
- (4) The discharges are more appropriately regulated under general discharge requirements than individual discharge requirements.

(j) The state board, after any necessary hearing, may prescribe waste discharge requirements in accordance with this section.

§13263.1. Mining waste

Before a regional board issues or revises waste discharge requirements pursuant to Section 13263 for any discharge of mining waste, the regional board shall first determine that the proposed mining waste discharge is consistent with a waste management strategy that prevents the pollution or contamination of the waters of the state, particularly after closure of any waste management unit for mining waste.

§13263.2. Hazardous waste exemption

The owner or operator of a facility that treats groundwater which qualifies as a hazardous waste pursuant to Chapter 6.5 (commencing with Section 25100) of Division 20 of the Health and Safety Code is exempt from the requirement to obtain a hazardous waste facility permit pursuant to Section 25201 of the Health and Safety Code for the treatment of groundwater if all of the following conditions are met:

(a) The facility treats groundwater which is extracted for the purposes of complying with one or more of the following:

- (1) Waste discharge requirements prescribed pursuant to Section 13263.

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- (2) A cleanup or abatement order issued pursuant to Section 13304.
 - (3) A written authorization issued by a regional board or local agency designated pursuant to Section 25283 of the Health and Safety Code.
 - (4) An order or approved remedial action plan issued pursuant to Chapter 6.8 (commencing with Section 25300) of Division 20 of the Health and Safety Code.
- (b) The facility meets, at a minimum, all of the following operating standards:
- (1) The treatment does not require a hazardous waste facilities permit pursuant to the Resource Conservation and Recovery Act, as amended (42 U.S.C. Sec. 6901 et seq.).
 - (2) The facility operator prepares and maintains written operating instructions and a record of the dates, amounts, and types of waste treated.
 - (3) The facility operator prepares and maintains a written inspection schedule and log of inspections conducted.
 - (4) The records specified in paragraphs (2) and (3) are maintained by the owner or operator of the facility for a period of three years.
 - (5) The owner or operator maintains adequate records to demonstrate that it is in compliance with all of the pretreatment standards and with all of the applicable industrial waste discharge requirements issued by the agency operating the publicly owned treatment works into which the wastes are discharged.
 - (6)
 - (A) Upon terminating the operation of any treatment process or unit exempted pursuant to this section, the owner or operator that conducted the treatment removes or decontaminates all waste residues, containment system components, soils, and other structures or equipment contaminated with hazardous waste from the unit. The removal of the unit from service shall be conducted in a manner that does both of the following:
 - (i) Minimizes the need for further maintenance.
 - (ii) Eliminates the escape of hazardous waste, hazardous constituents, leachate, contaminated runoff, or waste decomposition products to the environment after the treatment process ceases operation.
 - (B) Any owner or operator who permanently ceases operation of a treatment process or unit that is exempted pursuant to this section shall provide written notification to the regional board or local agency upon completion of all activities required by this subdivision.
 - (7) The waste is managed in accordance with all applicable requirements for generators of hazardous waste under Chapter 6.5 (commencing with Section 25100) of Division 20 of the Health and Safety Code and the regulations adopted by the Department of Toxic Substances Control pursuant to that chapter.
- (c) The groundwater is treated at the site where it is extracted in compliance with one or more of paragraphs (1), (2), (3), and (4) of subdivision (a).

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(d) All other regulatory requirements applicable to the facility pursuant to Chapter 6.5 (commencing with Section 25100) of Division 20 of the Health and Safety Code are met by the owner or operator.

(e) The treatment of the contaminated groundwater is not performed under corrective action required by Section 25200.10 of the Health and Safety Code.

§13263.3. Legislative declaration and definitions (1 of 2)

(a) The Legislature finds and declares that pollution prevention should be the first step in a hierarchy for reducing pollution and managing wastes, and to achieve environmental stewardship for society. The Legislature also finds and declares that pollution prevention is necessary to achieve the federal goal of zero discharge of pollutants into navigable waters.

(b)

(1) For the purposes of this section, "pollution prevention" means any action that causes a net reduction in the use or generation of a hazardous substance or other pollutant that is discharged into water and includes any of the following:

(A) "Input change," which means a change in raw materials or feedstocks used in a production process or operation so as to reduce, avoid, or eliminate the generation of pollutants discharged in wastewater.

(B) "Operational improvement," which means improved site management so as to reduce, avoid, or eliminate the generation of pollutants discharged in wastewater.

(C) "Production process change," which means a change in a process, method, or technique that is used to produce a product or a desired result, including the return of materials or their components for reuse within the existing processes or operations, so as to reduce, avoid, or eliminate the generation of pollutants discharged in wastewater.

(D) "Product reformulation," which means changes in design, composition, or specifications of end products, including product substitution, so as to reduce, avoid, or eliminate the generation of problem pollutants discharged in wastewater.

(2) For the purposes of this section, "pollution prevention" does not include actions that merely shift a pollutant in wastewater from one environmental medium to another environmental medium, unless clear environmental benefits of such an approach are demonstrated.

(c)

(1) For the purposes of this section, "discharger" means any entity required to obtain a national pollutant discharge elimination system (NPDES) permit pursuant to the Clean Water Act (33 U.S.C. Sec. 1251 et seq.), or any entity subject to the pretreatment program as defined in Part 403 (commencing with Section 403.1) of subchapter N of Chapter 1 of Part 403 of Title 40 of the Code of Federal Regulations.

(2) For the purposes of this section, "industrial discharger" means any discharger other than a publicly owned treatment works (POTW).

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(d)

(1) The state board, a regional board, or a POTW may require a discharger subject to its jurisdiction to complete a pollution prevention plan if any of the following apply:

(A) A discharger is determined to be a chronic violator and the board or the POTW determines that pollution prevention could achieve compliance.

(B) The discharger contributes, or has the potential to contribute, to the formation of a toxic hot spot as defined in Section 13391.5.

(C) The discharger discharges a pollutant for which the permitted level is lower than the practical quantification limit and the state board, a regional board, or the POTW determines that additional reductions of the pollutant are necessary.

(D) The board determines pollution prevention is necessary to achieve a water quality objective.

(2) The state board, a regional board, or a POTW may require an industrial discharger subject to its jurisdiction to complete a pollution prevention plan that includes all of the following:

(A) An analysis of the pollutants that the facility discharges into water or introduces into POTWs, a description of the sources of the pollutants, and a comprehensive review of the processes used by the discharger that result in the generation and discharge of the pollutants.

(B) An analysis of the potential for pollution prevention to reduce the generation of the pollutants, including the application of innovative and alternative technologies and any adverse environmental impacts resulting from the use of those methods.

(C) A detailed description of the tasks and time schedules required to investigate and implement various elements of pollution prevention techniques.

(D) A statement of the discharger's pollution prevention goals and strategies, including priorities for short-term and long-term action.

(E) A description of the discharger's intended pollution prevention activities for the immediate future.

(F) A description of the discharger's existing pollution prevention methods.

(G) A statement that the discharger's existing and planned pollution prevention strategies do not constitute cross-media pollution transfers, and information that supports that statement.

(H) Toxic chemical release data for those dischargers subject to Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (42 U.S.C. Sec. 11023).

(I) Proof of compliance with the Hazardous Waste Source Reduction and Management Review Act of 1989 (Article 11.9 (commencing with Section 25244.12) of Chapter 6.5 of Division 20 of the Health and Safety Code) if the discharger is also subject to that act.

(J) An analysis of the relative costs and benefits of the possible pollution prevention activities.

(3) A regional board may require a POTW to complete a pollution prevention plan that includes all of the following:

(A) An estimate of all of the sources of a pollutant contributing, or potentially contributing, to the loadings of a pollutants in the treatment plant influent.

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(B) An analysis of the methods that could be used to prevent the discharge of the pollutants into the POTW, including application of local limits to industrial or commercial dischargers regarding pollution prevention techniques, public education and outreach, or other innovative and alternative approaches to reduce discharges of the pollutant to the POTW. The analysis also shall identify sources, or potential sources, not within the ability or authority of the POTW to control, such as pollutants in the potable water supply, airborne pollutants, pharmaceuticals, or pesticides, and estimate the magnitude of those sources, to the extent feasible.

(C) An estimate of load reductions that may be attained through the methods identified in subparagraph (B).

(D) A plan for monitoring the results of the pollution prevention program.

(E) A description of the tasks, cost, and time required to investigate and implement various elements in the pollution prevention plan.

(F) A statement of the POTW's pollution prevention goals and strategies, including priorities for short-term and long-term action, and a description of the POTW's intended pollution prevention activities for the immediate future.

(G) A description of the POTW's existing pollution prevention programs.

(H) An analysis, to the extent feasible, of any adverse environmental impacts, including cross-media impacts or substitute chemicals, that may result from the implementation of the pollution prevention program.

(I) An analysis, to the extent feasible, of the costs and benefits that may be incurred to implement the pollution prevention program.

(e) The state board or the regional board may establish a schedule of actions identified in the pollution prevention plans for the discharger.

(f) The state board or regional board shall solicit comments from the public on a pollution prevention plan prepared pursuant to this section and address the public comments when determining what schedule of actions, if any, to establish for the discharger pursuant to this section.

(g) The state board and regional boards shall make the pollution prevention plans available for public review, except to the extent that information is classified as confidential because it is a trade secret. Trade secret information shall be set forth in an appendix that is not available to the public.

(h) Any costs incurred by the state board or a regional board resulting from actions required by this section shall be paid for from revenue generated by the fees imposed by Section 13260.

(i) The state board or regional board may assess civil penalties pursuant to Section 13385 against a discharger for failure to complete a pollution prevention plan ordered by the state board

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or a regional board, or for failure to comply with a schedule of actions ordered by the state board or a regional board pursuant to this section.

(j) A POTW may assess civil penalties and civil administrative penalties pursuant to Sections 54740, 54740.5, and 54740.6 of the Government Code against an industrial discharger for failure to complete a pollution prevention plan when ordered by the POTW, for submitting a plan that does not comply with the act, or for failure to comply with a schedule of actions ordered by the POTW pursuant to this section, unless the regional board has assessed penalties for the same action.

(k) A discharger may change its pollution prevention plan, including withdrawing from a pollution prevention measure approved by the state board, a regional board, or a POTW, if the discharger determines that the measure will have a negative impact on product quality, the safe operation of the facility, or the environmental aspects of the facilities operation, and the discharger demonstrates to the board or the POTW an alternative measure that achieves that same pollution prevention objective.

(l) The state board shall adopt a format to be used by dischargers for completing the plan required by this section. The format shall address all of the factors the discharger is required to include in the plan. The board may include any other factors determined by the board to be necessary to carry out this section. The adoption of the format pursuant to this section is not subject to Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code.

§13263.3. Legislative declaration and definitions (2 of 2)

(a) The Legislature finds and declares that pollution prevention should be the first step in a hierarchy for reducing pollution and managing wastes, and to achieve environmental stewardship for society. The Legislature also finds and declares that pollution prevention is necessary to support the federal goal of zero discharge of pollutants into navigable waters.

(b)

(1) For the purposes of this section, "pollution prevention" means any action that causes a net reduction in the use or generation of a hazardous substance or other pollutant that is discharged into water and includes any of the following:

(A) "Input change," which means a change in raw materials or feedstocks used in a production process or operation so as to reduce, avoid, or eliminate the generation of pollutants discharged in wastewater.

(B) "Operational improvement," which means improved site management so as to reduce, avoid, or eliminate the generation of pollutants discharged in wastewater.

(C) "Production process change," which means a change in a process, method, or technique that is used to produce a product or a desired result, including the return of materials or

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their components for reuse within the existing processes or operations, so as to reduce, avoid, or eliminate the generation of pollutants discharged in wastewater.

(D) "Product reformulation," which means changes in design, composition, or specifications of end products, including product substitution, so as to reduce, avoid, or eliminate the generation of problem pollutants discharged in wastewater.

(2) For the purposes of this section, "pollution prevention" does not include actions that merely shift a pollutant in wastewater from one environmental medium to another environmental medium, unless clear environmental benefits of such an approach are identified to the satisfaction of the state board, the regional board, or POTW.

(c) For the purposes of this section, "discharger" means any entity required to obtain a national pollutant discharge elimination system (NPDES) permit pursuant to the Clean Water Act (33 U.S.C. Sec. 1251 et seq.), or any entity subject to the pretreatment program as defined in Part 403 (commencing with Section 403.1) of Subchapter N of Chapter 1 of Part 403 of Title 40 of the Code of Federal Regulations.

(d)

(1) The state board, a regional board, or a POTW may require a discharger subject to its jurisdiction to complete and implement a pollution prevention plan if any of the following apply:

(A) A discharger is determined by the state board to be a chronic violator, and the state board, a regional board, or the POTW determines that pollution prevention could assist in achieving compliance.

(B) The discharger significantly contributes, or has the potential to significantly contribute, to the creation of a toxic hot spot as defined in Section 13391.5.

(C) The state board, a regional board, or a POTW determines pollution prevention is necessary to achieve a water quality objective.

(D) The discharger is subject to a cease and desist order issued pursuant to Section 13301 or a time schedule order issued pursuant to Section 13300 or 13308.

(2) A pollution prevention plan required of a discharger other than a POTW pursuant to paragraph (1) shall include all of the following:

(A) An analysis of one or more of the pollutants, as directed by the state board, a regional board, or a POTW, that the facility discharges into water or introduces into POTWs, a description of the sources of the pollutants, and a comprehensive review of the processes used by the discharger that result in the generation and discharge of the pollutants.

(B) An analysis of the potential for pollution prevention to reduce the generation of the pollutants, including the application of innovative and alternative technologies and any adverse environmental impacts resulting from the use of those methods.

(C) A detailed description of the tasks and time schedules required to investigate and implement various elements of pollution prevention techniques.

(D) A statement of the discharger's pollution prevention goals and strategies, including priorities for short-term and long-term action.

(E) A description of the discharger's existing pollution prevention methods.

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(F) A statement that the discharger's existing and planned pollution prevention strategies do not constitute cross media pollution transfers unless clear environmental benefits of such an approach are identified to the satisfaction of the state board, the regional board, or the POTW, and information that supports that statement.

(G) Proof of compliance with the Hazardous Waste Source Reduction and Management Review Act of 1989 (Article 11.9 (commencing with Section 25244.12) of Chapter 6.5 of Division 20 of the Health and Safety Code) if the discharger is also subject to that act.

(H) An analysis, to the extent feasible, of the relative costs and benefits of the possible pollution prevention activities.

(I) A specification of, and rationale for, the technically feasible and economically practicable pollution prevention measures selected by the discharger for implementation.

(3) The state board or a regional board may require a POTW to complete and implement a pollution prevention plan that includes all of the following:

(A) An estimate of all of the sources of a pollutant contributing, or potentially contributing, to the loading of that pollutant in the treatment plant influent.

(B) An analysis of the methods that could be used to prevent the discharge of the pollutants into the POTW, including application of local limits to industrial or commercial dischargers regarding pollution prevention techniques, public education and outreach, or other innovative and alternative approaches to reduce discharges of the pollutant to the POTW. The analysis also shall identify sources, or potential sources, not within the ability or authority of the POTW to control, such as pollutants in the potable water supply, airborne pollutants, pharmaceuticals, or pesticides, and estimate the magnitude of those sources, to the extent feasible.

(C) An estimate of load reductions that may be attained through the methods identified in subparagraph (B).

(D) A plan for monitoring the results of the pollution prevention program.

(E) A description of the tasks, cost, and time required to investigate and implement various elements in the pollution prevention plan.

(F) A statement of the POTW's pollution prevention goals and strategies, including priorities for short-term and long-term action, and a description of the POTW's intended pollution prevention activities for the immediate future.

(G) A description of the POTW's existing pollution prevention programs.

(H) An analysis, to the extent feasible, of any adverse environmental impacts, including cross media impacts or substitute chemicals, that may result from the implementation of the pollution prevention program.

(I) An analysis, to the extent feasible, of the costs and benefits that may be incurred to implement the pollution prevention program.

(e) The state board, a regional board, or a POTW may require a discharger subject to this section to comply with the pollution prevention plan developed by the discharger after providing an opportunity for comment at a public proceeding with regard to that plan.

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(f) The state board, regional boards, and POTWs shall make the pollution prevention plans available for public review, except to the extent that information is classified as confidential because it is a trade secret. Trade secret information shall be set forth in an appendix that is not available to the public.

(g) The state board or regional board may assess civil liability pursuant to paragraph (1) of subdivision (c) of Section 13385 against a discharger for failure to complete a pollution prevention plan required by the state board or a regional board, for submitting a plan that does not comply with the act, or for not implementing a plan, unless the POTW has assessed penalties for the same action.

(h) A POTW may assess civil penalties and civil administrative penalties pursuant to Sections 54740, 54740.5, and 54740.6 of the Government Code against a discharger for failure to complete a pollution prevention plan when required by the POTW, for submitting a plan that does not comply with the act, or for not implementing a plan, unless the state board or a regional board has assessed penalties for the same action.

(i) A discharger may change its pollution prevention plan, including withdrawing from a pollution prevention measure required by the state board, a regional board, or a POTW, if the discharger determines that the measure will have a negative impact on product quality, the safe operation of the facility, or the environmental aspects of the facility's operation, or the discharger determines that the measure is economically impracticable or technologically infeasible. Where practicable and feasible, the discharger shall replace the withdrawn measure with a measure that will likely achieve similar pollution prevention objectives. A measure may be withdrawn pursuant to this subdivision only with the approval of the executive officer of the state board or the regional board, or the POTW.

(j) The state board shall adopt a sample format to be used by dischargers for completing the plan required by this section. The sample format shall address all of the factors the discharger is required to include in the plan. The board may include any other factors determined by the board to be necessary to carry out this section. The adoption of the sample format pursuant to this section is not subject to Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code.

(k) The state board, a regional board, or POTW may not include a pollution prevention plan in any waste discharge requirements or other permit issued by that agency.

(l) This section prevails over Section 13263.3, as added to the Water Code by Assembly Bill 1104 of the 1999–2000 Regular Session.

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§13263.5. Well injection general mandate

(a) When the regional board issues waste discharge requirements pursuant to Section 13263, or revises waste discharge requirements pursuant to subdivision (g) of Section 25159.17 of the Health and Safety Code, for any injection well into which hazardous waste is discharged, the waste discharge requirements shall be based upon the information contained in the hydrogeological assessment report prepared pursuant to Section 25159.18 of the Health and Safety Code and shall include conditions in the waste discharge requirements to ensure that the waters of the state are not polluted or threatened with pollution.

(b) If the state board applies to the federal Environmental Protection Agency to administer the Underground Injection Control Program pursuant to Part 145 (commencing with Section 145.1) of Subchapter D of Chapter 1 of Title 40 of the Code of Federal Regulations, that application shall not include a request to administer the Underground Injection Control Program for any oil, gas, or geothermal injection wells supervised or regulated by the Division of Oil and Gas pursuant to Section 3106 or 3714 of the Public Resources Code.

§13263.6. Publicly Owned Treatment Works (1 of 2)

(a) A publicly owned treatment works (POTW) may require pollution prevention plans as described in Section 13263.3 as part of the pretreatment requirements applicable to significant industrial users.

(b) The state board or a regional board shall prescribe effluent limitations as part of the waste discharge requirements of a POTW for all substances that the most recent toxic chemical release data reported to the state emergency response commission pursuant to Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (42 U.S.C. Sec. 11023) indicate are discharged into the POTW and that the state board or a regional board has determined has the reasonable potential to impair water quality.

§13263.6. POTW effluent limitations (2 of 2)

(a) The regional board shall prescribe effluent limitations as part of the waste discharge requirements of a POTW for all substances that the most recent toxic chemical release data reported to the state emergency response commission pursuant to Section 313 of the Emergency Planning and Community Right to Know Act of 1986 (42 U.S.C. Sec. 11023) indicate as discharged into the POTW, for which the state board or the regional board has established numeric water quality objectives, and has determined that the discharge is or may be discharged at a level which will cause, have the reasonable potential to cause, or contribute to, an excursion above any numeric water quality objective.

(b) This section prevails over Section 13263.6, as added to the Water Code by Assembly Bill 1104 of the 1999–2000 Regular Session.

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§13263.7. Effluent limit compliance locations for DPR and SWA (Effective January 1, 2014)

(a) Compliance with effluent limitations and any other permit or waste discharge requirements, as appropriate, for the release or discharge of recycled water determined to be suitable for direct potable reuse or surface water augmentation, as defined in Section 13561, into a conveyance facility may be determined at the point where the recycled water enters the conveyance facility but prior to commingling with any raw water.

(b) Before the discharge may be allowed, consent must be obtained from the owner or operator of the conveyance facility that directly receives the recycled water.

(c) This section does not limit or restrict the authority of the State Water Resources Control Board.

(d) For purposes of this section, "raw water" means surface water or groundwater in its naturally occurring state prior to treatment.

§13264. Injection well – new or changed discharges

(a) No person shall initiate any new discharge of waste or make any material changes in any discharge, or initiate a discharge to, make any material changes in a discharge to, or construct, an injection well, prior to the filing of the report required by Section 13260 and no person shall take any of these actions after filing the report but before whichever of the following occurs first:

(1) The issuance of waste discharge requirements pursuant to Section 13263.

(2) The expiration of 140 days after compliance with Section 13260 if the waste to be discharged does not create or threaten to create a condition of pollution or nuisance and any of the following applies:

(A) The project is not subject to the California Environmental Quality Act (Division 13 (commencing with Section 21000) of the Public Resources Code).

(B) The regional board is the lead agency for purposes of the California Environmental Quality Act, a negative declaration is required, and at least 105 days have expired since the regional board assumed lead agency responsibility.

(C) The regional board is the lead agency for the purposes of the California Environmental Quality Act, and environmental impact report or written documentation prepared to meet the requirements of Section 21080.5 of the Public Resources Code is required, and at least one year has expired since the regional board assumed lead agency responsibility.

(D) The regional board is a responsible agency for purposes of the California Environmental Quality Act, and at least 90 days have expired since certification or approval of environmental documentation by the lead agency.

(3) The issuance of a waiver pursuant to Section 13269.

(b) The Attorney General, at the request of a regional board, shall petition the superior court for the issuance of a temporary restraining order, preliminary injunction, or permanent injunction, or combination thereof, as may be appropriate, prohibiting any person who is

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violating or threatening to violate this section from doing any of the following, whichever is applicable:

- (1) Discharging the waste or fluid.
- (2) Making any material change in the discharge.
- (3) Constructing the injection well.

(c)

(1) Notwithstanding any other provision of law, moneys collected under this division for a violation pursuant to paragraph (2) of subdivision (a) shall be deposited in the Waste Discharge Permit Fund and separately accounted for in that fund.

(2) The funds described in paragraph (1) shall be expended by the state board, upon appropriation by the Legislature, to assist regional boards, and other public agencies with authority to clean up waste or abate the effects of the waste, in cleaning up or abating the effects of the waste on waters of the state or for the purposes authorized in Section 13443.

§13265. Discharge violations

(a) Any person discharging waste in violation of Section 13264, after such violation has been called to his attention in writing by the regional board, is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (b). Each day of such discharge shall constitute a separate offense.

(b)

(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.

(2) Civil liability may be imposed by the superior court in accordance with Articles 5 (commencing with Section 13350) and 6 (commencing with Section 13360) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed five thousand dollars (\$5,000) for each day in which the violation occurs.

(c) Any person discharging hazardous waste, as defined in Section 25117 of the Health and Safety Code, in violation of Section 13264 is guilty of a misdemeanor and may be liable civilly in accordance with subdivision (d). That liability shall not be imposed if the discharger is not negligent and immediately files a report of the discharge with the board, or if the regional board determines that the violation of Section 13264 was insubstantial.

This subdivision shall not be applicable to any waste discharge which is subject to Chapter 5.5 (commencing with Section 13370).

(d)

(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5 for a violation of subdivision (c)

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in an amount which shall not exceed five thousand dollars (\$5,000) for each day in which the violation occurs.

(2) Civil liability may be imposed by the superior court in accordance with Articles 5 (commencing with Section 13350) and 6 (commencing with Section 13360) of Chapter 5 for a violation of subdivision (c) in an amount which shall not exceed twenty-five thousand dollars (\$25,000) for each day in which the violation occurs.

§13266. Local notification to Regional Board

Pursuant to such regulations as the regional board may prescribe, each city, county, or city and county shall notify the regional board of the filing of a tentative subdivision map, or of any application for a building permit which may involve the discharge of waste, other than discharges into a community sewer system and discharges from dwellings involving five-family units or less.

§13267. Authority to investigate water quality

(a) A regional board, in establishing or reviewing any water quality control plan or waste discharge requirements, or in connection with any action relating to any plan or requirement authorized by this division, may investigate the quality of any waters of the state within its region.

(b)

(1) In conducting an investigation specified in subdivision (a), the regional board may require that any person who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge waste within its region, or any citizen or domiciliary, or political agency or entity of this state who has discharged, discharges, or is suspected of having discharged or discharging, or who proposes to discharge, waste outside of its region that could affect the quality of waters within its region shall furnish, under penalty of perjury, technical or monitoring program reports which the regional board requires. The burden, including costs, of these reports shall bear a reasonable relationship to the need for the report and the benefits to be obtained from the reports. In requiring those reports, the regional board shall provide the person with a written explanation with regard to the need for the reports, and shall identify the evidence that supports requiring that person to provide the reports.

(2) When requested by the person furnishing a report, the portions of a report that might disclose trade secrets or secret processes may not be made available for inspection by the public but shall be made available to governmental agencies for use in making studies. However, these portions of a report shall be available for use by the state or any state agency in judicial review or enforcement proceedings involving the person furnishing the report.

(c) In conducting an investigation pursuant to subdivision (a), the regional board may inspect the facilities of any person to ascertain whether the purposes of this division are being met and waste discharge requirements are being complied with. The inspection shall be made with the consent of the owner or possessor of the facilities or, if the consent is withheld, with a warrant

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duly issued pursuant to the procedure set forth in Title 13 (commencing with Section 1822.50) of Part 3 of the Code of Civil Procedure. However, in the event of an emergency affecting the public health or safety, an inspection may be performed without consent or the issuance of a warrant.

(d) The state board or a regional board may require any person, including a person subject to a waste discharge requirement under Section 13263, who is discharging, or who proposes to discharge, wastes or fluid into an injection well, to furnish the state board or regional board with a complete report on the condition and operation of the facility or injection well, or any other information that may be reasonably required to determine whether the injection well could affect the quality of the waters of the state.

(e) As used in this section, "evidence" means any relevant evidence on which responsible persons are accustomed to rely in the conduct of serious affairs, regardless of the existence of any common law or statutory rule which might make improper the admission of the evidence over objection in a civil action.

(f) The state board may carry out the authority granted to a regional board pursuant to this section if, after consulting with the regional board, the state board determines that it will not duplicate the efforts of the regional board.

§13268. Failure to furnish a technical or monitoring report

(a)

(1) Any person failing or refusing to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267, or failing or refusing to furnish a statement of compliance as required by subdivision (b) of Section 13399.2, or falsifying any information provided therein, is guilty of a misdemeanor, and may be liable civilly in accordance with subdivision (b).

(2) Any person who knowingly commits any violation described in paragraph (1) is subject to criminal penalties pursuant to subdivision (e).

(b)

(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed one thousand dollars (\$1,000) for each day in which the violation occurs.

(2) Civil liability may be imposed by the superior court in accordance with Article 5 (commencing with Section 13350) and Article 6 (commencing with Section 13360) of Chapter 5 for a violation of subdivision (a) in an amount which shall not exceed five thousand dollars (\$5,000) for each day in which the violation occurs.

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(c) Any person discharging hazardous waste, as defined in Section 25117 of the Health and Safety Code, who knowingly fails or refuses to furnish technical or monitoring program reports as required by subdivision (b) of Section 13267, or who knowingly falsifies any information provided in those technical or monitoring program reports, is guilty of a misdemeanor, may be civilly liable in accordance with subdivision (d), and is subject to criminal penalties pursuant to subdivision (e).

(d)

(1) Civil liability may be administratively imposed by a regional board in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5 for a violation of subdivision (c) in an amount which shall not exceed five thousand dollars (\$5,000) for each day in which the violation occurs.

(2) Civil liability may be imposed by the superior court in accordance with Article 5 (commencing with Section 13350) and Article 6 (commencing with Section 13360) of Chapter 5 for a violation of subdivision (c) in an amount which shall not exceed twenty-five thousand dollars (\$25,000) for each day in which the violation occurs.

(e)

(1) Subject to paragraph (2), any person who knowingly commits any of the violations set forth in subdivision (a) or (c) shall be punished by a fine that does not exceed twenty-five thousand dollars (\$25,000).

(2) Any person who knowingly commits any of the violations set forth in subdivision (a) or (c) after a prior conviction for a violation set forth in subdivision (a) or (c) shall be punished by a fine that does not exceed twenty-five thousand dollars (\$25,000) for each day of the violation.

(f)

(1) Notwithstanding any other provision of law, fines collected pursuant to subdivision (e) shall be deposited in the Waste Discharge Permit Fund and separately accounted for in that fund.

(2) The funds described in paragraph (1) shall be expended by the state board, upon appropriation by the Legislature, to assist regional boards, and other public agencies with authority to clean up waste, or abate the effects of the waste, in cleaning up or abating the effects of the waste on waters of the state or for the purposes authorized in Section 13443.

(g) The state board may carry out the authority granted to a regional board pursuant to this section if, after consulting with the regional board, the state board determines that it will not duplicate the efforts of the regional board.

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§13269. Waivers

(a)

(1) On and after January 1, 2000, the provisions of subdivisions (a) and (c) of Section 13260, subdivision (a) of Section 13263, or subdivision (a) of Section 13264 may be waived by the state board or a regional board as to a specific discharge or type of discharge if the state board or a regional board determines, after any necessary state board or regional board meeting, that the waiver is consistent with any applicable state or regional water quality control plan and is in the public interest. The state board or a regional board shall give notice of any necessary meeting by publication pursuant to Section 11125 of the Government Code.

(2) A waiver may not exceed five years in duration, but may be renewed by the state board or a regional board. The waiver shall be conditional and may be terminated at any time by the state board or a regional board. The conditions of the waiver shall include, but need not be limited to, the performance of individual, group, or watershed-based monitoring, except as provided in paragraph (3). Monitoring requirements shall be designed to support the development and implementation of the waiver program, including, but not limited to, verifying the adequacy and effectiveness of the waiver's conditions. In establishing monitoring requirements, the regional board may consider the volume, duration, frequency, and constituents of the discharge; the extent and type of existing monitoring activities, including, but not limited to, existing watershed-based, compliance, and effectiveness monitoring efforts; the size of the project area; and other relevant factors. Monitoring results shall be made available to the public.

(3) The state board or a regional board may waive the monitoring requirements described in this subdivision for discharges that it determines do not pose a significant threat to water quality.

(4)

(A) The state board or a regional board may include as a condition of a waiver the payment of an annual fee established by the state board in accordance with subdivision (f) of Section 13260.

(B) Funds generated by the payment of the fee shall be deposited in the Waste Discharge Permit Fund for expenditure, upon appropriation by the Legislature, by the state board or appropriate regional board for the purpose of carrying out activities limited to those necessary to establish and implement the waiver program pursuant to this section. The total amount of annual fees collected pursuant to this section shall not exceed the costs of those activities necessary to establish and implement waivers of waste discharge requirements pursuant to this section.

(C) In establishing the amount of a fee that may be imposed on irrigated agriculture operations pursuant to this section, the state board shall consider relevant factors, including, but not limited to, all of the following:

(i) The size of the operations.

(ii) Any compliance costs borne by the operations pursuant to state and federal water quality regulations.

(iii) Any costs associated with water quality monitoring performed or funded by the operations.

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(iv) Participation in a watershed management program approved by the applicable regional board.

(D) In establishing the amount of a fee that may be imposed on silviculture operations pursuant to this section, the state board shall consider relevant factors, including, but not limited to, all of the following:

(i) The size of the operations.

(ii) Any compliance costs borne by the operations pursuant to state and federal water quality regulations.

(iii) Any costs associated with water quality monitoring performed or funded by the operations.

(iv) The average annual number of timber harvest plans proposed by the operations.

(5) The state board or a regional board shall give notice of the adoption of a waiver by publication within the affected county or counties as set forth in Section 6061 of the Government Code.

(b)

(1) A waiver in effect on January 1, 2000, shall remain valid until January 1, 2003, unless the regional board terminates that waiver prior to that date. All waivers that were valid on January 1, 2000, and granted an extension until January 1, 2003, and not otherwise terminated, may be renewed by a regional board in five-year increments.

(2) Notwithstanding paragraph (1), a waiver for an onsite sewage treatment system that is in effect on January 1, 2002, shall remain valid until June 30, 2004, unless the regional board terminates the waiver prior to that date. Any waiver for onsite sewage treatment systems adopted or renewed after June 30, 2004, shall be consistent with the applicable regulations or standards for onsite sewage treatment systems adopted or retained in accordance with Section 13291.

(c) Upon notification of the appropriate regional board of the discharge or proposed discharge, except as provided in subdivision (d), the provisions of subdivisions (a) and (c) of Section 13260, subdivision (a) of Section 13263, and subdivision (a) of Section 13264 do not apply to a discharge resulting from any of the following emergency activities:

(1) Immediate emergency work necessary to protect life or property or immediate emergency repairs to public service facilities necessary to maintain service as a result of a disaster in a disaster-stricken area in which a state of emergency has been proclaimed by the Governor pursuant to Chapter 7 (commencing with Section 8550) of Division 1 of Title 2 of the Government Code.

(2) Emergency projects undertaken, carried out, or approved by a public agency to maintain, repair, or restore an existing highway, as defined in Section 360 of the Vehicle Code, except for a highway designated as an official state scenic highway pursuant to Section 262 of the Streets and Highways Code, within the existing right-of-way of the highway, damaged as a result of fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide within one year of the damage. This paragraph does not exempt from this section any project

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undertaken, carried out, or approved by a public agency to expand or widen a highway damaged by fire, flood, storm, earthquake, land subsidence, gradual earth movement, or landslide.

(d) Subdivision (c) is not a limitation of the authority of a regional board under subdivision (a) to determine that any provision of this division shall not be waived or to establish conditions of a waiver. Subdivision (c) shall not apply to the extent that it is inconsistent with any waiver or other order or prohibition issued under this division.

(e) The regional boards and the state board shall require compliance with the conditions pursuant to which waivers are granted under this section.

(f) Prior to renewing any waiver for a specific type of discharge established under this section, the state board or a regional board shall review the terms of the waiver policy at a public hearing. At the hearing, the state board or a regional board shall determine whether the discharge for which the waiver policy was established should be subject to general or individual waste discharge requirements.

§13270. Public agency leasing land for waste disposal

Where a public agency as defined in subdivision (b) of Section 13400 leases land for waste disposal purposes to any other public agency, including the State of California, or to any public utility regulated by the Public Utilities Commission, the provisions of Sections 13260, 13263, and 13264 shall not require the lessor public agency to file any waste discharge report for the subject waste disposal, and the regional board and the state board shall not prescribe waste discharge requirements for the lessor public agency as to such land provided that the lease from the lessor public agency shall not contain restrictions which would unreasonably limit the ability of the lessee to comply with waste discharge requirements appurtenant to the leased property.

§13271. Hazardous waste or sewage discharges to waters

(a)

(1) Except as provided by subdivision (b), any person who, without regard to intent or negligence, causes or permits any hazardous substance or sewage to be discharged in or on any waters of the state, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the state, shall, as soon as (A) that person has knowledge of the discharge, (B) notification is possible, and (C) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the state toxic disaster contingency plan adopted pursuant to Article 3.7 (commencing with Section 8574.16) of Chapter 7 of Division 1 of Title 2 of the Government Code.

(2) The Office of Emergency Services shall immediately notify the appropriate regional board, the local health officer, and the director of environmental health of the discharge. The regional board shall notify the state board as appropriate.

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(3) Upon receiving notification of a discharge pursuant to this section, the local health officer and the director of environmental health shall immediately determine whether notification of the public is required to safeguard public health and safety. If so, the local health officer and the director of environmental health shall immediately notify the public of the discharge by posting notices or other appropriate means. The notification shall describe measures to be taken by the public to protect the public health.

(b) The notification required by this section shall not apply to a discharge in compliance with waste discharge requirements or other provisions of this division.

(c) Any person who fails to provide the notice required by this section is guilty of a misdemeanor and shall be punished by a fine of not more than twenty thousand dollars (\$20,000) or imprisonment in a county jail for not more than one year, or both. Except where a discharge to the waters of this state would have occurred but for cleanup or emergency response by a public agency, this subdivision shall not apply to any discharge to land which does not result in a discharge to the waters of this state.

(d) Notification received pursuant to this section or information obtained by use of that notification shall not be used against any person providing the notification in any criminal case, except in a prosecution for perjury or giving a false statement.

(e) For substances listed as hazardous wastes or hazardous material pursuant to Section 25140 of the Health and Safety Code, the state board, in consultation with the Department of Toxic Substances Control, shall by regulation establish reportable quantities for purposes of this section. The regulations shall be based on what quantities should be reported because they may pose a risk to public health or the environment if discharged to groundwater or surface water. Regulations need not set reportable quantities on all listed substances at the same time. Regulations establishing reportable quantities shall not supersede waste discharge requirements or water quality objectives adopted pursuant to this division, and shall not supersede or affect in any way the list, criteria, and guidelines for the identification of hazardous wastes and extremely hazardous wastes adopted by the Department of Toxic Substances Control pursuant to Chapter 6.5 (commencing with Section 25100) of Division 20 of the Health and Safety Code. The regulations of the Environmental Protection Agency for reportable quantities of hazardous substances for purposes of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended (42 U.S.C. Sec. 9601 et seq.) shall be in effect for purposes of the enforcement of this section until the time that the regulations required by this subdivision are adopted.

(f)

(1) The state board shall adopt regulations establishing reportable quantities of sewage for purposes of this section. The regulations shall be based on the quantities that should be reported because they may pose a risk to public health or the environment if discharged to

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groundwater or surface water. Regulations establishing reportable quantities shall not supersede waste discharge requirements or water quality objectives adopted pursuant to this division. For purposes of this section, "sewage" means the effluent of a municipal wastewater treatment plant or a private utility wastewater treatment plant, as those terms are defined in Section 13625, except that sewage does not include recycled water, as defined in subdivisions (c) and (d) of Section 13529.2.

(2) A collection system owner or operator, as defined in paragraph (1) of subdivision (a) of Section 13193, in addition to the reporting requirements set forth in this section, shall submit a report pursuant to subdivision (c) of Section 13193.

(g) Except as otherwise provided in this section and Section 8589.7 of the Government Code, a notification made pursuant to this section shall satisfy any immediate notification requirement contained in any permit issued by a permitting agency. When notifying the Office of Emergency Services, the person shall include all of the notification information required in the permit.

(h) For the purposes of this section, the reportable quantity for perchlorate shall be 10 pounds or more by discharge to the receiving waters, unless a more restrictive reporting standard for a particular body of water is adopted pursuant to subdivision (e).

(i) Notification under this section does not nullify a person's responsibility to notify the local health officer or the director of environmental health pursuant to Section 5411.5 of the Health and Safety Code.

§13272. Oil or petroleum discharges

(a) Except as provided by subdivision (b), any person who, without regard to intent or negligence, causes or permits any oil or petroleum product to be discharged in or on any waters of the state, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the state, shall, as soon as (1) that person has knowledge of the discharge, (2) notification is possible, and (3) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the Office of Emergency Services of the discharge in accordance with the spill reporting provision of the California oil spill contingency plan adopted pursuant to Article 3.5 (commencing with Section 8574.1) of Chapter 7 of Division 1 of Title 2 of the Government Code.

(b) The notification required by this section shall not apply to a discharge in compliance with waste discharge requirements or other provisions of this division.

(c) Any person who fails to provide the notice required by this section is guilty of a misdemeanor and shall be punished by a fine of not less than five hundred dollars (\$500) or more than five thousand dollars (\$5,000) per day for each day of failure to notify, or imprisonment of not more than one year, or both. Except where a discharge to the waters of this state would have occurred but for cleanup or emergency response by a public agency, this subdivision shall not

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apply to any discharge to land that does not result in a discharge to the waters of this state. This subdivision shall not apply to any person who is fined by the federal government for a failure to report a discharge of oil.

(d) Notification received pursuant to this section or information obtained by use of that notification shall not be used against any person providing the notification in any criminal case, except in a prosecution for perjury or giving a false statement.

(e) Immediate notification to the appropriate regional board of the discharge, in accordance with reporting requirements set under Section 13267 or 13383, shall constitute compliance with the requirements of subdivision (a).

(f) The reportable quantity for oil or petroleum products shall be one barrel (42 gallons) or more, by direct discharge to the receiving waters, unless a more restrictive reporting standard for a particular body of water is adopted.

§13272.1. MTBE

Each regional board shall publish and distribute on a quarterly basis to all public water system operators within the region of the regional board, a list of discharges of MTBE that occurred during the quarter and a list of locations where MTBE was detected in the groundwater within the region of the regional board.

§13273. State Board ranking of waste disposal sites

(a) The state board shall, on or before January 1, 1986, rank all solid waste disposal sites, as defined in paragraph (5) of subdivision (i) of Section 41805.5 of the Health and Safety Code, based upon the threat they may pose to water quality. On or before July 1, 1987, the operators of the first 150 solid waste disposal sites ranked on the list shall submit a solid waste water quality assessment test to the appropriate regional board for its examination pursuant to subdivision (d). On or before July 1 of each succeeding year, the operators of the next 150 solid waste disposal sites ranked on the list shall submit a solid waste water quality assessment test to the appropriate regional board for its examination pursuant to subdivision (d).

(b) Before a solid waste water quality assessment test report may be submitted to the regional board, a professional geologist, registered pursuant to Section 7850 of the Business and Professions Code, a certified engineering geologist, certified pursuant to Section 7842 of the Business and Professions Code, or a civil engineer registered pursuant to Section 6762 of the Business and Professions Code, who has at least five years' experience in groundwater hydrology, shall certify that the report contains all of the following information and any other information which the state board may, by regulation, require:

(1) An analysis of the surface and groundwater on, under, and within one mile of the solid waste disposal site to provide a reliable indication whether there is any leakage of hazardous waste.

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(2) A chemical characterization of the soil-pore liquid in those areas which are likely to be affected if the solid waste disposal site is leaking, as compared to geologically similar areas near the solid waste disposal site which have not been affected by leakage or waste discharge.

(c) If the regional board determines that the information specified in paragraph (1) or (2) is not needed because other information demonstrates that hazardous wastes are migrating into the water, the regional board may waive the requirement to submit this information specified in paragraphs (1) and (2) of subdivision (b). The regional board shall also notify the Department of Toxic Substances Control, and shall take appropriate remedial action pursuant to Chapter 5 (commencing with Section 13300).

(d) The regional board shall examine the report submitted pursuant to subdivision (b) and determine whether the number, location, and design of the wells and the soil testing could detect any leachate buildup, leachate migration, or hazardous waste migration. If the regional board determines that the monitoring program could detect the leachate and hazardous waste, the regional board shall take the action specified in subdivision (e). If the regional board determines that the monitoring program was inadequate, the regional board shall require the solid waste disposal site to correct the monitoring program and resubmit the solid waste assessment test based upon the results from the corrected monitoring program.

(e) The regional board shall examine the approved solid waste assessment test report and determine whether any hazardous waste migrated into the water. If the regional board determines that hazardous waste has migrated into the water, it shall notify the Department of Toxic Substances Control and the California Integrated Waste Management Board and shall take appropriate remedial action pursuant to Chapter 5 (commencing with Section 13300).

(f) When a regional board revises the waste discharge requirements for a solid waste disposal site, the regional board shall consider the information provided in the solid waste assessment test report and any other relevant site-specific engineering data provided by the site operator for that solid waste disposal site as part of a report of waste discharge.

§13273.1. Solid waste disposal site assessments

(a) Except as provided in subdivision (b), an operator of a solid waste disposal site may submit a solid waste assessment questionnaire to the appropriate regional board at least 24 months prior to the site's solid waste water quality assessment test due date as established pursuant to Section 13273. The regional board shall require the operator to submit any additional information, as needed, or require onsite verification of the solid waste assessment questionnaire data in order to render a decision pursuant to subdivision (c).

(b) Any solid waste disposal site which is larger than 50,000 cubic yards or is known or suspected to contain hazardous substances, other than household hazardous wastes, shall be prohibited from submitting a solid waste assessment questionnaire under this section.

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(c) The regional board shall complete a thorough analysis of each solid waste assessment questionnaire submitted pursuant to this section by a date 18 months prior to the solid waste assessment test due date. Based upon this analysis, the regional board shall determine whether or not the site has discharged hazardous substances which will impact the beneficial uses of water. If the regional board determines that the site has not so discharged hazardous substances, the regional board shall notify the operator that the operator is not required to prepare a solid waste water quality assessment test pursuant to Section 13273.

(d) If the regional board does not make the determination specified in subdivision (c), the operator shall submit all, or a portion of, a solid waste water quality assessment test. The regional board shall notify the operator of this determination and indicate if all, or what portion of, a solid waste water quality assessment test shall be required. The operator shall submit the solid waste water quality assessment test, or a portion thereof, by the date established pursuant to Section 13273.

(e) The state board shall develop a solid waste assessment questionnaire and guidelines for submittal no later than three months after the effective date of this statute adding this section. The questionnaire shall contain, but not be limited to, a characterization of the wastes, size of the site, age of the site, and other appropriate factors.

(f) Those operators of solid waste disposal sites listed by the state board pursuant to Section 13273 in Rank 3 and seeking an exemption under this section shall submit their solid waste assessment questionnaire no later than July 1, 1988. If the regional board does not make the determination specified in subdivision (c), the regional board shall require the operator to submit all, or a portion of, a solid waste water quality assessment test by July 1, 1990.

§13273.2. Solid waste disposal site reevaluations

Notwithstanding subdivision (b) of Section 13273.1, a regional board may reevaluate the status of any solid waste disposal site ranked pursuant to Section 13273, including those sites exempted pursuant to Section 13273.1, and may require the operator to submit or revise a solid waste water quality assessment test after July 1, 1989. The regional board shall give written notification to the operator that a solid waste assessment test is required and the due date. This section shall not require submittal of a solid waste water quality assessment test by a date earlier than established in accordance with Section 13273.

§13273.3. Operator definition

As used in Sections 13273, 13273.1, and 13273.2, "operator" means a person who operates or manages, or who has operated or managed, the solid waste disposal site. If the operator of the solid waste disposal site no longer exists, or is unable, as determined by the regional board, to comply with the requirements of Section 13273, 13273.1, or 13273.2, "operator" means any person who owns or who has owned the solid waste disposal site.

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§13273.5. Class III solid waste assessment exemption

Notwithstanding Section 13273, a small city which operates a Class III solid waste disposal site is not required to submit a solid waste water quality assessment test report pursuant to Section 13273 if the city has a population of less than 20,000 persons, the solid waste disposal site receives less than 20,000 tons of waste per year, the water table of the highest aquifer under the disposal site is 250 or more feet below the base of the disposal site and the water in the highest aquifer is not potable, and the site receives less than an average of 12 inches of rainfall per year.

This section applies only if the disposal site is operational and has been granted all required permits as of January 1, 1991, if the site is located in Kings County, and if the city has completed an initial solid waste water quality assessment test and a solid waste air quality assessment test which establish that no significant air or water contamination has occurred, and, in that event, the city shall be exempted from conducting further assessment tests for seven years, or any longer time specified by the regional board, after the date of the initial assessment tests.

§13274. General waste discharge requirements for biological solids

(a)

(1) The state board or a regional board, upon receipt of applications for waste discharge requirements for discharges of dewatered, treated, or chemically fixed sewage sludge and other biological solids, shall prescribe general waste discharge requirements for that sludge and those other solids. General waste discharge requirements shall replace individual waste discharge requirements for sewage sludge and other biological solids, and their prescription shall be considered to be a ministerial action.

(2) The general waste discharge requirements shall set minimum standards for agronomic applications of sewage sludge and other biological solids and the use of that sludge and those other solids as a soil amendment or fertilizer in agriculture, forestry, and surface mining reclamation, and may permit the transportation of that sludge and those other solids and the use of that sludge and those other solids at more than one site. The requirements shall include provisions to mitigate significant environmental impacts, potential soil erosion, odors, the degradation of surface water quality or fish or wildlife habitat, the accidental release of hazardous substances, and any potential hazard to the public health or safety.

(b) The state board or a regional board, in prescribing general waste discharge requirements pursuant to this section, shall comply with Division 13 (commencing with Section 21000) of the Public Resources Code and guidelines adopted pursuant to that division, and shall consult with the State Air Resources Board, the Department of Food and Agriculture, and the Department of Resources Recycling and Recovery.

(c) The state board or a regional board may charge a reasonable fee to cover the costs incurred by the board in the administration of the application process relating to the general waste discharge requirements prescribed pursuant to this section.

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(d) Notwithstanding any other law, except as specified in subdivisions (f) to (i), inclusive, general waste discharge requirements prescribed by a regional board pursuant to this section supersede regulations adopted by any other state agency to regulate sewage sludge and other biological solids applied directly to agricultural lands at agronomic rates.

(e) The state board or a regional board shall review general waste discharge requirements for possible amendment upon the request of any state agency, including, but not limited to, the Department of Food and Agriculture and the State Department of Public Health, if the board determines that the request is based on new information.

(f) This section is not intended to affect the jurisdiction of the Department of Resources Recycling and Recovery to regulate the handling of sewage sludge or other biological solids for composting, deposit in a landfill, or other use.

(g) This section is not intended to affect the jurisdiction of the State Air Resources Board or an air pollution control district or air quality management district to regulate the handling of sewage sludge or other biological solids for incineration.

(h) This section is not intended to affect the jurisdiction of the Department of Food and Agriculture in enforcing Sections 14591 and 14631 of the Food and Agricultural Code and any regulations adopted pursuant to those sections, regarding the handling of sewage sludge and other biological solids sold or used as fertilizer or as a soil amendment.

(i) This section does not restrict the authority of a local government agency to regulate the application of sewage sludge and other biological solids to land within the jurisdiction of that agency, including, but not limited to, the planning authority of the Delta Protection Commission, the resource management plan of which is required to be implemented by local government general plans.

§13275. Responsible Party definition (Effective January, 2016.)

(a) Notwithstanding any other law, a public water system regulated by the state board pursuant to Chapter 4 (commencing with Section 116270) of Part 12 of Division 104 of the Health and Safety Code shall have the same legal rights and remedies against a responsible party, when the water supply used by that public water system is contaminated, as those of a private land owner whose groundwater has been contaminated.

(b) For purposes of this section, "responsible party" has the same meaning as defined in Section 25323.5 of the Health and Safety Code.

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§13276. Cannabis cultivation impacts (Amended November 8, 2016.)

(a) The multiagency task force, the Department of Fish and Wildlife and State Water Resources Control Board pilot project to address the Environmental Impacts of Cannabis Cultivation, assigned to respond to the damages caused by marijuana cultivation on public and private lands in California, shall continue its enforcement efforts on a permanent basis and expand them to a statewide level to ensure the reduction of adverse impacts of marijuana cultivation on water quality and on fish and wildlife throughout the state.

(b) Each regional board shall, and the State Water Resources Control Board may, address discharges of waste resulting from medical marijuana cultivation and commercial marijuana cultivation under Division 10 of the Business and Professions Code and associated activities, including by adopting a general permit, establishing waste discharge requirements, or taking action pursuant to Section 13269. In addressing these discharges, each regional board shall include conditions to address items that include, but are not limited to, all of the following:

- (1) Site development and maintenance, erosion control, and drainage features.
- (2) Stream crossing installation and maintenance.
- (3) Riparian and wetland protection and management.
- (4) Soil disposal.
- (5) Water storage and use.
- (6) Irrigation runoff.
- (7) Fertilizers and soil.
- (8) Pesticides and herbicides.
- (9) Petroleum products and other chemicals.
- (10) Cultivation-related waste.
- (11) Refuse and human waste.
- (12) Cleanup, restoration, and mitigation.

Chapter 5. Enforcement and Implementation

Article 1. Administrative Enforcement and Remedies by the Regional Boards

§13304.1. Discharges of treated groundwater (Amended effective January 1, 2016)

(a) A groundwater cleanup system that commences operation on or after January 1, 2002, and that is required to obtain a discharge permit from the regional board pursuant to the regional board's jurisdiction, and that discharges treated groundwater to surface water or groundwater, shall treat the groundwater to standards approved by the regional board, consistent with this division and taking into account the beneficial uses of the receiving water and the location of the discharge and the method by which the discharge takes place.

(b) In making its determination of the applicable water quality standards to be achieved by the operator of a groundwater cleanup system that commences operation on or after January 1, 2002, that draws groundwater from an aquifer that is currently being used, or has been used at any time since 1979 as a source of drinking water supply by the owner or operator of a public

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water system, and that discharges treated groundwater to surface water or groundwater from which a public water system draws drinking water, the regional board shall consult with the affected groundwater management entity, if any, affected public water systems, and the state board to ensure that the discharge, spreading, or injection of the treated groundwater will not adversely affect the beneficial uses of any groundwater basin or surface water body that is or may be used by a public water system for the provision of drinking water.

Chapter 6. Financial Assistance

Article 1. State Water Quality Control Fund

§13400. Definitions (Amended effective January 1, 2016.)

As used in this chapter, unless otherwise apparent from the context:

(a) "Facilities" means any of the following:

(1) Facilities for the collection, treatment, or export of waste when necessary to prevent water pollution.

(2) Facilities to recycle wastewater and to convey recycled water.

(3) Facilities or devices to conserve water.

(4) Any combination of the facilities described in paragraph (1), (2), or (3).

(b) "Fund" means the State Water Quality Control Fund.

(c) "Not-for-profit organization" means an organization operated on a not-for-profit basis, including, but not limited to, an association, cooperative, or private corporation that is a public water system, as defined in Section 116275 of the Health and Safety Code, that meets technical, managerial, and financial capacity criteria specified by the state board for public water systems, or that is subject to regulatory authority pursuant to this division. "Not-for-profit organization" includes only an organization that is either controlled by a local public body or bodies or has a broadly based ownership by, or membership of, people of the local community.

(d) "Public agency" means any city, county, city and county, district, or other political subdivision of the state.

§13401. Fund's continuing existence

(a) The State Water Quality Control Fund is continued in existence. The following moneys in the fund are appropriated, without regard to fiscal years, for expenditure by the state board in making loans to public agencies in accordance with this chapter:

(1) The balance of the original moneys deposited in the fund.

(2) Any money repaid to the fund.

(3) Any remaining balance of the money in the fund deposited therein after the specific appropriations for loans to the South Tahoe Public Utility District, the North Tahoe Public Utility District, the Tahoe City Public Utility District, the Truckee Sanitary District, and to any other governmental entity in the areas served by such districts have been made.

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(b) Notwithstanding subdivision (a), upon the order of the state board, the money in the State Water Quality Control Fund shall be transferred to the State Water Pollution Control Revolving Fund.

Article 2. Loans to Local Agencies

§13410. Applications

Applications for construction loans under this chapter shall include:

(a) A description of the proposed facilities.

(b) A statement of facts showing the necessity for the proposed facilities and showing that funds of the public agency are not available for financing such facilities and that the sale of revenue or general obligation bonds through private financial institutions is impossible or would impose an unreasonable burden on the public agency.

(c) A proposed plan for repaying the loan.

(d) Other information as required by the state board.

§13411. CDPH consultation

Upon a determination by the state board, after consultation with the State Department of Health, that

(a) the facilities proposed by an applicant are necessary to the health or welfare of the inhabitants of the state,

(b) that the proposed facilities meet the needs of the applicant,

(c) that funds of the public agency are not available for financing such facilities and that the sale of revenue or general obligation bonds through private financial institutions is impossible or would impose an unreasonable burden on the public agency,

(d) that the proposed plan for repayment is feasible,

(e) in the case of facilities proposed under Section 13400(c)(1) that such facilities are necessary to prevent water pollution,

(f) in the case of facilities proposed under Section 13400(c)(2) that such facilities will produce recycled water and that the public agency has adopted a feasible program for use thereof, and

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(g) in the case of facilities proposed under Section 13400(c)(3) that such facilities are a cost effective means of conserving water, the state board, subject to approval by the Director of Finance, may loan to the applicant such sum as it determines is not otherwise available to the public agency to construct the proposed facilities.

§13412. Repayment

No loan shall be made to a public agency unless it executes an agreement with the state board under which it agrees to repay the amount of the loan, with interest, within 25 years at 50 percent of the average interest rate paid by the state on general obligation bonds sold in the calendar year immediately preceding the year in which the loan agreement is executed.

§13413. Construction halted under health department orders

It is the policy of this state that, in making construction loans under this article, the state board should give special consideration to facilities proposed to be constructed by public agencies in areas in which further construction of buildings has been halted by order of the State Department of Health or a local health department, or both, or notice has been given that such an order is being considered; provided, however, that the public agencies designated in this section shall otherwise comply with and meet all requirements of other provisions of this chapter.

§13414. Funding monies repaid

All money received in repayment of loans under this chapter shall be paid to the State Treasurer and credited to the fund.

§13415. Loans for studies and investigations

(a) Loans may be made by the state board to public agencies to pay not more than one half of the cost of studies and investigations made by such public agencies in connection with waste water reclamation.

(b) Not more than a total of two hundred thousand dollars (\$200,00) shall be loaned pursuant to this section in any fiscal year, and not more than fifty thousand dollars (\$50,000) shall be loaned to any public agency in any fiscal year pursuant to this section. In the event that less than two million dollars (\$2,000,000) is available in any fiscal year for loans under this article, then not more than 10 percent of the available amount shall be available for loans for studies and investigations pursuant to this section.

(c) Applications for such loans shall be made in such form, and shall contain such information, as may be required by the state board.

(d) Such loans shall be repaid within a period not to exceed 10 years, with interest at a rate established in the manner provided in Section 13412.

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§13416. Election required to enter into loan contract

Before a public agency may enter into a contract with the state board for a construction loan under this chapter, the public agency shall hold an election on the proposition of whether or not the public agency shall enter into the proposed contract and more than 50 percent of the votes cast at such election must be in favor of such proposition.

§13417. Election procedure

The election shall be held in accordance with the following provisions:

(a) The procedure for holding an election on the incurring of bonded indebtedness by such public agency shall be utilized for an election of the proposed contract as nearly as the same may be applicable. Where the law applicable to such agency does not contain such bond election procedure, the procedure set forth in the Revenue Bond Law of 1941 (Chapter 6 (commencing with Section 54300) Part 1, Division 2, Title 5 of the Government Code), as it may now or hereafter be amended, shall be utilized as nearly as the same may be applicable.

(b) No particular form of ballot is required.

(c) The notice of the election shall include a statement of the time and place of the election, the purpose of the election, the general purpose of the contract, and the maximum amount of money to be borrowed from the state under the contract.

(d) The ballots for the election shall contain a brief statement of the general purpose of the contract substantially as stated in the notice of the election, shall state the maximum amount of money to be borrowed from the state under the contract, and shall contain the words "Execution of contract --Yes" and "Execution of contract--No."

(e) The election shall be held in the entire public agency except where the public agency proposes to contract with the state board on behalf of a specified portion, or of specified portions of the public agency, in which case the election shall be held in such portion or portions of the public agency only.

§13418. Tahoe moratorium

Notwithstanding any provision of this chapter or any other provision of law, including, but not limited to, the provisions of Chapter 47 and 137 of the Statutes of 1966, First Extraordinary Session, Chapter 1679 of the Statutes of 1967, Chapter 1356 of the Statutes of 1969, and Chapter 920 of the Statutes of 1970, or the provisions of any existing loan contract entered into pursuant to this chapter or any other such provision of law, there shall be a two-year moratorium following the effective date of this section on that portion of the principal and interest payments otherwise required in repayment of funds heretofore loaned to the North Tahoe Public Utility District, the Tahoe City Public Utility District, the South Tahoe Public Utility District, the Truckee Sanitary District, the Squaw Valley County Water District, and the Alpine Springs County Water District pursuant to this chapter or any act of the Legislature authorizing a state

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loan for the purpose of permitting any such agency to construct necessary sewage and storm drainage facilities to prevent and control water pollution in the area served by such agency, equal in percentage, as determined by the Department of Finance, to the percentage of property tax revenues lost to the agency by reason of the adoption of Article XIII A of the California Constitution, unless moneys are otherwise available for such repayment from state allocations or the sale of bonds authorized on or before July 1, 1978, but unissued. The provisions of this section do not apply to any sums which are required to be repaid immediately or in accordance with an accelerated time schedule pursuant to a duly entered stipulated judgment between the State of California and the Tahoe City Public Utility District. Interest on loans shall accrue during the moratorium period and be repaid by the recipients of the loans, in addition to the normal principal and interest payments.

Article 2.5 Local Bonds

§13425. Applications

Applications for guarantees for local agency bonds under this chapter shall include:

- (a) A description of the proposed facilities.
- (b) A financing plan for the proposed facilities, including the amount of debt and maximum term to maturity of the proposed local agency bond issue and identification of sources of revenue that will be dedicated to payment of principal and interest on the bonds.
- (c) Other information as required by the state board. The state board may provide that the application may be combined with applications for any other source of funds administered by the state board.

§13426. State Board determinations (Amended effective January 1, 2016.)

The state board, subject to approval by the Director of Finance, may agree to provide a guarantee pursuant to this article for all or a specified part of the proposed local agency bond issue upon making all of the following determinations:

- (a) The facilities proposed by an applicant are necessary to the health or welfare of the inhabitants of the state and are consistent with water quality control plans adopted by regional boards.
- (b) The proposed facilities meet the needs of the applicant.
- (c) The proposed bond issue and plan repayment are sound and feasible.
- (d) In the case of facilities proposed under paragraph (2) of subdivision (a) of Section 13400, the facilities will produce recycled water and the applicant has adopted a feasible program for the use of the facilities. The state board may adopt criteria for ranking and setting priorities among applicants for those guarantees.

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§13427. Agreement by applicant

No guarantee shall be extended to any applicant unless it executes an agreement with the state board under which the applicant agrees to the following provisions:

- (a) To proceed expeditiously with, and complete, the proposed project.
- (b) To commence operation of the project on completion, and to properly operate and maintain the work in accordance with applicable provisions of law.
- (c) To issue bonds and to levy fines, charges, assessments, or taxes to pay the principal of, and interest on, the bonds as described in the application.
- (d) To diligently and expeditiously collect those levies, including timely exercise of available legal remedies in the event of delinquency or default.
- (e) To act in accordance with such other provisions as the state board may require.

§13428. Clean Water Bond Guarantee Fund

Notwithstanding Section 13340 of the Government Code, the money in the Clean Water Bond Guarantee Fund, which is hereby created, is continuously appropriated to the state board without regard to fiscal years for the purposes of this chapter.

§13429. Investment of money in fund

Money in the Clean Water Bond Guarantee Fund not needed for making payments on guaranteed bonds pursuant to this chapter shall be invested pursuant to law. All proceeds of the investment shall be deposited in that fund to the extent permitted by federal law.

§13430. Limitation on authorization to guarantee bonds

The state board's authorization to guarantee bonds under this article shall be limited to bonds with a total principal amount of not more than 10 times the amount in the Clean Water Bond Guarantee Fund at the time the state board determines to extend each guarantee pursuant to Section 13426.

§13431. Limitation on amounts paid

Under no circumstances shall the amount paid out as a result of bond guarantees extended pursuant to this article exceed the amount in the Clean Water Bond Guarantee Fund. This article does not express or imply any commitment by the state board or any other agency of the state to pay any money or levy any charge or tax or otherwise exercise its faith and credit on behalf of any local agency or bondholder beyond the funds in the Clean Water Bond Guarantee Fund.

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§13432. Annual Fee

The state board may charge an annual fee not to exceed one-tenth of 1 percent of the principal amount of each bond issue that it guarantees for guarantee coverage. The state board may charge a lesser amount. The proceeds of any fee shall be paid into the Clean Water Bond Guarantee Fund.

§13433. Rules and procedures authority

The state board shall, by regulation, prescribe rules and procedures for all of the following:

(a) To pay money from the Clean Water Bond Guarantee Fund to an insured local agency or bondholder in the event that the amount in the local agency's bond reserve fund falls below a minimum amount, or in the event of failure by the local agency to pay the principal of, or interest on, an insured bond issue on time, as the state board may require.

(b) To require, by court action if necessary, a local agency to raise sewer service charges, levy additional assessments, collect charges or assessments, or foreclose or otherwise sell property as needed to prevent a reduction in the local agency's bond reserve fund, or to prevent default, or to collect funds to repay to the fund any payments made pursuant to subdivision (a).

Article 3. State Water Pollution Cleanup and Abatement Account

§13440. Fund established

There is in the State Water Quality Control Fund the State Water Pollution Cleanup and Abatement Account (hereinafter called the "account"), to be administered by the state board.

§13441. Sources of payment into account; availability for expenditure

There is to be paid into the account all moneys from the following sources:

(a) All moneys appropriated by the Legislature for the account.

(b) All moneys contributed to the account by any person and accepted by the state board.

(c) One-half of all moneys collected by way of criminal penalty and all moneys collected civilly under any proceeding brought pursuant to any provision of this division.

(d) All moneys collected by the state board for the account under Section 13304. The first unencumbered five hundred thousand dollars (\$500,000) paid into the account in any given fiscal year is available without regard to fiscal years, for expenditure by the state board in accordance with the provisions of this article. The next unencumbered five hundred thousand dollars (\$500,000), or any portion thereof, deposited in any given fiscal year, is available for expenditure by the state board for the purposes of this article, subject to the provisions set forth in Section 28 of the Budget Act of 1984 (Chapter 258 of the Statutes of 1984). The next unencumbered one million dollars (\$1,000,000) deposited in the account in any given fiscal year is available for expenditure by the state board for the purposes of Section 13443. The remaining unencumbered

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funds deposited in the account in any given fiscal year is available without regard to fiscal years to the state board for expenditure for the purposes set forth in Section 13442.

§13441.5. Loans from fund to account

The State Treasurer, when requested by the state board and approved by the Director of Finance, shall transfer moneys in the nature of a loan from the State Water Quality Control Fund to the account created pursuant to Section 13440, which shall be repayable from the account to such fund; provided, that the moneys transferred from the fund to the account shall not exceed the sum of twenty-five thousand dollars (\$25,000) at any one time.

§13442. Use of monies to assist in clean-up (Effective March 27, 2015. Inoperative on July 1, 2018. Repealed as of January 1, 2019.)

(a) Upon application by an eligible entity, as described in subdivision (b), the state board may approve the payment of moneys from the account to that entity to assist in cleaning up a waste, abating the effects of a waste on waters of the state, or addressing an urgent drinking water need without regard to whether the need for drinking water is a result of the discharge of waste.

(b) An entity is eligible to apply for funding pursuant to this section if that entity has authority to undertake the activity for which it seeks moneys and the entity is any of the following:

- (1) A public agency.
- (2) A tribal government that is on the California Tribal Consultation List maintained by the Native American Heritage Commission and is a disadvantaged community, as defined in Section 79505.5, that agrees to waive tribal sovereign immunity for the explicit purpose of regulation by the state board pursuant to this division.
- (3) A not-for-profit organization serving a disadvantaged community, as defined in Section 79505.5.
- (4) A community water system, as defined in Section 116275 of the Health and Safety Code, that serves a disadvantaged community, as defined in Section 79505.5.

(c) An eligible entity shall not become liable to the state board for repayment of moneys paid to the entity under this section and expended in accordance with the state board's approval of payment, but this shall not be a defense to an action brought pursuant to subdivision (c) of Section 13304 for the recovery of moneys paid under this section.

(d) Projects using moneys that are paid to an eligible entity pursuant to this section shall be exempt from state contracting and procurement requirements set forth in the Government Code and the Public Contract Code to the extent necessary to take immediate action to protect public health and safety.

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(e) The state board may adopt guidelines for the allocation and administration of these moneys that shall not be subject to Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code.

(f) This section shall become inoperative on July 1, 2018, and, as of January 1, 2019, is repealed, unless a later enacted statute, that becomes operative on or before January 1, 2019, deletes or extends the dates on which it becomes inoperative and is repealed.

§13442. Use of monies to assist in clean-up (Effective March 27, 2015. Operative on July 1, 2018.)

(a) Upon application by a public agency, a tribal government that is on the California Tribal Consultation List maintained by the Native American Heritage Commission and is a disadvantaged community, as defined in Section 79505.5, that agrees to waive tribal sovereign immunity for the explicit purpose of regulation by the state board pursuant to this division, or a not-for-profit organization serving a disadvantaged community, as defined in Section 79505.5, with authority to clean up a waste or abate the effects of a waste, the state board may order moneys to be paid from the account to the agency, tribal government, or organization to assist it in cleaning up the waste or abating its effects on waters of the state.

(b) The agency, a tribal government that is on the California Tribal Consultation List maintained by the Native American Heritage Commission and is a disadvantaged community, as defined in Section 79505.5, that agrees to waive tribal sovereign immunity for the explicit purpose of regulation by the state board pursuant to this division, or a not-for-profit organization serving a disadvantaged community, as defined in Section 79505.5, shall not become liable to the state board for repayment of moneys paid under this section, but this shall not be a defense to an action brought pursuant to subdivision (c) of Section 13304 for the recovery of moneys paid under this section.

(c) This section shall become operative on July 1, 2018.

§13443. Use of money for unforeseen water pollution

Upon application by a regional board that is attempting to remedy a significant unforeseen water pollution problem, posing an actual or potential public health threat, and for which the regional board does not have adequate resources budgeted, the state board may order moneys to be paid from the account to the regional board to assist it in responding to the problem.

Chapter 7 Reclamation

Article 1. Title

§13500. Title

This chapter shall be known as and may be cited as the Water Recycling Law.

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Article 2. Declaration of Policy

§13510. Public interest

It is hereby declared that the people of the state have a primary interest in the development of facilities to recycle water containing waste to supplement existing surface and underground water supplies and to assist in meeting the future water requirements of the state.

§13511. Findings

The Legislature finds and declares that a substantial portion of the future water requirements of this state may be economically met by beneficial use of recycled water. The Legislature further finds and declares that the utilization of recycled water by local communities for domestic, agricultural, industrial, recreational, and fish and wildlife purposes will contribute to the peace, health, safety and welfare of the people of the state. Use of recycled water constitutes the development of "new basic water supplies" as that term is used in Chapter 5 (commencing with Section 12880) of Part 6 of Division 6.

§13512. Legislative intention

It is the intention of the Legislature that the state undertake all possible steps to encourage development of water recycling facilities so that recycled water may be made available to help meet the growing water requirements of the state.

Article 3. State Assistance

§13515. Authority to loan

In order to implement the policy declarations of this chapter, the state board is authorized to provide loans for the development of water reclamation facilities, or for studies and investigations in connection with water reclamation, pursuant to the provisions of Chapter 6 (commencing with Section 13400) of this division.

Article 4. Regulation of Reclamation

§13520. Recycling criteria

As used in this article "recycling criteria" are the levels of constituents of recycled water, and means for assurance of reliability under the design concept which will result in recycled water safe from the standpoint of public health, for the uses to be made.

§13521. CDPH establishes recycling criteria

The State Department of Public Health shall establish uniform statewide recycling criteria for each varying type of use of recycled water where the use involves the protection of public health.

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§13521.1. Recycled Water – Animal Health (Effective January 1, 2015.)

(a) By December 31, 2016, the state board, in consultation with impacted state agencies, shall determine whether the use of disinfected tertiary treated recycled water, as defined by Section 60301.230 of Title 22 of the California Code of Regulations, for the purpose of providing water to animals, would not pose a significant risk to public and animal health. If the state board determines that the use of disinfected tertiary treated recycled water for the purpose of providing water to animals would pose a significant risk to public or animal health, the state board shall establish uniform statewide recycling criteria for the use of disinfected tertiary treated recycled water for the purpose of providing water to animals. Except as provided in subdivision (c), if the state board determines that the use of disinfected tertiary treated recycled water for the purpose of providing water to animals would not pose a significant risk to public or animal health, the state board may approve the use of disinfected tertiary treated recycled water for these purposes.

(b) In evaluating the use of disinfected tertiary treated recycled water for the purpose of providing water to animals, the state board shall consider, at minimum, all of the following:

(1) Recommendations from the existing Advisory Panel on Constituents of Emerging Concerns in Recycled Water.

(2) State-funded research performed pursuant to Section 79144 and subdivision (b) of Section 79145.

(3) Research by the state board relating to unregulated pollutants.

(c) Disinfected tertiary treated recycled water shall not be used in the water supply for dairy animals that are currently producing dairy products for human consumption.

(d) A person shall not be required to use disinfected tertiary treated recycled water for the purposes described in this section.

(e) The adoption of uniform statewide recycling criteria pursuant to this section shall be subject to the provisions of Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code.

(f) For purposes of this section, “animal” includes any domesticated bird, bovine animal, horse, mule, burro, sheep, goat, or swine.

§13522. Abatement by CDPH or local health officer

(a) If the State Department of Public Health or a local health officer finds that a contamination exists as a result of the use of recycled water, the department or local health officer shall order the contamination abated in accordance with the procedure provided for in Chapter 6 (commencing with Section 5400) of Part 3 of Division 5 of the Health and Safety Code.

(b) The use of recycled water in accordance with the uniform statewide recycling criteria established pursuant to Section 13521, for the purpose of this section, does not cause, constitute,

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or contribute to, any form of contamination, unless the department or the regional board determines that contamination exists.

§13522.5. Reports

(a) Except as provided in subdivision (e), any person recycling or proposing to recycle water, or using or proposing to use recycled water, within any region for any purpose for which recycling criteria have been established, shall file with the appropriate regional board a report containing information required by the regional board.

(b) Except as provided in subdivision (e), every person recycling water or using recycled water shall file with the appropriate regional board a report of any material change or proposed change in the character of the recycled water or its use.

(c) Each report under this section shall be sworn to, or submitted under penalty of perjury.

(d) This section shall not be construed so as to require any report in the case of any producing, manufacturing, or processing operation involving the recycling of water solely for use in the producing, manufacturing, or processing operation.

(e) Except upon the written request of the regional board, a report is not required pursuant to this section from any user of recycled water which is being supplied by a supplier or distributor for whom a master recycling permit has been issued pursuant to Section 13523.1.

§13522.6. Failure to report

Any person failing to furnish a report under Section 13522.5 when so requested by a regional board is guilty of a misdemeanor.

§13522.7. Injunction

The Attorney General, at the request of the regional board, shall petition the superior court for the issuance of a temporary restraining order, temporary injunction or permanent injunction, or combination thereof, as may be appropriate, requiring any person not complying with Section 13522.5 to comply forthwith.

§13523. CDPH recommendation requirement

(a) Each regional board, after consulting with and receiving the recommendations of the State Department of Public Health and any party who has requested in writing to be consulted, and after any necessary hearing, shall, if in the judgment of the board, it is necessary to protect the public health, safety, or welfare, prescribe water reclamation requirements for water that is used or proposed to be used as recycled water.

(b) The requirements may be placed upon the person recycling water, the user, or both. The requirements shall be established in conformance with the uniform statewide recycling criteria

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established pursuant to Section 13521. The regional board may require the submission of a preconstruction report for the purpose of determining compliance with the uniform statewide recycling criteria. The requirements for a use of recycled water not addressed by the uniform statewide recycling criteria shall be considered on a case-by-case basis.

§13523.1. Master permit requirements

(a) Each regional board, after consulting with, and receiving the recommendations of, the State Department of Public Health and any party who has requested in writing to be consulted, with the consent of the proposed permittee, and after any necessary hearing, may, in lieu of issuing waste discharge requirements pursuant to Section 13263 or water recycling requirements pursuant to Section 13523 for a user of recycled water, issue a master recycling permit to a supplier or distributor, or both, of recycled water.

(b) A master recycling permit shall include, at least, all of the following:

(1) Waste discharge requirements, adopted pursuant to Article 4 (commencing with Section 13260) of Chapter 4.

(2) A requirement that the permittee comply with the uniform statewide recycling criteria established pursuant to Section 13521. Permit conditions for a use of recycled water not addressed by the uniform statewide water recycling criteria shall be considered on a case-by-case basis.

(3) A requirement that the permittee establish and enforce rules or regulations for recycled water users, governing the design and construction of recycled water use facilities and the use of recycled water, in accordance with the uniform statewide recycling criteria established pursuant to Section 13521.

(4) A requirement that the permittee submit a quarterly report summarizing recycled water use, including the total amount of recycled water supplied, the total number of recycled water use sites, and the locations of those sites, including the names of the hydrologic areas underlying the recycled water use sites.

(5) A requirement that the permittee conduct periodic inspections of the facilities of the recycled water users to monitor compliance by the users with the uniform statewide recycling criteria established pursuant to Section 13521 and the requirements of the master recycling permit.

(6) Any other requirements determined to be appropriate by the regional board.

§13523.5. Salinity exception

A regional board may not deny issuance of water reclamation requirements to a project which violates only a salinity standard in the basin plan.

§13524. Establishment of criteria

No person shall recycle water or use recycled water for any purpose for which recycling criteria have been established until water recycling requirements have been established pursuant to this article or a regional board determines that no requirements are necessary.

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§13525. TRO and injunction

Upon the refusal or failure of any person or persons recycling water or using recycled water to comply with the provisions of this article, the Attorney General, at the request of the regional board, shall petition the superior court for the issuance of a temporary restraining order, preliminary injunction, or permanent injunction, or combination thereof, as may be appropriate, prohibiting forthwith any person or persons from violating or threatening to violate the provisions of this article.

§13525.5. Violation

Any person recycling water or using recycled water in violation of Section 13524, after such violation has been called to his attention in writing by the regional board, is guilty of a misdemeanor. Each day of such recycling or use shall constitute a separate offense.

§13526. Misdemeanor

Any person who, after such action has been called to his attention in writing by the regional board, uses recycled water for any purpose for which recycling criteria have been established prior to the establishment of water recycling requirements, is guilty of a misdemeanor.

§13527. Priority in financial assistance

(a) In administering any statewide program of financial assistance for water pollution or water quality control which may be delegated to it pursuant to Chapter 6 (commencing with Section 13400) of this division, the state board shall give added consideration to water quality control facilities providing optimum water recycling and use of recycled water.

(b) Nothing in this chapter prevents the appropriate regional board from establishing waste discharge requirements if a discharge is involved.

§13528. CDPH powers

This chapter shall not be construed as affecting the powers of the State Department of Public Health.

§13528.5. State Board duties and authority of Regional Board (*Operative July 1, 2014.*)

(a) The state board may carry out the duties and authority granted to a regional board pursuant to this chapter.

(b) This section shall become operative on July 1, 2014.

§13529. Unauthorized discharges of recycled water

The Legislature hereby finds and declares all of the following:

(a) The purpose of Section 13529.2 is to establish notification requirements for unauthorized discharges of recycled water to waters of the state.

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(b) It is the intent of the Legislature in enacting this section to promote the efficient and safe use of recycled water.

(c) The people of the state have a primary interest in the development of facilities to recycle water to supplement existing water supplies and to minimize the impacts of growing demand for new water on sensitive natural water bodies.

(d) A substantial portion of the future water requirements of the state may be economically met by the beneficial use of recycled water.

(e) The Legislature has established a statewide goal to recycle 700,000 acre-feet of water per year by the year 2000 and 1,000,000 acre-feet of water per year by the year 2010.

(f) The use of recycled water has proven to be safe and the State Department of Health Services is drafting regulations to provide for expanded uses of recycled water.

§13529.2. Requirements if unauthorized discharge occurs

(a) Any person who, without regard to intent or negligence, causes or permits an unauthorized discharge of 50,000 gallons or more of recycled water, as defined in subdivision (c), or 1,000 gallons or more of recycled water, as defined in subdivision (d), in or on any waters of the state, or causes or permits such unauthorized discharge to be discharged where it is, or probably will be, discharged in or on any waters of the state, shall, as soon as

(1) that person has knowledge of the discharge,

(2) notification is possible, and

(3) notification can be provided without substantially impeding cleanup or other emergency measures, immediately notify the appropriate regional board.

(b) For the purposes of this section, an unauthorized discharge means a discharge not authorized by waste discharge requirements pursuant to Article 4 of Chapter 4 (commencing with Section 13260), water reclamation requirements pursuant to Section 13523, a master reclamation permit pursuant to Section 13523.1, or any other provision of this division.

(c) For the purposes of this section, "recycled water" means wastewater treated as "disinfected tertiary 2.2 recycled water," as defined or described by the State Department of Health Services or wastewater receiving advanced treatment beyond disinfected tertiary 2.2 recycled water.

(d) For purposes of this section, "recycled water" means "recycled water," as defined in subdivision (n) of Section 13050, which is treated at a level less than "disinfected tertiary 2.2 recycled water," as defined or described by the State Department of Health Services.

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(e) The requirements in this section supplement, and shall not supplant, any other provisions of law.

§13529.4. Penalties

(a) Any person refusing or failing to provide the notice required by Section 13529.2, or as required by a condition of waste discharge requirements requiring notification of unauthorized releases of recycled water as defined in Section 13529.2, may be subject to administrative civil liability in an amount not to exceed the following:

- (1) For the first violation, or a subsequent violation occurring more than 365 days from a previous violation, five thousand dollars (\$5,000).
- (2) For a second violation occurring within 365 days of a previous violation, ten thousand dollars (\$10,000).
- (3) For a third or subsequent violation occurring within 365 days of a previous violation, twenty-five thousand dollars (\$25,000).

(b) The penalties in this section supplement, and shall not supplant, any other provisions of law.

Article 5. Surveys and Investigations

§13530. Duties of the department

The department, either independently or in cooperation with any person or any county, state, federal, or other agency, or on request of the state board, to the extent funds are allocated therefor, shall conduct surveys and investigations relating to the reclamation of water from waste pursuant to Section 230.

Article 6 Waste Water Regulation

§13540. CDPH authority for findings and regulations

(a) A person shall not construct, maintain, or use any waste well extending to or into a subterranean water-bearing stratum that is used or intended to be used as, or is suitable for, a source of water supply for domestic purposes.

(b)

(1) Notwithstanding subdivision (a), when a regional board finds that water quality considerations do not preclude controlled recharge of the stratum by direct injection, and when the State Department of Public Health, following a public hearing, finds the proposed recharge will not degrade the quality of water in the receiving aquifer as a source of water supply for domestic purposes, recycled water may be injected by a well into the stratum. The State Department of Public Health may make and enforce any regulations pertaining to this subdivision as it deems proper.

(2) This section shall not be construed to do either or both of the following:

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(A) Affect the authority of the state board or regional boards to prescribe and enforce requirements for the discharge.

(B) Preempt the exercise by a water district of its existing ordinance authority to impose or implement stricter standards for protecting groundwater quality in the receiving aquifer.

(c) If the State Department of Public Health makes the findings provided for in subdivision (b), the department shall consider the state board's Statement of Policy with Respect to Maintaining High Quality of Waters in California, as set forth in Resolution 68-16, dated October 28, 1968, and shall also consider current and potential future public health consequences of the controlled recharge.

§13541. Waste well

As used in this article, "waste well" includes any hole dug or drilled into the ground, used or intended to be used for the disposal of waste.

Article 7. Waste Water Reuse

§13550. Legislative findings (Amended effective January 1, 2015.)

(a) The Legislature hereby finds and declares that the use of potable domestic water for nonpotable uses, including, but not limited to, cemeteries, golf courses, parks, highway landscaped areas, and industrial and irrigation uses, is a waste or an unreasonable use of the water within the meaning of Section 2 of Article X of the California Constitution if recycled water is available which meets all of the following conditions, as determined by the state board, after notice to any person or entity who may be ordered to use recycled water or to cease using potable water and a hearing held pursuant to Article 2 (commencing with Section 648) of Chapter 1.5 of Division 3 of Title 23 of the California Code of Regulations:

(1) The source of recycled water is of adequate quality for these uses and is available for these uses. In determining adequate quality, the state board shall consider all relevant factors, including, but not limited to, food and employee safety, and level and types of specific constituents in the recycled water affecting these uses, on a user-by-user basis. In addition, the state board shall consider the effect of the use of recycled water in lieu of potable water on the generation of hazardous waste and on the quality of wastewater discharges subject to regional, state, or federal permits.

(2) The recycled water may be furnished for these uses at a reasonable cost to the user. In determining reasonable cost, the state board shall consider all relevant factors, including, but not limited to, the present and projected costs of supplying, delivering, and treating potable domestic water for these uses and the present and projected costs of supplying and delivering recycled water for these uses, and shall find that the cost of supplying the treated recycled water is comparable to, or less than, the cost of supplying potable domestic water.

(3) After concurrence with the State Department of Public Health, the use of recycled water from the proposed source will not be detrimental to public health.

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(4) The use of recycled water for these uses will not adversely affect downstream water rights, will not degrade water quality, and is determined not to be injurious to plantlife, fish, and wildlife.

(b) In making the determination pursuant to subdivision (a), the state board shall consider the impact of the cost and quality of the nonpotable water on each individual user.

(c) The state board may require a public agency or person subject to this article to furnish information which the state board determines to be relevant to making the determination required in subdivision (a).

§13551. Industry and irrigation for restricted use of potable water prohibited: use of recycled water

A person or public agency, including a state agency, city, county, city and county, district, or any other political subdivision of the state, shall not use water from any source of quality suitable for potable domestic use for nonpotable uses, including cemeteries, golf courses, parks, highway landscaped areas, and industrial and irrigation uses if suitable recycled water is available as provided in Section 13550; however, any use of recycled water in lieu of water suitable for potable domestic use shall, to the extent of the recycled water so used, be deemed to constitute a reasonable beneficial use of that water and the use of recycled water shall not cause any loss or diminution of any existing water right.

§13552. Restrictions on Sections 13550 and 13551

The amendments to Sections 13550 and 13551 of the Water Code made during the first year of the 1991-92 Regular Session are not intended to alter any rights, remedies, or obligations which may exist prior to January 1, 1992, pursuant to, but not limited to, those sections or Chapter 8.5 (commencing with Section 1501) of Part 1 of Division 1 of the Public Utilities Code.

§13552.2. Legislative findings

(a) The Legislature hereby finds and declares that the use of potable domestic water for the irrigation of residential landscaping is a waste or an unreasonable use of water within the meaning of Section 2 of Article X of the California Constitution if recycled water, for this use, is available to the residents and meets the requirements set forth in Section 13550, as determined by the state board after notice and a hearing.

(b) The state board may require a public agency or person subject to this section to submit information that the state board determines may be relevant in making the determination required in subdivision (a).

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§13552.4. Authority to require use of recycled water for residential landscaping

(a) Any public agency, including a state agency, city, county, city and county, district, or any other political subdivision of the state, may require the use of recycled water for irrigation of residential landscaping, if all of the following requirements are met:

(1) Recycled water, for this use, is available to the user and meets the requirements set forth in Section 13550, as determined by the state board after notice and a hearing.

(2) The use of recycled water does not cause any loss or diminution of any existing water right.

(3) The irrigation systems are constructed in accordance with Chapter 3 (commencing with Section 60301) of Division 4 of Title 22 of the California Code of Regulations.

(b) This section applies to both of the following:

(1) New subdivisions for which the building permit is issued on or after March 15, 1994, or, if a building permit is not required, new structures for which construction begins on or after March 15, 1994, for which the State Department of Public Health has approved the use of recycled water.

(2) Any residence that is retrofitted to permit the use of recycled water for landscape irrigation and for which the State Department of Public Health has approved the use of recycled water.

(c)

(1) Division 13 (commencing with Section 21000) of the Public Resources Code does not apply to any project that only involves the repiping, redesign, or use of recycled water for irrigation of residential landscaping necessary to comply with a requirement prescribed by a public agency under subdivision (a).

(2) The exemption in paragraph (1) does not apply to any project to develop recycled water, to construct conveyance facilities for recycled water, or any other project not specified in this subdivision.

§13552.5. General Permit for Landscape Irrigation – Use of CDPH Criteria

(a)

(1) On or before July 31, 2009, the state board shall adopt a general permit for landscape irrigation uses of recycled water for which the State Department of Public Health has established uniform statewide recycling criteria pursuant to Section 13521.

(2) The state board shall establish criteria to determine eligibility for coverage under the general permit.

(3) For the purpose of developing the general permit and establishing eligibility criteria to carry out paragraph (1), the state board shall hold at least one workshop and shall consult with and consider comments from the regional boards, groundwater management agencies and water replenishment districts with statutory authority to manage groundwater pursuant to their principal act, and any interested party.

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(4) The general permit shall include language that provides for the modification of the terms and conditions of the general permit if a regulatory or statutory change occurs that affects the application of the general permit or as necessary to ensure protection of beneficial uses.

(b) The state board shall establish a reasonable schedule of fees to reimburse the state board for the costs it incurs in implementing, developing, and administering this section.

(c) Following the adoption of the general permit pursuant to this section, an applicant may obtain coverage for a landscape irrigation use of recycled water by filing a notice of intent to be covered under the general permit and submitting the appropriate fee established pursuant to subdivision (b) to the state board.

(d) Coverage under the general permit adopted pursuant to this section is effective if all of the following apply:

- (1) The applicant has submitted a completed application.
- (2) The state board has determined that the applicant meets the eligibility criteria established pursuant to paragraph (2) of subdivision (a).
- (3) The state board has made the application available for public review and comment for 30 days.
- (4) The state board has consulted with the appropriate regional board.
- (5) The executive officer of the state board approves the application.

(e)

(1) Except as provided by modification of the general permit, a person eligible for coverage under the general permit pursuant to subdivision (d) is not required to become or remain subject to individual waste discharge requirements or water reclamation requirements.

(2) For a landscape irrigation use of recycled water, a person who is subject to general or individual waste discharge requirements prescribed pursuant to Section 13263 or 13377, or is subject to individual or master water reclamation requirements prescribed pursuant to Section 13523 or 13523.1, may apply for coverage under the general permit adopted pursuant to this section in lieu of remaining subject to requirements prescribed pursuant to those sections.

(f)

(1) The state board shall designate an ombudsperson to coordinate and facilitate communication on recycled water, on the issuance of water reclamation requirements or waste discharge requirements, as applicable, pursuant to Section 13523 or 13523.1 or this section, and on the promotion of water recycling while ensuring reasonable protection of water quality in accordance with applicable provisions of state and federal water quality law.

(2) The person appointed pursuant to paragraph (1) shall facilitate consultations between the state board and the regional boards relating to matters described in that paragraph.

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§13552.6. Legislative findings

(a) The Legislature hereby finds and declares that the use of potable domestic water for floor trap priming, cooling towers, and air-conditioning devices is a waste or an unreasonable use of water within the meaning of Section 2 of Article X of the California Constitution if recycled water, for these uses, is available to the user, and the water meets the requirements set forth in Section 13550, as determined by the state board after notice and a hearing.

(b) The state board may require a public agency or person subject to this section to submit information that the state board determines may be relevant in making the determination required in subdivision (a).

§13552.8. Recycled water for floor trap priming, cooling towers, and air conditioning (Amended effective January 1, 2015.)

(a) Any public agency, including a state agency, city, county, city and county, district, or any other political subdivision of the state, may require the use of recycled water in floor trap priming, cooling towers, and air-conditioning devices, if all of the following requirements are met:

(1) Recycled water, for these uses, is available to the user and meets the requirements set forth in Section 13550, as determined by the state board after notice and a hearing.

(2) The use of recycled water does not cause any loss or diminution of any existing water right.

(3) If public exposure to aerosols, mist, or spray may occur, appropriate mist mitigation or mist control is provided, such as the use of mist arrestors or the addition of biocides to the water in accordance with criteria established pursuant to Section 13521.

(4) The person intending to use recycled water has prepared an engineering report pursuant to Section 60323 of Title 22 of the California Code of Regulations that includes plumbing design, cross-connection control, and monitoring requirements for the public agency, which are in compliance with criteria established pursuant to Section 13521.

(b) This section applies to both of the following:

(1) New industrial facilities and subdivisions for which the building permit is issued on or after March 15, 1994, or, if a building permit is not required, new structures for which construction begins on or after March 15, 1994, for which the State Department of Public Health has approved the use of recycled water.

(2) Any structure that is retrofitted to permit the use of recycled water for floor traps, cooling towers, or air-conditioning devices, for which the State Department of Public Health has approved the use of recycled water.

(c)

(1) Division 13 (commencing with Section 21000) of the Public Resources Code does not apply to any project which only involves the repiping, redesign, or use of recycled water for floor

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trap priming, cooling towers, or air-conditioning devices necessary to comply with a requirement prescribed by a public agency under subdivision (a).

(2) The exemption in paragraph (1) does not apply to any project to develop recycled water, to construct conveyance facilities for recycled water, or any other project not specified in this subdivision.

§13553. Use of Recycled Water in Condominium Projects

(a) The Legislature hereby finds and declares that the use of potable domestic water for toilet and urinal flushing in structures is a waste or an unreasonable use of water within the meaning of Section 2 of Article X of the California Constitution if recycled water, for these uses, is available to the user and meets the requirements set forth in Section 13550, as determined by the state board after notice and a hearing.

(b) The state board may require a public agency or person subject to this section to furnish any information that may be relevant to making the determination required in subdivision (a).

(c) For purposes of this section and Section 13554, "structure" or "structures" means commercial, retail, and office buildings, theaters, auditoriums, condominium projects, schools, hotels, apartments, barracks, dormitories, jails, prisons, and reformatories, and other structures as determined by the State Department of Public Health.

(d) Recycled water may be used in condominium projects, as defined in Section 4125 or 6542 of the Civil Code, subject to all of the following conditions:

(1) Prior to the indoor use of recycled water in any condominium project, the agency delivering the recycled water to the condominium project shall file a report with, and receive written approval of the report from, the State Department of Public Health. The report shall be consistent with the provisions of Title 22 of the California Code of Regulations generally applicable to dual-plumbed structures and shall include all the following:

(A) That potable water service to each condominium project will be provided with a backflow protection device approved by the State Department of Public Health to protect the agency's public water system, as defined in Section 116275 of the Health and Safety Code. The backflow protection device approved by the State Department of Public Health shall be inspected and tested annually by a person certified in the inspection of backflow prevention devices.

(B) That any plumbing modifications in the condominium unit or any physical alteration of the structure will be done in compliance with state and local plumbing codes.

(C) That each condominium project will be tested by the recycled water agency or the responsible local agency at least once every four years to ensure that there are no indications of a possible cross connection between the condominium's potable and nonpotable systems.

(D) That recycled water lines will be color coded consistent with current statutes and regulations.

(2) The recycled water agency or the responsible local agency shall maintain records of all tests and annual inspections conducted.

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(3) The condominium's declaration, as defined in Section 4135 or 6546 of the Civil Code, shall provide that the laws and regulations governing recycled water apply, shall not permit any exceptions to those laws and regulations, shall incorporate the report described in paragraph (1), and shall contain the following statement:

“NOTICE OF USE OF RECYCLED WATER

This property is approved by the State Department of Public Health for the use of recycled water for toilet and urinal flushing. This water is not potable, is not suitable for indoor purposes other than toilet and urinal flushing purposes, and requires dual plumbing. Alterations and modifications to the plumbing system require a permit and are prohibited without first consulting with the appropriate local building code enforcement agency and your property management company or owners' association to ensure that the recycled water is not mixed with the drinking water.”

(e) The State Department of Public Health may adopt regulations as necessary to assist in the implementation of this section.

(f) This section shall only apply to condominium projects that are created, within the meaning of Section 4030 or 6580 of the Civil Code, on or after January 1, 2008.

(g) This section and Section 13554 do not apply to a pilot program adopted pursuant to Section 13553.1.

§13553.1. Legislative findings (Amended effective January 1, 2015.)

(a) The Legislature hereby finds and declares that certain coastal areas of the state have been using sea water to flush toilets and urinals as a means of conserving potable water; that this practice precludes the beneficial reuse of treated wastewater and has had a deleterious effect on the proper wastewater treatment process, and has led to corrosion of the sea water distribution pipelines and wastewater collection systems; and that this situation must be changed.

(b) There is a need for a pilot program to demonstrate that conversion to the use of recycled water in residential buildings for toilet and urinal flushing does not pose a threat to public health and safety.

(c) A city that is providing a separate distribution system for sea water for use in flushing toilets and urinals in residential structures may, by ordinance, authorize the use of recycled water for the flushing of toilets and urinals in residential structures if the level of treatment and the use of the recycled water meets the criteria set by the State Department of Public Health.

§13554. Recycled water for toilet and urinal flushing (Amended effective January 1, 2105.)

(a) Any public agency, including a state agency, city, county, city and county, district, or any other political subdivision of the state, may require the use of recycled water for toilet and urinal

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flushing in structures, except a mental hospital or other facility operated by a public agency for the treatment of persons with mental disorders, if all of the following requirements are met:

(1) Recycled water, for these uses, is available to the user and meets the requirements set forth in Section 13550, as determined by the state board after notice and a hearing.

(2) The use of recycled water does not cause any loss or diminution of any existing water right.

(3) The public agency has prepared an engineering report pursuant to Section 60323 of Title 22 of the California Code of Regulations that includes plumbing design, cross-connection control, and monitoring requirements for the use site, which are in compliance with criteria established pursuant to Section 13521.

(b) This section applies only to either of the following:

(1) New structures for which the building permit is issued on or after March 15, 1992, or, if a building permit is not required, new structures for which construction begins on or after March 15, 1992.

(2) Any construction pursuant to subdivision (a) for which the State Department of Public Health has, prior to January 1, 1992, approved the use of recycled water.

(c) Division 13 (commencing with Section 21000) of the Public Resources Code does not apply to any project which only involves the repiping, redesign, or use of recycled water by a structure necessary to comply with a requirement issued by a public agency under subdivision (a). This exemption does not apply to any project to develop recycled water, to construct conveyance facilities for recycled water, or any other project not specified in this subdivision.

§13554.2. CDPH fees (Amended effective January 1, 2105.)

(a) Any person or entity proposing the use of recycled water shall reimburse the State Department of Public Health for reasonable costs that department actually incurs in performing duties pursuant to this chapter.

(b)

(1) Upon a request from the person or entity proposing the use of recycled water, the State Department of Public Health shall, within a reasonable time after the receipt of the request, provide an estimate of the costs that it will reasonably incur in the performance of its duties pursuant to this chapter.

(2) For purposes of implementing subdivision (a), that department shall maintain a record of its costs. In determining those costs, that department may consider costs that include, but are not limited to, costs relating to personnel requirements, materials, travel, and office overhead. The amount of reimbursement shall be equal to, and may not exceed, that department's actual costs.

(c) With the consent of the person or entity proposing the use of recycled water, the State Department of Public Health may delegate all or part of the duties that department performs

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pursuant to this chapter within a county to a local health agency authorized by the board of supervisors to assume these duties, if, in the judgment of that department, the local health agency can perform these duties. Any person or entity proposing the use of recycled water shall reimburse the local health agency for reasonable costs that the local health agency actually incurs in the performance of its duties delegated pursuant to this subdivision.

(d)

(1) Upon a request from the person or entity proposing the use of recycled water, the local health agency shall, within a reasonable time after the receipt of the request, provide an estimate of the cost it will reasonably incur in the performance of its duties delegated under subdivision (c).

(2) The local health agency, if delegated duties pursuant to subdivision (c), shall maintain a record of its costs that include, but is not limited to, costs relating to personnel requirements, materials, travel, and office overhead. The amount of reimbursement shall be equal to, and may not exceed, the local health agency's actual costs.

(e) The State Department of Public Health or local health agency shall complete its review of a proposed use of recycled water within a reasonable period of time. That department shall submit to the person or entity proposing the use of recycled water a written determination as to whether the proposal submitted is complete for purposes of review within 30 days from the date of receipt of the proposal and shall approve or disapprove the proposed use within 30 days from the date on which that department determines that the proposal is complete.

(f) An invoice for reimbursement of services rendered shall be submitted to the person or entity proposing the use of recycled water subsequent to completion of review of the proposed use, or other services rendered, that specifies the number of hours spent by the State Department of Public Health or local health agency, specific tasks performed, and other costs actually incurred. Supporting documentation, including receipts, logs, timesheets, and other standard accounting documents, shall be maintained by that department or local health agency and copies, upon request, shall be provided to the person or entity proposing the use of recycled water.

(g) For the purposes of this section, "person or entity proposing the use of recycled water" means the producer or distributor of recycled water submitting a proposal to the department.

§13554.3. State Board fees

The State Water Resources Control Board may establish a reasonable schedule of fees by which it is reimbursed for the costs it incurs pursuant to Sections 13553 and 13554.

§13555.2. Legislative intent

The Legislature hereby finds and declares that many local agencies deliver recycled water for nonpotable uses and that the use of recycled water is an effective means of meeting the demands for new water caused by drought conditions or population increases in the state. It is the intent of

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the Legislature to encourage the design and construction of water delivery systems on private property that deliver water for both potable and nonpotable uses in separate pipelines.

§13555.3. Separate pipelines

(a) Water delivery systems on private property that could deliver recycled water for nonpotable uses described in Section 13550, that are constructed on and after January 1, 1993, shall be designed to ensure that the water to be used for only potable domestic uses is delivered, from the point of entry to the private property to be served, in a separate pipeline which is not used to deliver the recycled water.

(b) This section applies to water delivery systems on private property constructed within either of the following jurisdictions:

(1) One that has an urban water management plan that includes the intent to develop recycled water use.

(2) One that does not have an urban water management plan that includes recycled water use, but that is within five miles of a jurisdiction that does have an urban water management plan that includes recycled water use, and has indicated a willingness to serve the water delivery system.

(c) This section does not preempt local regulation of the delivery of water for potable and nonpotable uses and any local governing body may adopt requirements which are more restrictive than the requirements of this section.

§13555.5. Notification of Department of Transportation and the Department of General Services

(a) If a recycled water producer determines that within 10 years the recycled water producer proposes to provide recycled water for use for state landscape irrigation that meets all of the conditions set forth in Section 13550, the recycled water producer shall so notify the Department of Transportation and the Department of General Services, and shall identify in the notice the area that is eligible to receive the recycled water, and the necessary infrastructure that the recycled water producer or the retail water supplier proposes to provide, to facilitate delivery of the recycled water.

(b) If notice has been provided pursuant to subdivision (a), all pipe installed by the Department of Transportation or the Department of General Services for landscape irrigation within the identified area shall be of the type necessary to meet the requirements of Section 116815 of the Health and Safety Code and applicable regulations.

§13556. Acquisition and provision of recycled water for beneficial use

In addition to any other authority provided in law, any water supplier described in subdivision (b) of Section 1745 may acquire, store, provide, sell, and deliver recycled water for any beneficial use, including, but not limited to, municipal, industrial, domestic, and irrigation uses,

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if the water use is in accordance with statewide recycling criteria and regulations established pursuant to this chapter.

§13557. Regulation to safely plumb buildings with both potable and recycled water systems (Amended effective October 11, 2009)

(a) On or before December 31, 2009, the department, in consultation with the State Department of Public Health, shall adopt and submit to the California Building Standards Commission regulations to establish a state version of Chapter 16 of the Uniform Plumbing Code adopted by the International Association of Plumbing and Mechanical Officials to provide design standards to safely plumb buildings with both potable and recycled water systems.

(b) Commencing July 1, 2011, and annually thereafter, the department shall review and update, as necessary, the regulations developed pursuant to subdivision (a).

(c) This section shall be exempt from the provisions of Section 161.

Chapter 7.3. Direct and Indirect Potable Reuse

§13560. Legislative Findings - Direct and Indirect Potable Reuse

The Legislature finds and declares the following:

(a) In February 2009, the state board unanimously adopted, as Resolution No. 2009-0011, an updated water recycling policy, which includes the goal of increasing the use of recycled water in the state over 2002 levels by at least 1,000,000 acre-feet per year by 2020 and by at least 2,000,000 acre-feet per year by 2030.

(b) Section 13521 requires the department to establish uniform statewide recycling criteria for each varying type of use of recycled water where the use involves the protection of public health.

(c) The use of recycled water for indirect potable reuse is critical to achieving the state board's goals for increased use of recycled water in the state. If direct potable reuse can be demonstrated to be safe and feasible, implementing direct potable reuse would further aid in achieving the state board's recycling goals.

(d) Although there has been much scientific research on public health issues associated with indirect potable reuse through groundwater recharge, there are a number of significant unanswered questions regarding indirect potable reuse through surface water augmentation and direct potable reuse.

(e) Achievement of the state's goals depends on the timely development of uniform statewide recycling criteria for indirect and direct potable water reuse.

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(f) This chapter is not intended to delay, invalidate, or reverse any study or project, or development of regulations by the department, the state board, or the regional boards regarding the use of recycled water for indirect potable reuse for groundwater recharge, surface water augmentation, or direct potable reuse.

(g) This chapter shall not be construed to delay, invalidate, or reverse the department's ongoing review of projects consistent with Section 116551 of the Health and Safety Code.

§13561. Chapter Definitions

For purposes of this chapter, the following terms have the following meanings:

(a) "Department" means the State Department of Public Health.

(b) "Direct potable reuse" means the planned introduction of recycled water either directly into a public water system, as defined in Section 116275 of the Health and Safety Code, or into a raw water supply immediately upstream of a water treatment plant.

(c) "Indirect potable reuse for groundwater recharge" means the planned use of recycled water for replenishment of a groundwater basin or an aquifer that has been designated as a source of water supply for a public water system, as defined in Section 116275 of the Health and Safety Code.

(d) "Surface water augmentation" means the planned placement of recycled water into a surface water reservoir used as a source of domestic drinking water supply.

(e) "Uniform water recycling criteria" has the same meaning as in Section 13521.

§13561.5. Board agreement with Department

The state board shall enter into an agreement with the department to assist in implementing this chapter.

§13562. Department adoption of indirect potable reuse criteria

(a)

(1) On or before December 31, 2013, the department shall adopt uniform water recycling criteria for indirect potable reuse for groundwater recharge.

(2)

(A) Except as provided in subparagraph (C), on or before December 31, 2016, the department shall develop and adopt uniform water recycling criteria for surface water augmentation.

(B) Prior to adopting uniform water recycling criteria for surface water augmentation, the department shall submit the proposed criteria to the expert panel convened pursuant to subdivision (a) of Section 13565. The expert panel shall review the proposed criteria and shall

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adopt a finding as to whether, in its expert opinion, the proposed criteria would adequately protect public health.

(C) The department shall not adopt uniform water recycling criteria for surface water augmentation pursuant to subparagraph (A), unless and until the expert panel adopts a finding that the proposed criteria would adequately protect public health.

(b) Adoption of uniform water recycling criteria by the department is subject to the requirements of Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code.

§13562.5. Department adoption of Emergency Regulations for GW Replenishment

Notwithstanding any other law, no later than June 30, 2014, the department shall adopt, by emergency regulations in accordance with Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code, requirements for groundwater replenishment using recycled water. The adoption of these regulations is an emergency and shall be considered by the Office of Administrative Law as necessary for the immediate preservation of the public peace, health, safety, and general welfare. Notwithstanding Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code, emergency regulations adopted by the department pursuant to this section shall not be subject to review by the Office of Administrative Law and shall remain in effect until revised by the department.

§13563. Department report on direct potable reuse

(a)

(1) On or before December 31, 2016, the department, in consultation with the state board, shall investigate and report to the Legislature on the feasibility of developing uniform water recycling criteria for direct potable reuse.

(2) The department shall complete a public review draft of its report by September 1, 2016. The department shall provide the public not less than 45 days to review and comment on the public review draft.

(3) The department shall provide a final report to the Legislature by December 31, 2016. The department shall make the final report available to the public.

(b) In conducting the investigation pursuant to subdivision (a), the department shall examine all of the following:

(1) The availability and reliability of recycled water treatment technologies necessary to ensure the protection of public health.

(2) Multiple barriers and sequential treatment processes that may be appropriate at wastewater and water treatment facilities.

(3) Available information on health effects.

(4) Mechanisms that should be employed to protect public health if problems are found in recycled water that is being served to the public as a potable water supply, including, but not limited to, the failure of treatment systems at the recycled water treatment facility.

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(5) Monitoring needed to ensure protection of public health, including, but not limited to, the identification of appropriate indicator and surrogate constituents.

(6) Any other scientific or technical issues that may be necessary, including, but not limited to, the need for additional research.

(c)

(1) Notwithstanding Section 10231.5 of the Government Code, the requirement for submitting a report imposed under paragraph (3) of subdivision (a) is inoperative on December 31, 2020.

(2) A report to be submitted pursuant to paragraph (3) of subdivision (a) shall be submitted in compliance with Section 9795 of the Government Code.

§13563.5. Department report to legislature (Repealed on January 1, 2017.)

~~(a) The department, in consultation with the state board, shall report to the Legislature as part of the annual budget process, in each year from 2011 to 2016, inclusive, on the progress towards developing and adopting uniform water recycling criteria for surface water augmentation and its investigation of the feasibility of developing uniform water recycling criteria for direct potable reuse.~~

~~(b)~~

~~(1) A written report submitted pursuant to subdivision (a) shall be submitted in compliance with Section 9795 of the Government Code.~~

~~(2) Pursuant to Section 10231.5 of the Government Code, this section is repealed on January 1, 2017.~~

§13564. Surface Water Augmentation considerations

In developing uniform water recycling criteria for surface water augmentation, the department shall consider all of the following:

(a) The final report from the National Water Research Institute Independent Advisory Panel for the City of San Diego Indirect Potable Reuse/Reservoir Augmentation (IPR/RA) Demonstration Project.

(b) Monitoring results of research and studies regarding surface water augmentation.

(c) Results of demonstration studies conducted for purposes of approval of projects using surface water augmentation.

(d) Epidemiological studies and risk assessments associated with projects using surface water augmentation.

(e) Applicability of the advanced treatment technologies required for recycled water projects, including, but not limited to, indirect potable reuse for groundwater recharge projects.

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(f) Water quality, limnology, and health risk assessments associated with existing potable water supplies subject to discharges from municipal wastewater, stormwater, and agricultural runoff.

(g) Recommendations of the State of California Constituents of Emerging Concern Recycled Water Policy Science Advisory Panel.

(h) State funded research pursuant to Section 79144 and subdivision (b) of Section 79145.

(i) Research and recommendations from the United States Environmental Protection Agency Guidelines for Water Reuse.

(j) The National Research Council of the National Academies' report titled "Water Reuse: Potential for Expanding the Nation's Water Supply Through Reuse of Municipal Wastewater."

(k) Other relevant research and studies regarding indirect potable reuse of recycled water.

§13565. Expert panels and advisory groups

(a)

(1) On or before February 15, 2014, the department shall convene and administer an expert panel for purposes of advising the department on public health issues and scientific and technical matters regarding development of uniform water recycling criteria for indirect potable reuse through surface water augmentation and investigation of the feasibility of developing uniform water recycling criteria for direct potable reuse. The expert panel shall assess what, if any, additional areas of research are needed to be able to establish uniform regulatory criteria for direct potable reuse. The expert panel shall then recommend an approach for accomplishing any additional needed research regarding uniform criteria for direct potable reuse in a timely manner.

(2) The expert panel shall be comprised, at a minimum, of a toxicologist, an engineer licensed in the state with at least three years' experience in wastewater treatment, an engineer licensed in the state with at least three years' experience in treatment of drinking water supplies and knowledge of drinking water standards, an epidemiologist, a limnologist, a microbiologist, and a chemist. The department, in consultation with the advisory group and the state board, shall select the expert panel members.

(3) Members of the expert panel may be reimbursed for reasonable and necessary travel expenses.

(b)

(1) On or before January 15, 2014, the department shall convene an advisory group, task force, or other group, comprised of no fewer than nine representatives of water and wastewater agencies, local public health officers, environmental organizations, environmental justice organizations, public health nongovernmental organizations, the department, the state board, the

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United States Environmental Protection Agency, ratepayer or taxpayer advocate organizations, and the business community, to advise the expert panel regarding the development of uniform water recycling criteria for direct potable reuse and the draft report required by Section 13563. The department, in consultation with the state board, shall select the advisory group members.

(2) Environmental, environmental justice, and public health nongovernmental organization representative members of the advisory group, task force, or other group may be reimbursed for reasonable and necessary travel expenses.

(3) In order to ensure public transparency, the advisory group established pursuant to paragraph (1) shall be subject to the Bagley-Keene Open Meeting Act (Article 9 (commencing with Section 11120) of Chapter 1 of Part 1 of Division 3 of Title 2 of the Government Code).

(c) On or before June 30, 2016, the department shall prepare a draft report summarizing the recommendations of the expert panel.

(d) The department may contract with a public university or other research institution with experience in convening expert panels on water quality or potable reuse to meet all or part of the requirements of this section should the department find that the research institution is better able to fulfill the requirements of this section by the required date.

§13566. Feasibility considerations for direct potable reuse

In performing its investigation of the feasibility of developing the uniform water recycling criteria for direct potable reuse, the department shall consider all of the following:

(a) Recommendations from the expert panel appointed pursuant to subdivision (a) of Section 13565.

(b) Recommendations from an advisory group, task force, or other group appointed by the department pursuant to subdivision (b) of Section 13565.

(c) Regulations and guidelines for these activities from jurisdictions in other states, the federal government, or other countries.

(d) Research by the state board regarding unregulated pollutants, as developed pursuant to Section 10 of the recycled water policy adopted by state board Resolution No. 2009-0011.

(e) Results of investigations pursuant to Section 13563.

(f) Water quality and health risk assessments associated with existing potable water supplies subject to discharges from municipal wastewater, stormwater, and agricultural runoff.

§13567. Federal & State references - consistency

An action authorized pursuant to this chapter shall be consistent, to the extent applicable, with the federal Clean Water Act (33 U.S.C. Sec. 1251 et seq.), the federal Safe Drinking Water Act

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(42 U.S.C. Sec. 300f et seq.), this division, and the California Safe Drinking Water Act (Chapter 4 (commencing with Section 116270) of Part 12 of Division 104 of the Health and Safety Code).

§13569. Department funding

The department may accept funds from nonstate sources and may expend these funds, upon appropriation by the Legislature, for the purposes of this chapter.

§13570. Advanced Purified Demonstration Water (Effective January 1, 2017.)

(a) As used in this section, "advanced purified demonstration water" means product water from an advanced water purification facility that satisfies both of the following requirements:

(1) The product water is treated by means of all of the following treatment processes:

(A) Microfiltration, ultrafiltration, or other filtration processes to remove particulates before reverse osmosis.

(B) Reverse osmosis.

(C) Advanced oxidation.

(2) The product water meets or exceeds all federal and state drinking water standards and is produced in accordance with the advanced treatment criteria for purified water specified in Section 60320.201 of Title 22 of the California Code of Regulations.

(b) As used in this section, "advanced water purification facility" means a water recycling treatment plant that produces advanced purified demonstration water in accordance with the advanced treatment criteria specified in Section 60320.201 of Title 22 of the California Code of Regulations.

(c) As used in this section, "batch" means an increment of advanced purified treatment water that has completed the treatment process, is separate from incoming water, and is not receiving any additional source water.

(d) Except as expressly set forth in this section, the operator of an advanced water purification facility may cause advanced purified demonstration water to be bottled and distributed as samples for educational purposes and to promote water recycling, without complying with the requirements of Article 12 (commencing with Section 111070) of Chapter 5 of Part 5 of Division 104 of the Health and Safety Code. The volume of advanced purified demonstration water in each bottle shall not exceed eight ounces.

(e) Any operator of an advanced water purification facility seeking to bottle advanced purified demonstration water shall collect water samples from the batch prior to the commencement of the bottling process, and test that batch in accordance with Section 111165 of the Health and Safety Code. Advanced purified demonstration water shall not be distributed unless the following requirements are met:

(1) The water meets or exceeds all federal and state drinking water standards, including all maximum contaminant levels applicable to public drinking water systems.

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(2) The advanced water purification facility meets or exceeds all purification requirements imposed by regulatory agencies to produce the advanced purified demonstration water, including the removal of constituents of emerging concern where the removal is otherwise required of an advanced water purification facility.

(3) The water is produced using a treatment process that is consistent with the advanced treatment criteria for purified water specified in Section 60320.201 of Title 22 of the California Code of Regulations and, if established by the state board, in accordance with any uniform statewide water recycling criteria developed for the direct potable reuse of recycled water.

(f)

(1) Advanced purified demonstration water may be bottled only at a licensed water-bottling plant in compliance with Sections 111070.5, 111080, 111120, 111145, and 111155 of the Health and Safety Code.

(2) Before bottling advanced purified demonstration water, an advanced water purification facility shall follow all pretreatment and labeling regulations for water bottling, including the requirements described in Section 111070.5 of the Health and Safety Code and the requirements for bottled water and vended water pursuant to Section 111080 of the Health and Safety Code.

(g) Advanced purified demonstration water shall be handled from the point of production to the completion of bottling in accordance with all regulations governing the transportation, bottling, labeling, and handling of bottled water, as defined in subdivision (a) of Section 111070 of the Health and Safety Code, including, but not limited to, subdivisions (a), (b), (f), and (h) of Section 111075 of the Health and Safety Code and Section 111070.5 of the Health and Safety Code. A water-bottling plant that bottles advanced purified demonstration water in accordance with this section may also bottle potable water, subject to compliance with Article 12 (commencing with Section 111070) of Chapter 5 of Part 5 of Division 104 of the Health and Safety Code.

(h) An advanced water purification facility shall not provide bottled advanced purified demonstration water to any person under 18 years of age without the consent of that person's parent or legal guardian.

(i) An advanced water purification facility shall not provide advanced purified demonstration water for human consumption, as defined in Section 116275 of the Health and Safety Code, including, but not limited to, in bottles, to more than 25 individuals per day for 60 or more days in a calendar year.

(j) Advanced purified demonstration water shall be bottled in nonreturnable (one-way) bottles or packages with labels containing the following information in an easily readable format that complies with all of the following:

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(1) The label shall state "sample water--not for sale" and "Advanced Purified Water Sourced From Wastewater."

(2) The label shall set forth the name, address, telephone number, and Internet Web site of the operator of the facility producing the advanced purified demonstration water.

(3) The label shall include a brief description of the advanced purified demonstration water, including its source and the treatment processes to which the water is subjected.

(k) A single advanced water purification facility shall not cause more than 1,000 gallons of advanced purified demonstration water to be bottled in a calendar year.

(l) Advanced purified demonstration water shall not be sold or otherwise distributed in exchange for financial consideration.

(m) Any operator of an advanced water purification facility seeking to bottle advanced purified demonstration water shall establish a collection and recycling program for distributed bottles.

(n) The operator of an advanced water purification facility that is bottling advanced purified demonstration water shall do all of the following:

(1) Maintain a daily record of the number of individuals to whom advanced purified demonstration water is distributed, served, made available, or otherwise provided, including, but not limited to, from a bottle.

(2) Compile a report of all daily records described in paragraph (1) for each calendar year.

(3) Certify under penalty of perjury that the report is accurate.

(4) Provide the report within 45 days of the end of the calendar year for which the report was made to the deputy director of the Division of Drinking Water of the State Water Resources Control Board.

(o) This section does not exempt an advanced water purification facility from any standard for bottling water imposed pursuant to federal law.

Chapter 7.5. Water Recycling Act of 1991

§13575. Recycling Act title

(a) This chapter shall be known and may be cited as the Water Recycling Act of 1991.

(b) As used in this chapter, the following terms have the following meanings:

(1) "Customer" means a person or entity that purchases water from a retail water supplier.

(2) "Entity responsible for groundwater replenishment" means any person or entity authorized by statute or court order to manage a groundwater basin and acquire water for groundwater replenishment.

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(3) "Recycled water" has the same meaning as defined in subdivision (n) of Section 13050.

(4) "Recycled water producer" means any local public entity that produces recycled water.

(5) "Recycled water wholesaler" means any local public entity that distributes recycled water to retail water suppliers and which has constructed, or is constructing, a recycled water distribution system.

(6) "Retail water supplier" means any local entity, including a public agency, city, county, or private water company, that provides retail water service.

(7) "Retailer" means the retail water supplier in whose service area is located the property to which a customer requests the delivery of recycled water service.

§13576. Legislative findings

The Legislature hereby makes the following findings and declarations:

(a) The State of California is subject to periodic drought conditions.

(b) The development of traditional water resources in California has not kept pace with the state's population, which is growing at the rate of over 700,000 per year and which is anticipated to reach 36,000,000 by the year 2010.

(c) There is a need for a reliable source of water for uses not related to the supply of potable water to protect investments in agriculture, greenbelts, and recreation and to replenish groundwater basins, and protect and enhance fisheries, wildlife habitat, and riparian areas.

(d) The environmental benefits of recycled water include a reduced demand for water in the Sacramento-San Joaquin Delta that is otherwise needed to maintain water quality, reduced discharge of waste into the ocean, and the enhancement of groundwater basins, recreation, fisheries, and wetlands.

(e) The use of recycled water has proven to be safe from a public health standpoint, and the State Department of Public Health is updating regulations for the use of recycled water.

(f) The use of recycled water is a cost-effective, reliable method of helping to meet California's water supply needs.

(g) The development of the infrastructure to distribute recycled water will provide jobs and enhance the economy of the state.

(h) Retail water suppliers and recycled water producers and wholesalers should promote the substitution of recycled water for potable water and imported water in order to maximize the appropriate cost-effective use of recycled water in California.

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(i) Recycled water producers, retail water suppliers, and entities responsible for groundwater replenishment should cooperate in joint technical, economic, and environmental studies, as appropriate, to determine the feasibility of providing recycled water service.

(j) Retail water suppliers and recycled water producers and wholesalers should be encouraged to enter into contracts to facilitate the service of recycled and potable water by the retail water suppliers in their service areas in the most efficient and cost-effective manner.

(k) Recycled water producers and wholesalers and entities responsible for groundwater replenishment should be encouraged to enter into contracts to facilitate the use of recycled water for groundwater replenishment if recycled water is available and the authorities having jurisdiction approve its use.

(l) Wholesale prices set by recycled water producers and recycled water wholesalers, and rates that retail water suppliers are authorized to charge for recycled water, should reflect an equitable sharing of the costs and benefits associated with the development and use of recycled water.

§13577. Water recycling goal

This chapter establishes a statewide goal to recycle a total of 700,000 acre-feet of water per year by the year 2000 and 1,000,000 acre-feet of water per year by the year 2010.

§13578. Recycled Water Task Force

(a) In order to achieve the statewide goal for recycled water use established in Section 13577 and to implement the Governor's Advisory Drought Planning Panel Critical Water Shortage Contingency Plan recommendations, Section F2, as submitted December 29, 2000, the department shall identify and report to the Legislature on opportunities for increasing the use of recycled water, as defined in paragraph (3) of subdivision (b) of Section 13575, and identify constraints and impediments, including the level of state financial assistance available for project construction, to increasing the use of recycled water.

(b) The department shall convene a task force, to be known as the 2002 Recycled Water Task Force, to advise the department in implementation of subdivision (a), including making recommendations to the Legislature regarding the following:

(1) How to further the use of recycled water in industrial and commercial applications, including, but not limited to, those applications set forth in Section 13552.8. The task force shall evaluate the current regulatory framework of state and local rules, regulations, ordinances, and permits to identify the obstacles and disincentives to industrial and commercial reuse. Issues to be investigated include, but are not limited to, applicability of visual inspections instead of pressure tests for cross-connections between potable and nonpotable water systems, dual piping trenching restrictions, fire suppression system design, and backflow protections.

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(2) Changes in the Uniform Plumbing Code, published by the International Association of Plumbing and Mechanical Officials, that are appropriate to facilitate the use of recycled water in industrial and commercial settings. The department shall make recommendations to the California Building Standards Commission with regard to suggested revisions to the California Plumbing Code necessary to incorporate the changes identified by the task force.

(3) Changes in state statutes or the current regulatory framework of state and local rules, regulations, ordinances, and permits appropriate to increase the use of recycled water for commercial laundries and toilet and urinal flushing in structures including, but not limited to, those defined in subdivision (c) of Section 13553. The department shall identify financial incentives to help offset the cost of retrofitting privately and publicly owned structures.

(4) The need to reconvene the California Potable Reuse Committee established by the department in 1993 or convene a successor committee to update the committee's finding that planned indirect potable reuse of recycled water by augmentation of surface water supplies would not adversely affect drinking water quality if certain conditions were met.

(5) The need to augment state water supplies using water use efficiency strategies identified in the CALFED Bay-Delta Program. In its report pursuant to subdivision (a), the department shall identify ways to coordinate with CALFED to assist local communities in educating the public with regard to the statewide water supply benefits of local recycling projects and the level of public health protection ensured by compliance with the uniform statewide water recycling criteria developed by the State Department of Public Health in accordance with Section 13521.

(6) Impediments or constraints, other than water rights, related to increasing the use of recycled water in applications for agricultural, environmental, or irrigation uses, as determined by the department.

(c)

(1) The task force shall be convened by the department and be comprised of one representative from each of the following state agencies:

- (A) The department.
- (B) The State Department of Public Health.
- (C) The state board.
- (D) The California Environmental Protection Agency.
- (E) The CALFED Bay-Delta Program.
- (F) The Department of Food and Agriculture.
- (G) The California Building Standards Commission.
- (H) The University of California.
- (I) The Natural Resources Agency.

(2) The task force shall also include one representative from a recognized environmental advocacy group and one representative from a consumer advocacy group, as determined by the department, and one representative of local agency health officers, one representative of urban water wholesalers, one representative from a groundwater management entity, one representative of water districts, one representative from a nonprofit association of public and private members

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created to further the use of recycled water, one representative of commercial real estate, one representative of land development, one representative of industrial interests, and at least two representatives from each of the following as defined in Section 13575:

- (A) Recycled water producer.
- (B) Recycled water wholesaler.
- (C) Retail water supplier.

(d) The department and the task force shall report to the Legislature not later than July 1, 2003.

(e) The department shall carry out the duties of this section only to the extent that funds pursuant to Section 79145, enacted as part of the Safe Drinking Water, Clean Water, Watershed Protection, and Flood Protection Act (Division 26 (commencing with Section 79000)), are made available for the purposes of this section

§13579. Identification of potential uses

(a) In order to achieve the goals established in Section 13577, retail water suppliers shall identify potential uses for recycled water within their service areas, potential customers for recycled water service within their service areas, and, within a reasonable time, potential sources of recycled water.

(b) Recycled water producers and recycled water wholesalers may also identify potential uses for recycled water, and may assist retail water suppliers in identifying potential customers for recycled water service within the service areas of those retail water suppliers.

(c) Recycled water producers, retail water suppliers, and entities responsible for groundwater replenishment may cooperate in joint technical, economic, and environmental studies, as appropriate, to determine the feasibility of providing recycled water service and recycled water for groundwater replenishment consistent with the criteria set forth in paragraphs (1) to (3), inclusive, of subdivision (a) of Section 13550 and in accordance with Section 60320 of Title 22 of the California Code of Regulations.

§13580. Application for recycled water supply (Amended effective January 1, 2015.)

(a) A retail water supplier that has identified a potential use or customer pursuant to Section 13579 may apply to a recycled water producer or recycled water wholesaler for a recycled water supply.

(b) A recycled water producer or recycled water wholesaler that has identified a potential use or customer pursuant to Section 13579, that is within the service territory or jurisdiction of a retail water supplier, may, in writing, request a retail water supplier to enter into an agreement to provide recycled water to the potential customer.

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(c) A customer may request, in writing, a retailer to enter into an agreement to provide recycled water to the customer.

(d)

(1) An entity responsible for groundwater replenishment that is a customer of a retail water supplier and that has identified the potential use of recycled water for groundwater replenishment purposes may, in writing, request that retail water supplier to enter into an agreement to provide recycled water for that purpose consistent with Sections 13580.5, 13580.7, and 13580.8, as applicable. That entity may not obtain recycled water for that purpose from a recycled water producer, a recycled water wholesaler, or another retail water supplier without the agreement of the entity's retail water supplier.

(2) An entity responsible for groundwater replenishment that is not a customer of a retail water supplier and that has identified the potential use of recycled water for groundwater replenishment purposes may, in writing, request a retail water supplier, a recycled water producer, or a recycled water wholesaler to enter into an agreement to provide recycled water for that purpose.

§13580.5. Agreements (Amended effective January 1, 2015.)

(a)

(1) Subject to subdivision (e) of Section 13580.7, a retail water supplier that receives a request from a customer pursuant to subdivision (c) of Section 13580 shall enter into an agreement to provide recycled water, if recycled water is available, or can be made available, to the retail water supplier for sale to the customer.

(2) Notwithstanding paragraph (1), in accordance with a written agreement between a recycled water producer or a recycled water wholesaler and a retail water supplier, the retail water supplier may delegate to a recycled water producer or a recycled water wholesaler its responsibility under this section to provide recycled water.

(b) A customer may not obtain recycled water from a recycled water producer, a recycled water wholesaler, or a retail water supplier that is not the retailer without the agreement of the retailer.

(c) If either a recycled water producer or a recycled water wholesaler provides a customer of a retail water supplier with a written statement that it can and will provide recycled water to the retailer, the retail water supplier shall, not later than 120 days from the date on which the retail water supplier receives the written statement from the customer, by certified mail, return receipt requested, submit a written offer to the customer that includes the items listed in subdivision (f) of Section 13580.7. A determination of availability pursuant to Section 13550 is not required.

(d) If the state board pursuant to Section 13550 makes a determination that there is available recycled water to serve a customer of a retail water supplier, the retail water supplier, not later than 120 days from the date on which the retail water supplier receives a copy of that

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determination from the customer, by certified mail, return receipt requested, shall submit a written offer to the customer.

§13580.7. Public Agency Retail Water Suppliers (Amended effective January 1, 2015.)

(a) This section applies only to a retail water supplier that is either a mutual water company, formed and operating pursuant to Part 7 (commencing with Section 14300) of Division 3 of Title 1 of the Corporations Code, or a public agency.

(b) A customer may request, in writing, a retail water supplier to enter into an agreement or adopt recycled water rates in order to provide recycled water service to the customer. The retail water supplier, by certified mail return receipt requested, shall submit a written offer to the customer not later than 120 days from the date on which the retail water supplier receives the written request from the customer that complies with subdivision (f).

(c) If no rate is in effect for recycled water service within the service area of a retail water supplier, the rate and conditions for recycled water service shall be established by contract between the retail water supplier and the customer, not later than 120 days from the date on which the customer requests a contract, or, by resolution or ordinance by the retail water supplier if it is a public agency, or by resolution if the retail water supplier is a mutual water company, not later than 120 days from the date on which the retail water supplier receives the customer's written request for an ordinance or resolution.

(d) A rate for recycled water service established by contract, ordinance, or resolution, shall reflect a reasonable relationship between the amount of the rate and the retail cost of obtaining or producing the recycled water, the cost of conveying the recycled water, and overhead expenses for providing and administering the use of recycled water service. Capital costs of facilities required to serve the customer shall be amortized over the economic life of the facility, or the length of time the customer agrees to purchase recycled water, whichever is less. The rate shall not exceed the estimated reasonable cost of providing the service, and any additional costs agreed to by the customer for recycled water supplemental treatment.

(e) To the extent feasible, the rate for recycled water shall be comparable to, or less than, the retail water supplier's rate for potable water. If recycled water service cannot be provided at a rate comparable to, or less than, the rate for potable water, the retail water supplier is not required to provide the recycled water service, unless the customer agrees to pay a rate that reimburses the retail water supplier for the costs described in subdivision (c).

(f) The offer required by subdivision (b) and subdivisions (c) and (d) of Section 13580.5 shall identify all of the following:

- (1) The source for the recycled water.
- (2) The method of conveying the recycled water.
- (3) A schedule for delivery of the recycled water.

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- (4) The terms of service.
- (5) The rate for the recycled water, including the per-unit cost for that water.
- (6) The costs necessary to provide service and the basis for determining those costs.

(g) This section does not apply to recycled water service rates established before January 1, 1999, or any amendments to those rates.

§13580.8. Retail water supplier regulated by the PUC

(a) This section applies only to a retail water supplier that is regulated by the Public Utilities Commission.

(b) Rates for recycled water that is provided to the customer by a retail water supplier regulated by the Public Utilities Commission shall be established by the commission pursuant to Section 455.1 of the Public Utilities Code. A regulated water utility may request the commission to establish the rate or rates for the delivery of recycled or nonpotable water, with the objective of providing, where practicable, a reasonable economic incentive for the customer to purchase recycled or nonpotable water in place of potable water.

(c) A regulated water utility may propose a rate or rates for recycled or nonpotable water by tariff or by contract between the retail water supplier and the customer. Where the rate or rates are set by contract, the water utility and its customer shall meet, confer, and negotiate in good faith to establish a contract rate.

(d) The commission shall, as appropriate, provide a discount from the general metered rate of the water utility for potable water by either of the following means:

(1) Passing through to the customer the net reduction in cost to the water utility in purchasing and delivering recycled or nonpotable water as compared to the cost of purchasing and delivering potable water.

(2) Granting to the customer a uniform discount from the water utility's general metered potable water rate when the discount in paragraph (1) is determined to be an insufficient incentive for the customer to convert to the use of recycled or nonpotable water. If the commission provides for a discount pursuant to this paragraph that is greater than the water utility's reduction in cost, the commission shall authorize the water utility to include the aggregate amount of that discount in its revenue requirements to be applied to, and recovered in, rates that are applicable to all general metered customers.

§13580.9. City of West Covina

(a) Notwithstanding any other law, and except as otherwise previously provided for in a contract agreed to by the customer and the City of West Covina, if the purchaser, contractor, or lessee of, or successor to, all or a portion of the water utility owned by the City of West Covina is a retail water supplier that is regulated by the Public Utilities Commission, rates for recycled or nonpotable water service to a closed hazardous waste and solid waste facility located within

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the boundaries of the City of West Covina for the purposes of irrigation, recreation, or dust suppression or any other use at that facility shall be established in accordance with subdivisions (a) to (e), inclusive, of Section 13580.7, and if there is a failure to agree on the terms and conditions of a recycled or nonpotable water supply agreement for the delivery of water for those purposes by that purchaser, contractor, lessee, or successor, Section 13581 shall apply.

(b) For the purpose of this section, nonpotable water that is not the result of the treatment of waste shall be treated as the equivalent of recycled water if it is suitable for a direct beneficial use or a controlled use that would not otherwise occur and is therefor considered a valuable resource, if the use of that water will not adversely affect downstream water rights, degrade water quality, or be injurious to plant life, fish, or wildlife, as provided by statute or by regulations of the State Department of Public Health and the state board or a regional board, as appropriate.

§13581. Formal mediation process

(a) If there is a failure to agree on terms and conditions of a recycled water supply agreement involving a retail water supplier that is a public agency within 180 days from the date of the receipt of a request for recycled water pursuant to subdivision (c) of Section 13580, a written statement pursuant to subdivision (c) of Section 13580.5, or a determination of availability pursuant to subdivision (d) of Section 13580.5, any party may request a formal mediation process. The parties shall commence mediation within 60 days after the mediation request is made. If the parties cannot agree on a mediator, the director shall appoint a mediator. The mediator may recommend to the parties appropriate terms and conditions applicable to the service of recycled water. The cost for the services of the mediator shall be divided equally among the parties to the mediation and shall not exceed twenty thousand dollars (\$20,000).

(b) If the parties in mediation reach agreement, both parties together shall draft the contract for the recycled water service. The parties shall sign the contract within 30 days.

(c) If the parties in mediation fail to reach agreement, the affected retail water supplier shall, within 30 days, by resolution or ordinance, adopt a rate for recycled water service. The agency action shall be subject to validating proceedings pursuant to Chapter 9 (commencing with Section 860) of Part 2 of Title 10 of the Code of Civil Procedure, except that there shall not be a presumption in favor of the retail water supplier under the action taken to set the rate for recycled water service. The mediator shall file a report with the superior court setting forth the recommendations provided to the parties regarding appropriate terms and conditions applicable to the service of recycled water. Each party shall bear its own costs and attorney's fees.

§13581.2. Process for a retail water supplier regulated by the PUC

If the retail water supplier is regulated by the Public Utilities Commission, and there is a failure to agree on terms and conditions of a recycle water supply agreement with a customer within 180 days from the date of the receipt of a request for recycled water pursuant to subdivision (c) of

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Section 13580, a written statement pursuant to subdivision (c) of Section 13580.5, or a determination of availability pursuant to subdivision (d) of Section 13580.5, the matter shall be submitted to the Public Utilities Commission for resolution, and the commission shall determine a contract rate or rates for recycled water as provided in Section 13580.8.

§13582. Construction of chapter

This chapter is not intended to alter either of the following:

(a) Any rights, remedies, or obligations which may exist pursuant to Article 1.5 (commencing with Section 1210) of Chapter 1 of Part 2 of Division 2 of this code or Chapter 8.5 (commencing with Section 1501) of Part 1 of Division 1 of the Public Utilities Code.

(b) Any rates established or contracts entered into prior to January 1, 1999.

§13583. Noncompliance

(a) If a retail water supplier that is a public agency does not comply with this chapter, the customer may petition a court for a writ of mandate pursuant to Chapter 2 (commencing with Section 1084) of Title 1 of Part 3 of the Code of Civil Procedure.

(b) If a retail water supplier is regulated by the Public Utilities Commission and does not comply with this chapter, the Public Utilities Commission may order the retailer to comply with this chapter after receiving a petition from the customer specifying the provisions of this chapter with which the retailer has failed to comply.

Chapter 8. Federal Assistance for Treatment Facilities

§13605. Grant Consideration for Recycled Water

For the purpose of reviewing applications for grants made pursuant to authority granted in Section 13600, the state board shall give added consideration to applicants having facilities providing optimum water recycling and use of recycled water.

Chapter 9. Waste Water Treatment Plant Classification and Operator Certifications

§13625. Definitions (Amended effective January 1, 2017.)

As used in this chapter unless the context otherwise requires, the following definitions apply:

(a) "Chief plant operator" means the person designated by the owner of the wastewater treatment plant as the person responsible for the overall operation of the wastewater treatment plant, including compliance with effluent limitations established in the wastewater treatment plant's waste discharge requirements.

(b) "Operates" means actions or decisions to control performance or outcome of one or more wastewater treatment processes and includes the supervision of any other person who acts or

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makes decisions to control the performance or outcome of one or more wastewater treatment processes.

(c) "Wastewater certificate" means a certificate of competency issued by the state board stating that a person has met the requirements to be certified for a specific classification and grade level in the certification program. At a minimum, wastewater certificate classifications shall include operators and operators-in-training.

(d)

(1) "Wastewater treatment plant" means any of the following:

(A) Any facility owned by a state, local, or federal agency and used in the treatment or reclamation of sewage or industrial wastes.

(B) Any privately owned facility used in the treatment or reclamation of sewage or industrial wastes, and regulated by the Public Utilities Commission pursuant to Sections 216 and 230.6 of, and Chapter 4 (commencing with Section 701) of Part 1 of Division 1 of, the Public Utilities Code.

(C) Any privately owned facility used primarily in the treatment or reclamation of sewage for which the state board or a regional board has issued waste discharge requirements.

(2) "Wastewater treatment plant" does not include onsite sewage treatment systems as regulated by the state board or a regional water quality control board pursuant to Chapter 4.5 (commencing with Section 13290).

(e) "Wastewater treatment process" means a process that improves the quality of wastewater before it is discharged from a wastewater treatment plant and includes all of the following:

(1) Use of preliminary, primary, pond, secondary, or tertiary treatment for liquid-solids separation of wastewater.

(2) Use of disinfection to inactivate or destroy pathogens in wastewater.

(3) Use of solids treatment for solids stabilization and volume reduction before removal from the wastewater treatment plant site.

(f) "Water treatment operator certificate" has the same meaning as defined in Section 106876 of the Health and Safety Code.

(g) "Water recycling treatment plant" means a wastewater treatment plant that further treats secondary or tertiary effluent, or both, for the purpose of meeting the uniform statewide recycling criteria established pursuant to Section 13521 for the use of recycled water.

§13625.1. Class 1 Wastewater Treatment Plant Exemptions

(a) The state board may exempt from the requirements of this chapter any facility that is classified as a Class 1 plant by the state board under Section 3675 of Title 23 of the California Code of Regulations, and the facility could not, due to operator error, violate water quality objectives.

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(b) An exemption granted pursuant to this section is valid for four years, and may be renewed by the state board upon request.

(c) The state board may condition an exemption under this section, and the exemption may be terminated at any time by the board.

(d) The state board may charge a reasonable administrative fee for processing a facility's original or renewal application for exemption.

§13626. Classification of Wastewater Treatment Plants (Amended effective January 1, 2017.)

The state board shall classify types of wastewater treatment plants for the purpose of determining the levels of competence necessary to operate them. The state board shall adopt regulations setting forth the types of plants and the factors on which the state board based its classification.

§13627. Classification and Operator Certifications (Amended effective January 1, 2017.)

(a) Except as provided in Section 13625.1 and subdivision (b), a person who operates a wastewater treatment plant shall possess a valid, unexpired wastewater certificate of the appropriate grade.

(b) A person who operates a water recycling treatment plant may comply with subdivision (a) by possessing a valid, unexpired water treatment operator certificate of the appropriate grade.

(c) All wastewater certificates shall be issued in accordance with regulations adopted by the state board. The state board shall develop and specify in its regulations the training necessary to qualify a person for a wastewater certificate for each type and class of plant. The state board may accept experience in lieu of qualification training.

(d) The state board may refuse to grant, suspend, or revoke any wastewater certificate or may place on probation, or reprimand, the certificate holder upon any reasonable ground, including, but not limited to, all of the following reasons:

(1) Submitting false or misleading information on an application for a wastewater certificate or an examination for a wastewater certificate.

(2) The employment of fraud or deception in the course of operating the wastewater treatment plant.

(3) A wastewater certificate holder's failure to use reasonable care or judgment in the operation of the plant.

(4) A wastewater certificate holder's inability to perform operating duties properly.

(5) Willfully or negligently violating, or causing, or allowing the violation of, waste discharge requirements or permits issued pursuant to the Clean Water Act (33 U.S.C. Sec. 1251 et seq.) or this division.

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(6) Engaging in dishonest conduct during an examination for a wastewater certificate.

(e) The state board shall conduct all proceedings for the refusal to grant a wastewater certificate, and suspension or revocation of a certificate, pursuant to subdivision (d), in accordance with the rules adopted pursuant to Section 185.

§13627.1. Penalties (Amended effective January 1, 2017.)

(a) Any person who commits either of the following violations is guilty of a misdemeanor and may be liable civilly in an amount not to exceed one hundred dollars (\$100) for each day of violation:

(1) Operates a wastewater treatment plant that is not a water recycling treatment plant but does not hold a valid, unexpired wastewater certificate of the appropriate grade issued pursuant to this chapter.

(2) Operates a water recycling treatment plant but does not hold either a valid, unexpired wastewater certificate of the appropriate grade issued pursuant to this chapter or a valid, unexpired water treatment operator certificate of the appropriate grade.

(b) Any person or entity who commits either of the following violations is guilty of a misdemeanor and may be liable civilly in an amount not to exceed one hundred dollars (\$100) for each day of violation:

(1) Owns or operates a wastewater treatment plant that is not a water recycling treatment plant that employs, or allows the employment of, any person who operates the wastewater treatment plant but does not hold a valid, unexpired wastewater certificate of the appropriate grade issued pursuant to this chapter.

(2) Owns or operates a water recycling treatment plant that employs, or allows the employment of, any person who operates the water recycling treatment plant but does not hold a valid, unexpired wastewater certificate of the appropriate grade issued pursuant to this chapter or a valid, unexpired water treatment operator certificate of the appropriate grade.

(c) Any person who commits any of the acts listed in paragraph (2), (3), (5), or (6) of subdivision (d) of Section 13627 or paragraph (3) or (5) of subdivision (c) of Section 13627.3 may be liable civilly in an amount not to exceed five thousand dollars (\$5,000) for each violation.

§13627.2. Penalties for false information (Amended effective January 1, 2017.)

Any person who submits to the state board false or misleading information on an application for a wastewater certificate, on an application for an examination for a wastewater certificate, or on an application for registration may be liable civilly in an amount not to exceed five thousand dollars (\$5,000) for each violation.

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§13627.3. Annual Reports (Amended effective January 1, 2017.)

(a) Any person or entity that contracts with the owner of a wastewater treatment plant to operate that plant shall register with the state board, and shall, within a year after the registration or the renewal of the registration, and annually thereafter, prepare and submit to the state board a report with all of the following information:

- (1) The name and address of the person or entity.
- (2) The name and address of the wastewater treatment plants that the person or entity operates, or has operated during the preceding year, and the name of the applicable regional board that oversees each wastewater treatment plant.
- (3) The name and grade of each wastewater treatment plant operator employed at each plant.
- (4) Other information that the state board requires.

(b) The state board shall, by regulation, prescribe the procedures, and requirements for, registration pursuant to subdivision (a).

(c) The state board may refuse to grant, and may suspend or revoke, any registration issued by the state board pursuant to this section for good cause, including, but not limited to, any of the following reasons:

- (1) The submission of false or misleading information on an application for registration.
- (2)
 - (A) Employment of a person to operate a wastewater treatment plant that is not a water recycling treatment plant who does not hold a valid, unexpired wastewater certificate of the appropriate grade.
 - (B) Employment of a person to operate a water recycling treatment plant who does not hold either a valid, unexpired wastewater certificate of the appropriate grade issued pursuant to this chapter or a valid, unexpired water treatment operator certificate of the appropriate grade.
- (3) Willfully or negligently causing or allowing a violation of waste discharge requirements or permits issued pursuant to the Clean Water Act (33 U.S.C. Sec. 1251 et seq.) or this division.
- (4) Failure to meet the registration requirements prescribed by the state board pursuant to subdivision (b).
- (5) Failure to use reasonable care in the management or operation of the wastewater treatment plant.

(d) The state board shall conduct all proceedings relating to the refusal to grant, or the suspension or revocation of, registration pursuant to subdivision (c) in accordance with the rules adopted pursuant to Section 185.

(e) The state board shall establish a fee schedule to pay for its costs to implement this section.

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(f) Any person or entity that fails to comply with subdivision (a) is guilty of a misdemeanor and may be civilly liable in an amount not to exceed one thousand dollars (\$1,000) for each day of the violation.

§13627.4. State Board may impose civil liability

(a) The state board may administratively impose the civil liability described in Section 13627.1, 13627.2, or 13627.3 in accordance with Article 2.5 (commencing with Section 13323) of Chapter 5.

(b) A remedy under this chapter is in addition to, and does not supersede or limit, any other remedy, civil or criminal, except that liability is not recoverable against an operator under subdivision (c) of Section 13627.1 for a violation for which liability is recovered against the operator under Section 13350 or 13385.

§13627.6. (Effective January 1, 2017.)

The state board, by regulation, shall prescribe the procedures and requirements for designation of a person as the chief plant operator and the duties that a chief plant operator is required to perform.

§13628. (Effective January 1, 2017.)

(a) Wastewater certificates issued or renewed pursuant to this chapter on or after January 1, 2017, shall be renewed triennially, subject to compliance by applicants with renewal requirements prescribed by regulations.

(b) Fees shall be payable to the state board at the time of issuance of a wastewater certificate and at the time of renewal. The state board shall establish a fee schedule to provide revenues that shall not exceed the amount necessary, but shall be sufficient, to recover all the costs of this program.

(c) The state board may establish reduced fees for the issuance or renewal of a wastewater certificate for applicants who hold a valid, unexpired water treatment operator certificate or a valid, unexpired water distribution operator certificate.

(d) The state board shall set the amount of total revenue collected each year through the fee schedules established pursuant to this chapter at an amount equal to the amount appropriated by the Legislature in the annual Budget Act from the Wastewater Operator Certification Fund for expenditure for the administration of this chapter, taking into account the reserves in the fund. The state board shall review the fees each fiscal year and revise the fees as necessary to conform with the amounts appropriated by the Legislature. If the state board determines that the revenue collected during the preceding year was greater than, or less than, the amounts appropriated by the Legislature, the state board may further adjust the fees to compensate for the overcollection or undercollection of the revenue.

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(e) The state board may adopt regulations pursuant to this section, including any subsequent adjustments to the fees or subsequent amendments to the regulations, as emergency regulations in accordance with Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code. The adoption of these emergency regulations is an emergency and shall be considered by the Office of Administrative Law as necessary for the immediate preservation of the public peace, health, safety, and general welfare. Notwithstanding Chapter 3.5 (commencing with Section 11340) of Part 1 of Division 3 of Title 2 of the Government Code, any emergency regulations adopted by the state board, or any adjustment to the fees made by the state board pursuant to this section, shall remain in effect until revised by the state board.

§13628.5. (Effective January 1, 2017.)

(a) The Wastewater Operator Certification Fund is hereby created in the State Treasury.

(b) All of the following moneys shall be deposited in the Wastewater Operator Certification Fund:

- (1) Any moneys made available by the Legislature for the purposes of the fund.
- (2) Fees collected pursuant to this chapter.
- (3) Notwithstanding Section 16305.7 of the Government Code, all interest earned upon moneys that are deposited in the fund.

(c) The state board may expend the moneys in the Wastewater Operator Certification Fund, upon appropriation by the Legislature, for purposes of administering this chapter.

§13629. (Effective January 1, 2017.)

The state board may approve courses of instruction at higher educational institutions that will qualify operators for each grade of certification. The state board shall also approve courses of instruction given by professional associations, or other private or public agencies that shall be deemed equivalent to courses of instruction given by higher educational institutions.

§13630.

The state board is the state agency which is authorized to represent the state and its local governmental agencies in administering any federal or state funds available for wastewater treatment plant operator training. The state board may provide technical and financial assistance to organizations providing operator training programs.

§13631.

Prior to adopting or amending any regulations or approving any courses for operator training, the state board shall appoint an advisory committee to assist it in carrying out its responsibilities under this chapter.

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§13632. (Effective January 1, 2017.)

The advisory committee appointed pursuant to Section 13631 shall consist of the following:

- (a) Two persons from a statewide organization representing wastewater treatment plant operators who shall be employed at a wastewater treatment plant as operators.
- (b) Two persons from statewide organizations representing municipalities, including counties or private utility wastewater treatment plants.
- (c) Two persons from statewide organizations representing local sanitation agencies, other than agencies specified in subdivision (b).
- (d) One person who is employed as an operator at a water recycling treatment plant.
- (e) One person from an educational institution's school or division of engineering.
- (f) One person who is a member of an organized labor union that represents wastewater treatment plant operators.
- (g) One person who is a professional engineer specializing in sanitary engineering.

§13633.

The advisory committee shall review all proposed regulations and make recommendations to the state board prior to adoption of any regulations or amendments thereto.

Chapter 10. Water Wells and Cathodic Protection Wells

Article 3. Reports

§13750.5.

No person shall undertake to dig, bore, or drill a water well, cathodic protection well, groundwater monitoring well, or geothermal heat exchange well, to deepen or reperform such a well, or to abandon or destroy such a well, unless the person responsible for that construction, alteration, destruction, or abandonment possesses a C-57 Water Well Contractor's License.

§13751.

(a) Every person who digs, bores, or drills a water well, cathodic protection well, groundwater monitoring well, or geothermal heat exchange well, abandons or destroys such a well, or deepens or reperformates such a well, shall file with the department a report of completion of that well within 60 days from the date its construction, alteration, abandonment, or destruction is completed.

(b) The report shall be made on forms furnished by the department and shall contain information as follows:

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(1) In the case of a water well, cathodic protection well, or groundwater monitoring well, the report shall contain information as required by the department, including, but not limited to all of the following information:

- (A) A description of the well site sufficiently exact to permit location and identification of the well.
- (B) A detailed log of the well.
- (C) A description of type of construction.
- (D) The details of perforation.
- (E) The methods used for sealing off surface or contaminated waters.
- (F) The methods used for preventing contaminated waters of one aquifer from mixing with the waters of another aquifer.
- (G) The signature of the well driller.

(2) In the case of a geothermal heat exchange well, the report shall contain all of the following information:

- (A) A description of the site that is sufficiently exact to permit the location and identification of the site and the number of geothermal heat exchange wells drilled on the same lot.
- (B) A description of borehole diameter and depth and the type of geothermal heat exchange system installed.
- (C) The methods and materials used to seal off surface or contaminated waters.
- (D) The methods used for preventing contaminated water in one aquifer from mixing with the water in another aquifer.
- (E) The signature of the well driller.

§13752. (Effective June 24, 2015.)

(a) Reports made in accordance with paragraph (1) of subdivision (b) of Section 13751 shall be made available as follows:

- (1) To governmental agencies.
- (2) To the public, upon request, in accordance with subdivision (b).

(b)

(1) The department may charge a fee for the provision of a report pursuant to paragraph (2) of subdivision (a) that does not exceed the reasonable costs to the department of providing the report, including costs of promulgating any regulations to implement this section.

(2) Notwithstanding subdivision (g) of Section 1798.24 of the Civil Code, the disclosure of a report in accordance with paragraph (2) of subdivision (a) in the possession of the department or another governmental agency shall comply with the Information Practices Act of 1977 (Chapter 1 (commencing with Section 1798) of Title 1.8 of Part 4 of Division 3 of the Civil Code).

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§13753.

Every person who hereafter converts, for use as a water well, cathodic protection well, or monitoring well, any oil or gas well originally constructed under the jurisdiction of the Department of Conservation pursuant to Article 4 (commencing with Section 3200) of Chapter 1 of Division 3 of the Public Resources Code, shall comply with all provisions of this chapter.

§13754.

Failure to comply with any provision of this article, or willful and deliberate falsification of any report required by this article, is a misdemeanor.

Before commencing prosecution against any person, other than for willful and deliberate falsification of any report required by this article, the person shall be given reasonable opportunity to comply with the provisions of this article.

§13755.

This chapter does not affect the powers and duties of the State Department of Public Health with respect to water and water systems pursuant to Chapter 4 (commencing with Section 116270) of Part 12 of Division 104 of the Health and Safety Code. Every person shall comply with this chapter and any regulation adopted pursuant thereto, in addition to standards adopted by any city or county.

Article 4. Quality Control

§13800.

The department, after the studies and investigations pursuant to Section 231 as it finds necessary, on determining that water well, cathodic protection well, and monitoring well construction, maintenance, abandonment, and destruction standards are needed in an area to protect the quality of water used or that may be used for any beneficial use, shall so report to the appropriate regional water quality control board and to the State Department of Public Health. The report shall contain the recommended standards for water well, cathodic protection well, and monitoring well construction, maintenance, abandonment, and destruction as, in the department's opinion, are necessary to protect the quality of any affected water.

§13801.

(a) The regional board, upon receipt of a report from the department pursuant to Section 13800, shall hold a public hearing on the need to establish well standards for the area involved. The regional board may hold a public hearing with respect to any area regardless of whether a report has been received from the department if it has information that standards may be needed.

(b) Notwithstanding subdivision (a), the state board shall, not later than September 1, 1989, adopt a model water well, cathodic protection well, and monitoring well drilling and abandonment ordinance implementing the standards for water well construction, maintenance,

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and abandonment contained in Bulletin 74-81 of the department. If the model ordinance is not adopted by this date, the state board shall report to the Legislature as to the reasons for the delay. The state board shall circulate the model ordinances to all cities and counties.

(c) Notwithstanding any other law, each county, city, or water agency, where appropriate, shall, not later than January 15, 1990, adopt a water well, cathodic protection well, and monitoring well drilling and abandonment ordinance that meets or exceeds the standards contained in Bulletin 74-81. Where a water agency that has permit authority over well drilling within the agency adopts a water well, cathodic protection well, and monitoring well drilling and abandonment ordinance that meets or exceeds the standards contained in Bulletin 74-81, a county or city shall not be required to adopt an ordinance for the same area.

(d) If a county, city, or water agency, where appropriate, fails to adopt an ordinance establishing water well, cathodic protection well, and monitoring well drilling and abandonment standards, the model ordinance adopted by the state board pursuant to subdivision (b) shall take effect on February 15, 1990, and shall be enforced by the county or city and have the same force and effect as if adopted as a county or city ordinance.

(e) The minimum standards recommended by the department and adopted by the state board or local agencies for the construction, maintenance, abandonment, or destruction of monitoring wells or class 1 hazardous injection wells shall not be construed to limit, abridge, or supersede the powers or duties of the State Department of Public Health in their application of standards to the construction, maintenance, abandonment, or destruction of monitoring wells or class 1 hazardous injection wells at facilities that treat, store, or dispose of hazardous waste or at any site where the State Department of Public Health is the lead agency responsible for investigation and remedial action at that site, as long as the standards used by the State Department of Public Health meet or exceed those in effect by any city, county, or water agency where appropriate, responsible for developing ordinances for the area in question.

Chapter 12. Special Water Quality Provisions

§13950.

Notwithstanding any other provision of law, upon any district in the Lake Tahoe Basin providing in any area of the district a sewer system and treatment facilities sufficient to handle and treat any resultant waste and transportation facilities sufficient to transport any resultant effluent outside the Lake Tahoe Basin, the further maintenance or use of cesspools or other means of waste disposal in such area is a public nuisance and the district shall require all buildings from which waste is discharged to be connected with the sewer system within a period of not less than 90 days from the completion of such system and facilities.

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§13951.

Notwithstanding any other provision of law, on or after January 1, 1972, waste from within the Lake Tahoe watershed shall be placed only into a sewer system and treatment facilities sufficient to handle and treat any such waste and transportation facilities sufficient to transport any resultant effluent outside the Lake Tahoe watershed, except that such waste may be placed in a holding tank which is pumped and transported to such treatment and transportation facilities.

As used in this section "waste" shall not include solid waste refuse.

The further maintenance or use of cesspools, septic tanks, or other means of waste disposal in the Lake Tahoe watershed on or after January 1, 1972, by any person, except as permitted pursuant to this section, is a public nuisance. The occupancy of any building from which waste is discharged in violation of this section is a public nuisance, and an action may be brought to enjoin any person from occupying any such building.

This section shall not be applicable to a particular area of the Lake Tahoe watershed whenever the regional board for the Lahontan region finds that the continued operation of septic tanks, cesspools, or other means of waste disposal in such area will not, individually or collectively, directly or indirectly, affect the quality of the waters of Lake Tahoe and that the sewerage of such area would have a damaging effect upon the environment.

This section shall not be applicable to any area or areas within the Fallen Leaf Lake watershed in the event the regional board for the Lahontan region finds that with the export of toilet wastes by single-family residences or with the export of toilet and kitchen wastes with respect to any commercial properties, the continued use of septic tanks, cesspools, or other means of waste disposal in such area or areas for the treatment and disposal of the remaining wastes, will not, individually or collectively, directly or indirectly, affect the quality of the waters of Lake Tahoe, and that the sewerage of such area or areas would have a damaging effect upon the environment.

This section shall not affect the applicability of Section 13950.

§13952.

Notwithstanding the provisions of Sections 13950 and 13951, water containing waste which has been placed in a sanitary sewer system for treatment and transportation outside of the Lake Tahoe Basin may be reclaimed in a pilot reclamation project to demonstrate the technological and environmental feasibility of using such water for beneficial purposes within the Lake Tahoe Basin in accordance with the provisions of the Water Reclamation Law (Chapter 7 (commencing with Section 13500) of this division) and the provisions of this section.

Prior to the initiation of any pilot reclamation project within the Lake Tahoe Basin, the reclaimer or reuser shall submit the project with technical data to the regional board for the Lahontan region for approval. Only those projects submitted before January 1, 1984, shall be considered.

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The technical data submitted shall demonstrate that such pilot reclamation project will not, individually or collectively, directly or indirectly, adversely affect the quality of the waters of Lake Tahoe. The intended operational life of the project shall be at least 10 years.

No pilot reclamation project shall be initiated unless and until such regional board approves the project, and finds that such pilot reclamation project or projects will not, individually or collectively, directly or indirectly, adversely affect the quality of the waters of Lake Tahoe. The regional board for the Lahontan region shall place conditions on any approved project to include specification of maximum project size. The regional board for the Lahontan region may suspend or terminate an approved project for cause at any time.

§13952.1.

(a) Notwithstanding Section 13951, the South Tahoe Public Utility District may provide recycled water only to prevent the destruction of its Luther Pass recycled water pump station from a catastrophic fire if all of the following conditions are met:

(1) The district submits an engineering report to the Lahontan Regional Board and the State Department of Public Health, as required by that regional board and that department.

(2) The Lahontan Regional Board, the State Department of Public Health, and the Tahoe Regional Planning Agency authorize the use of recycled water, and the specified area or areas in the immediate vicinity of the pump station where that recycled water may be used, only to prevent the destruction of the district's Luther Pass recycled water pump station from a catastrophic fire.

(3) The fire incident commander authorizes the use of the recycled water to prevent the destruction of the district's Luther Pass recycled water pump station from a catastrophic fire, as authorized pursuant to this section.

(b) For purposes of this section, "catastrophic fire" means a condition exists that will result in severe harm to life, property, and the environment if the use of recycled water as authorized pursuant to this section is not used, and all other methods to extinguish the fire have been exhausted.

§13952.5.

The declared statewide interest in the preservation of Lake Tahoe, and the state and federal actions mandating the transportation of treated sewage effluent out of the Lake Tahoe watershed, requires that the law relating to the authority for prescribing waste discharge requirements for the effluent, and requirements pertaining to the storage of the effluent, the receiving waters, and the disposal areas, be clarified, and that law is hereby clarified and confirmed, to provide that, notwithstanding Section 13002 or any other provision of law, the regional board for the Lahontan region has exclusive authority to prescribe, under existing law, waste discharge requirements for treated sewage effluent transported out of the Lake Tahoe watershed to Alpine County within the Lahontan region, including requirements pertaining to the storage of the effluent, the receiving waters, and the disposal areas in Alpine County within the Lahontan

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region. However, any such action by that regional board is subject to review as provided in Sections 13320 and 13330.

Chapter 22. Graywater Systems

§14875. Application of chapter

This chapter applies to the construction, installation, or alteration of graywater systems for subsurface irrigation and other safe uses.

§14875.1. Department definition

"Department" means the Department of Water Resources.

§14876. Graywater definition

"Graywater" means untreated wastewater which has not been contaminated by any toilet discharge, has not been affected by infectious, contaminated, or unhealthy bodily wastes, and which does not present a threat from contamination by unhealthful processing, manufacturing, or operating wastes. Graywater includes wastewater from bathtubs, showers, bathroom washbasins, clothes washing machines, and laundry tubs but does not include wastewater from kitchen sinks or dishwashers.

§14877. Graywater system definition

"Graywater system" means a system and devices, attached to the plumbing system for the sanitary distribution or use of graywater.

§14877.1. Consultation with CDPH on standards

(a) The department, in consultation with the State Department of Public Health and the Center for Irrigation Technology at California State University, Fresno, shall adopt standards for the installation of graywater systems. In adopting these standards, the department shall consider, among other resources, "Appendix J," as adopted on September 29, 1992, by the International Association of Plumbing and Mechanical Officials, the graywater standard proposed for the latest edition of the Uniform Plumbing Code of the International Association of Plumbing and Mechanical Officials, the City of Los Angeles Graywater Pilot Project Final Report issued in November 1992, and the advice of the Center for Irrigation Technology at California State University, Fresno, on the installation depth for subsurface drip irrigation systems.

(b) The department shall include among the approved methods of subsurface irrigation, but the approved methods shall not be limited to, drip systems.

(c) The department shall revise its graywater systems standards as needed.

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(d)

(1) The authority of the department under this chapter to adopt standards for residential buildings shall terminate upon the approval by the California Building Standards Commission of the standards submitted to that commission pursuant to Section 17922.12 of the Health and Safety Code.

(2) The authority of the department under this chapter to adopt standards for nonresidential occupancies shall terminate upon the adoption of standards by the California Building Standards Commission pursuant to Section 18941.8 of the Health and Safety Code.

§14877.2. Local administration

A graywater system may be installed if the city or county having jurisdiction over the installation determines that the system complies with standards adopted by the department.

§14877.3. City or county—more stringent

(a) Subject to subdivision (b), a city, county, or other local agency may adopt, after a public hearing and enactment of an ordinance or resolution, building standards that are more restrictive than the graywater building standards adopted pursuant to state requirements.

(b) An ordinance adopted pursuant to subdivision (a) shall include the local climatic, geological, topographical, or public health conditions that necessitate building standards that are more restrictive than the graywater building standards adopted pursuant to state requirements and shall be limited to the specific area of the city, county, or local agency where the conditions exist.

(c) Prior to commencing the issuance of permits for indoor graywater systems pursuant to state requirements relating to graywater, a city, county, or other local agency shall seek consultation with the local public health department to ensure that local public health concerns are addressed in local standards or ordinances, or in issuing permits.

DIVISION 12. COUNTY WATER DISTRICTS

Part 8.2. Coachella Valley Water District

§32600. Definitions

Unless the context otherwise requires, the definitions set forth in this section govern the construction of this part.

(a) "Board" means the Board of Directors of the Coachella Valley Water District.

(b) "District" means the Coachella Valley Water District.

(c) "New industrial facilities" means industrial facilities for which either of the following applies:

(1) The building permit for that facility is issued on or after January 1, 2010.

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(2) If a building permit is not required for that facility, construction for that facility commences on or after January 1, 2010.

§32601. (Amended effective January 1, 2015.)

(a) The Legislature hereby finds and declares that the use of potable domestic water for nonpotable uses for cemeteries, parks, highway landscaped areas, new industrial facilities, landscaped common areas of residential developments maintained by a homeowner's association, and golf course irrigation is a waste and an unreasonable use of the water within the meaning of Section 2 of Article X of the California Constitution, if nonpotable water, including recycled water, is available under all of the following conditions as determined by the board, after notice to any person or local public agency that may be ordered to use nonpotable water or to cease using potable water and a hearing held by the board if requested by the person or local public agency:

(1) The board determines that the source of nonpotable water is of adequate quality for the proposed use and is available for that use. In determining adequate quality, the board shall consider all relevant factors, including, but not limited to, food and employee safety, and level and types of specific constituents in the nonpotable water affecting the use, on a user-by-user basis. In addition, the board shall consider the effect of the use of nonpotable water in lieu of potable water on the generation of hazardous waste and on the quality of wastewater discharges subject to permit.

(2) The board determines that the nonpotable water may be furnished for the proposed use at a reasonable cost to the user. In determining reasonable cost, the board shall consider all relevant factors, including, but not limited to, the present and projected costs of supplying, delivering, and treating potable domestic water for the proposed use and the present and projected costs of supplying and delivering nonpotable water for that use, and finds that the cost of supplying the nonpotable water is comparable to, or less than, the cost of supplying potable domestic water.

(3) The State Department of Public Health determines that the use of nonpotable water from the proposed source will not be detrimental to public health.

(4) The California regional water quality control board determines that the use of nonpotable water from the proposed source will comply with any applicable water quality control plan.

(5) The board determines that the use of nonpotable water for the proposed use will not adversely affect groundwater rights, will not degrade water quality, and is determined not to be injurious to plant life, fish, and wildlife.

(b) In making the determination described in subdivision (a), the board shall consider the impact of the cost and quality of the nonpotable water on each individual user.

(c) The board may require a person or public agency to furnish information that the board determines to be relevant to making the determinations described in subdivision (a).

NOTE: This publication includes a variety of California statutes related to the subject of drinking water, which may not be complete and should not be relied upon as the State of California's representation of the law. The published codes are the only official representation of the law. Refer to the actual published codes whenever specific citations are required. Recycled water-related regulations are in Titles 22 and 17 of the California Code of Regulations.

§32602. (Amended effective January 1, 2015.)

Notwithstanding any other provision of law, but subject to the other requirements of this part, no person or local public agency shall use water within the district's service area from any source that is suitable for potable domestic use for nonpotable uses for cemeteries, parks, highway landscaped areas, new industrial facilities, landscaped common areas of residential developments maintained by a homeowner's association, and golf course irrigation, if the board, in accordance with Section 32601, determines that suitable nonpotable water is available.

§32603.

(a) The use of nonpotable water, including recycled water, in accordance with this part is subject to all applicable state regulation.

(b) This part only applies to a use of water within the district's service area that is not the subject of a determination pursuant to Article 7 (commencing with Section 13550) of Chapter 7 of Division 7.

(c) This part is in addition to, and not a limitation upon, any powers of a public agency or a court to prevent the waste or unreasonable use of water.

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