

AMENDED IN SENATE APRIL 8, 2003

SENATE BILL

No. 318

Introduced by Senator Alpert

February 19, 2003

~~An act to add Section 10612.5 to, and to amend Section 10631 of, the
An act to amend Section 10631 of the Water Code, relating to water.~~

LEGISLATIVE COUNSEL'S DIGEST

SB 318, as amended, Alpert. Urban water suppliers: desalinated water.

The Urban Water Management Planning Act requires urban water suppliers to prepare and adopt urban water management plans for submission to the Department of Water Resources.

This bill would require a plan to describe the opportunities for development of desalinated water, ~~as defined including, but not limited to, ocean water, brackish water, and groundwater,~~ as a long-term supply.

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

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

1 ~~SECTION 1.—Section 10612.5 is added to the Water Code, to~~
2 ~~read:~~
3 ~~10612.5. “Desalinated water” means the treatment of~~
4 ~~seawater, including, but not limited to, removal of salts to allow~~
5 ~~for beneficial use.~~
6 ~~SEC. 2.~~

1 *SECTION 1.* Section 10631 of the Water Code is amended to
2 read:

3 10631. A plan shall be adopted in accordance with this
4 chapter and shall do all of the following:

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

12 (b) Identify and quantify, to the extent practicable, the existing
13 and planned sources of water available to the supplier over the
14 same five-year increments described in subdivision (a). If
15 groundwater is identified as an existing or planned source of water
16 available to the supplier, all of the following information shall be
17 included in the plan:

18 (1) A copy of any groundwater management plan adopted by
19 the urban water supplier, including plans adopted pursuant to Part
20 2.75 (commencing with Section 10750), or any other specific
21 authorization for groundwater management.

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

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



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

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

9 (1) An average water year.

10 (2) A single dry water year.

11 (3) Multiple dry water years.

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

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

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

24 (A) Single-family residential.

25 (B) Multifamily.

26 (C) Commercial.

27 (D) Industrial.

28 (E) Institutional and governmental.

29 (F) Landscape.

30 (G) Sales to other agencies.

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

33 (I) Agricultural.

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

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

39 (1) A description of each water demand management measure
40 that is currently being implemented, or scheduled for



- 1 implementation, including the steps necessary to implement any
2 proposed measures, including, but not limited to, all of the
3 following:
- 4 (A) Water survey programs for single-family residential and
5 multifamily residential customers.
 - 6 (B) Residential plumbing retrofit.
 - 7 (C) System water audits, leak detection, and repair.
 - 8 (D) Metering with commodity rates for all new connections
9 and retrofit of existing connections.
 - 10 (E) Large landscape conservation programs and incentives.
 - 11 (F) High-efficiency washing machine rebate programs.
 - 12 (G) Public information programs.
 - 13 (H) School education programs.
 - 14 (I) Conservation programs for commercial, industrial, and
15 institutional accounts.
 - 16 (J) Wholesale agency programs.
 - 17 (K) Conservation pricing.
 - 18 (L) Water conservation coordinator.
 - 19 (M) Water waste prohibition.
 - 20 (N) Residential ultra-low-flush toilet replacement programs.
- 21 (2) A schedule of implementation for all water demand
22 management measures proposed or described in the plan.
- 23 (3) A description of the methods, if any, that the supplier will
24 use to evaluate the effectiveness of water demand management
25 measures implemented or described under the plan.
- 26 (4) An estimate, if available, of existing conservation savings
27 on water use within the supplier's service area, and the effect of the
28 savings on the supplier's ability to further reduce demand.
- 29 (g) An evaluation of each water demand management measure
30 listed in paragraph (1) of subdivision (f) that is not currently being
31 implemented or scheduled for implementation. In the course of the
32 evaluation, first consideration shall be given to water demand
33 management measures, or combination of measures, that offer
34 lower incremental costs than expanded or additional water
35 supplies. This evaluation shall do all of the following:
- 36 (1) Take into account economic and noneconomic factors,
37 including environmental, social, health, customer impact, and
38 technological factors.
 - 39 (2) Include a cost-benefit analysis, identifying total benefits
40 and total costs.



1 (3) Include a description of funding available to implement any
2 planned water supply project that would provide water at a higher
3 unit cost.

4 (4) Include a description of the water supplier’s legal authority
5 to implement the measure and efforts to work with other relevant
6 agencies to ensure the implementation of the measure and to share
7 the cost of implementation.

8 (h) Include a description of all water supply projects and water
9 supply programs that may be undertaken by the urban water
10 supplier to meet the total projected water use as established
11 pursuant to subdivision (a) of Section 10635. The urban water
12 supplier shall include a detailed description of expected future
13 projects and programs, other than the demand management
14 programs identified pursuant to paragraph (1) of subdivision (f),
15 that the urban water supplier may implement to increase the
16 amount of the water supply available to the urban water supplier
17 in average, single-dry, and multiple-dry water years. The
18 description shall identify specific projects and include a
19 description of the increase in water supply that is expected to be
20 available from each project. The description shall include an
21 estimate with regard to the implementation timeline for each
22 project or program.

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

26 (j) Urban water suppliers that are members of the California
27 Urban Water Conservation Council and submit annual reports to
28 that council in accordance with the “Memorandum of
29 Understanding Regarding Urban Water Conservation in
30 California,” dated September 1991, may submit the annual reports
31 identifying water demand management measures currently being
32 implemented, or scheduled for implementation, to satisfy the
33 requirements of subdivisions (f) and (g).

34 (k) Urban water suppliers that rely upon a wholesale agency for
35 a source of water, shall provide the wholesale agency with water
36 use projections from that agency for that source of water in
37 five-year increments to 20 years or as far as data is available. The
38 wholesale agency shall provide information to the urban water
39 supplier for inclusion in the urban water supplier’s plan that
40 identifies and quantifies, to the extent practicable, the existing and



1 planned sources of water as required by subdivision (b), available
2 from the wholesale agency to the urban water supplier over the
3 same five-year increments, and during various water-year types in
4 accordance with subdivision (c). An urban water supplier may rely
5 upon water supply information provided by the wholesale agency
6 in fulfilling the plan informational requirements of subdivisions
7 (b) and (c).

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