

STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 87-26

AMENDMENT TO THE WATER QUALITY CONTROL PLAN FOR THE CENTRAL  
COASTAL BASIN TO REVISE GROUND WATER QUALITY OBJECTIVES AND  
MANAGEMENT WITHIN THE LOMPOC SUB-BASIN

WHEREAS:

1. The California Regional Water Quality Control Board, Central Coast Region (Central Coast Regional Board), adopted the Water Quality Control Plan for the Central Coastal Basin (Basin Plan) on March 14, 1975.
2. Division 7 of the California Water Code specifies that basin plans be periodically reviewed and, if appropriate, revised.
3. The State Board, after review of the Central Coast Regional Board Waste Discharge Requirements for the City of Lompoc, recommended a review of the Basin Plan for possible revision of the ground water quality objectives for the Lompoc ground water basin and further study to ascertain the continuity between the upper and lower aquifers in the area of the City of Lompoc's discharge.
4. In 1976, the U. S. Geological Survey (USGS) in cooperation with the Central Coast Regional Board prepared a report which describes the existing and historic changes in ground water quality and evaluates management alternatives to maintain and improve Lompoc's ground water basin quality.
5. The USGS report served as the basis for the revisions to the Basin Plan and for a Central Coast Regional Board staff report entitled "Water Quality Objectives and Management Plan for the Lompoc Ground Water Basin" (August 1984).
6. The August 1984 staff report evaluated data to justify median ground water objectives for the plain and upland portions of the Lompoc subarea.
7. On October 12, 1984, after satisfying public notice requirements in accordance with the California Water Code and after a public hearing, the Central Coast Regional Board adopted Resolution No. 84-05 (Attachment A) revising Table 4-9, "Median Ground Water Objectives", and the Lompoc Valley Region subsection in the "Municipal Wastewater Management Implementation Plan", Chapter 5.
8. Central Coast Regional Board Resolution No. 84-05 omitted median water quality objectives applicable to the terrace portion of the Lompoc subarea pending consideration of well data not available at the time Resolution No. 84-05 was adopted.
9. On April 11, 1986, the Central Coast Regional Board adopted, after due public notice and public hearing process in accordance with the California Water Code, Resolution No. 86-04 (Attachment B) establishing median ground water quality for the Lompoc terrace.

10. Central Coast Regional Board Resolution No. 86-04 restated the ground water objectives previously adopted for the plain and upland portions of the Lompoc subarea.
11. In order to be consistent with other nitrate objectives in Table 4-9, the nitrate median ground water objectives originally adopted in Resolution No. 84-05 for the plain and upland portions of the Lompoc subarea were changed in Resolution No. 86-04 from 10 milligrams per liter (mg/l) measured as nitrate to 2 mg/l measured as nitrogen.
12. Central Coast Regional Board Resolution No. 86-04 supersedes Central Coast Regional Board Resolution No. 84-05 as it pertains to the proposed numerical median ground water and amends Table 4-9 to read as follows:

	TDS	CL	SO <sub>4</sub>	B	Na	NO <sub>3</sub> <sup>b</sup>
Lompoc Plain	1250	250	500	.75	270	2
Lompoc Upland	600	150	100	.75	100	2
Lompoc Terrace	750	210	100	.3	130	1

<sup>b</sup> measured as Nitrogen

13. Central Coast Regional Board staff prepared documents and followed procedures satisfying environmental documentation requirements of both the California Environmental Quality Act under Public Resources Code, Section 21080.5 (functional equivalent), and the federal Clean Water Act.
14. Basin plan amendments do not become effective until approved by the State Board.
15. The State Board, after review of the proposed Basin Plan amendment and the Central Coast Regional Board's records, finds that the revision to the first paragraph of the "Lompoc Valley Region" subsection of the "Municipal Wastewater Management Implementation Plan" section in Chapter 5 of the Basin Plan to read as stated in Central Coast Regional Board Resolution No. 84-05 adopted on October 12, 1984 is appropriate. The State Board also finds that the median ground water objective for nitrate is also acceptable. The objectives proposed for boron and sodium as it pertains to the plain region as well as the boron median objective as it pertains to the upland portions of the Lompoc subarea may not be sufficiently justified and may encourage further degradation of the ground water system.

THEREFORE BE IT RESOLVED:

1. That revision of the first paragraph of the "Lompoc Valley Region" subsection of the "Municipal Wastewater Management Implementation Plan" section in Chapter 5 of the Basin Plan as stated in Central Coast Regional Board Resolution No. 84-05 adopted on October 12, 1984 be approved.

2. That the median ground water objectives for the plain, upland, and terrace regions of the Lompoc subarea be approved as adopted in Central Coast Regional Board Resolution No. 86-04 adopted on April 11, 1986.
3. That the median ground water quality objectives for sodium and boron for the plain region as well as the boron objective for the upland region of the Lompoc subarea in the Basin Plan amendment as adopted in Central Coast Regional Board Resolution No. 86-04 be remanded to the Central Coast Regional Board.
4. That the Central Coast Regional Board develop a map to be incorporated into the Basin Plan delineating the plain, upland, and terrace regions of the Lompoc subarea.

#### CERTIFICATION

The undersigned, Administrative Assistant to the Board, does hereby certify that the foregoing is a full, true, and correct copy of a resolution duly and regularly adopted at a meeting of the State Water Resources Control Board held on April 16, 1987.

  
Maureen Marche  
Administrative Assistant to the Board