

STATE WATER RESOURCES CONTROL BOARD  
RESOLUTION NO. 91-10

APPROVAL OF AN AMENDMENT TO THE COMPREHENSIVE  
WATER QUALITY CONTROL PLAN FOR THE  
SAN DIEGO REGION ESTABLISHING A REGIONWIDE GROUND WATER  
IMPLEMENTATION PLAN FOR THE USE OF RECLAIMED WATER

WHEREAS:

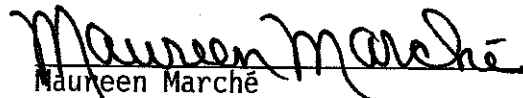
1. The California Regional Water Quality Control Board, San Diego Region (San Diego Regional Board) adopted the Comprehensive Water Quality Control Plan for the San Diego Basin (Basin Plan) on March 17, 1975.
2. Section 13240 of the California Water Code specifies that basin plans be periodically reviewed and, if appropriate, revised.
3. On April 23, 1990, the San Diego Regional Board adopted Resolution No. 90-26 which amended the Implementation Plan of the Basin Plan by specifying criteria for issuance of requirements for reclaimed water use.
4. Based on comments received from interested parties at its April 23, 1990 meeting, the San Diego Regional Board replaced Resolution No. 90-26 on June 4, 1990, by adopting Resolution No. 90-40 specifying additional criteria for issuance of requirements for reclaimed water use.
5. On September 20, 1990, the State Board adopted Resolution No. 90-98 approving the amendment (Resolution No. 90-40), providing alternate language to clarify the meaning of the amendment, and directing the San Diego Regional Board to revise, at its earliest convenience, Resolution No. 90-40 in accordance with the alternate language contained in the State Board resolution.
6. On November 5, 1990, the San Diego Regional Board approved Resolution No. 90-61 (Attachment 4) in accordance with the direction given in State Board Resolution No. 90-98.
7. The San Diego Regional Board staff prepared documents and followed procedures satisfying environmental documentation requirements in accordance with the California Environmental Quality Act.
8. Section 13245 of the California Water Code specifies that a revision of a water quality control plan adopted by a Regional Water Quality Control Board does not become effective until approved by the State Board.
9. San Diego Regional Board Resolution No. 90-61 pertains to ground water beneficial uses only and, therefore, is not subject to approval by the U.S. Environmental Protection Agency under the Federal Clean Water Act.

THEREFORE BE IT RESOLVED:

That the State Board approves San Diego Regional Board Resolution No. 90-61 amending the Comprehensive Water Quality Control Plan for the San Diego Basin establishing a regionwide ground water implementation plan for the use of reclaimed water.

CERTIFICATION

The undersigned, Administrative Assistant to the Board, does hereby certify that the foregoing is a full, true, and correct copy of a policy duly and regularly adopted at a meeting of the State Water Resources Control Board held on January 24, 1991.

  
Maureen Marché  
Administrative Assistant to the Board

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN DIEGO REGION

RESOLUTION NO. 90-61

A RESOLUTION AMENDING RESOLUTION NO. 90-40  
A REGIONWIDE GROUNDWATER AMENDMENT  
TO THE COMPREHENSIVE WATER QUALITY CONTROL PLAN  
FOR THE SAN DIEGO REGION

WHEREAS, in accordance with Section 13240 et seq. of the California Water Code, the California Regional Water Quality Control Board, San Diego Region (Regional Board) caused to be developed a Comprehensive Water Quality Control Plan for the San Diego Region; and

WHEREAS, the Regional Board, acting in accord with Section 13240 of the California Water Code, on March 1975, adopted the Comprehensive Water Quality Control Plan for the San Diego Region as set forth in Chapter 1 through 7 of the Comprehensive Water Quality Control Plan Report, San Diego Region (9); (Basin Plan); and

WHEREAS, the Regional Board has adopted amendments to the Basin Plan for the San Diego Region from time to time since March 17, 1975, all of which modified beneficial uses protected and/or water quality objectives; and

WHEREAS, the Regional Board held public hearings on March 12, 1990 and April 23, 1990 for the purpose of receiving testimony on proposed regionwide amendments to the Basin Plan; and

WHEREAS, the Regional Board adopted Resolution No. 90-26 on April 23, 1990 which amended the Implementation Plan (Chapter 5) of the Basin Plan to include the following:

"Use of adequately treated wastewater for irrigation or ground water recharge shall be allowed in a basin where reuse is clearly beneficial provided that the quality of the reclaimed water does not exceed the applicable ground water quality objectives and provided that the quality ensures reasonable protection of beneficial uses. The Regional Board shall regulate discharges of reclaimed water by establishing waste discharge requirements which contain effluent limitations designed to protect designated beneficial uses and which ensure compliance with State Water Resources Control Board Resolution No. 68-16. The Board shall specify effluent limitations for constituents at levels that are no less than the quality of the Basin's water supply, but no greater than the Basin Plan ground water objective, provided that the wastewater reused displaces the use of imported water. The Board will also require the implementation of effective source control measures for the control of salinity to ensure a reclaimed water quality that is suitable for long-term agricultural and landscape irrigation."

WHEREAS, on June 4, 1990, the Regional Board held another public hearing, and, in response to comments received on Resolution No. 90-26, reconsidered and amended Resolution No. 90-26 by adopting Resolution No. 90-40; and

WHEREAS, the Regional Board's adoption of Resolution No. 90-40 amended the language of the Basin Plan amendment approved by the Board's adoption of Resolution No. 90-26. Resolution No. 90-40 amended the language of Resolution No. 90-26 as follows (the amended language different from the adopted language of Resolution No. 90-26 is underlined):

"Use of adequately treated wastewater for irrigation or ground water recharge shall be allowed in a basin where reuse is clearly beneficial provided that the quality of the reclaimed water does not exceed the applicable ground water quality objectives and provided that the quality ensures reasonable protection of beneficial uses. The Regional Board shall regulate discharges of reclaimed water by establishing waste discharge requirements which contain effluent limitations designed to protect designated beneficial uses and which ensure compliance with State Water Resources Control Board Resolution No. 68-16. The Board shall specify effluent limitations for constituents at levels that are no less than the quality of the Basin's water supply, but no greater than the Basin Plan ground water objective, provided that the wastewater reused displaces the use of imported water or ground water having a quality exceeding the ground water objective.

Provided that all the above conditions are met, in ground water basins downgradient of municipal supply reservoirs where the supply water is either imported supply or ground water having a quality exceeding the ground water objectives, the Board shall establish effluent limitations not less than that of the imported water supply concentration plus an incremental increase equal to the typical incremental increase added to the water supply which has been used for domestic purposes.

The Board will also require the implementation of effective source control measures for the control of salinity to ensure a reclaimed water quality that is suitable for long-term agricultural and landscape irrigation."

WHEREAS, Section 13245 of the California Water Code specifies that a revision of a water quality control plan adopted by a Regional Board, such as the Basin Plan amendments approved by the Regional Board in their adoption of Resolutions Nos. 90-26 and 90-40, does not become effective until approved by the State Water Resource Control Board (SWRCB); and

WHEREAS, the Regional Board submitted the Basin Plan amendment adopted in Resolution Nos. 90-26 and 90-40 to the SWRCB for approval and the SWRCB approved Resolution No. 90-40 with two exceptions by adopting SWRCB Resolution No. 90-98 on September 20, 1990; and

WHEREAS, SWRCB Resolution No. 90-98 directed the Regional Board to revise the Basin Plan amendment contained in Resolution No. 90-40 by deleting the words "waste discharge" from the second sentence of the first paragraph and to revise the language to ensure that the Basin Plan amendment is understood to mean the following:

"Use of adequately treated wastewater for irrigation or ground water recharge shall be allowed in a basin where reuse is clearly beneficial provided that:

1. The constituent concentrations of the reclaimed water are not higher than the applicable ground water quality objectives, and
2. The quality ensures reasonable protection of beneficial uses, and
3. The wastewater will displace the use of imported water used in the area or ground water having constituent concentrations higher than the applicable ground water quality objectives for the area.

The Regional Board shall regulate discharges of reclaimed water by establishing requirements (e.g. waste discharge requirements, reclamation requirements or waivers) which contain effluent limitations designed to protect designated beneficial uses and which ensure compliance with State Water Resources Control Board Resolution No. 68-16.

For areas that satisfy the above cited conditions the Regional Board shall specify effluent limitations for constituent concentrations at levels that are no less than the quality of the area's water supply, but no greater than the Basin Plan ground water objective. For areas that satisfy all the above cited conditions, in ground water basins downgradient of municipal supply reservoirs, the Regional Board shall establish minimum effluent limitations for constituent concentrations not less than that of the imported water supply concentration plus an incremental increase equal to the typical incremental increase added to the water supply which has been used for domestic purposes. The maximum effluent limitation allowed shall not exceed the Basin Plan's applicable ground water quality objective.

The Board will also require the implementation of effective source control measures for the control of salinity to ensure a reclaimed water quality that is suitable for long-term agricultural and landscape irrigation."

WHEREAS, a report describing the proposed Basin Plan amendment and containing environmental documentation functionally equivalent to the requirements of the California Environmental Quality Act requirements was transmitted to interested individuals and public agencies for review and comment; and

WHEREAS, the Regional Board has reviewed and carefully considered all comments and testimony received relative to the proposed amendment; and

WHEREAS, the language of the Basin Plan amendment contained in this Resolution is a revision of the language of Resolution No. 90-40, at the direction of the SWRCB, and is a logical outgrowth of the language originally considered and adopted by the Regional Board; and

WHEREAS, the Regional Board has determined that the proposed amendments will not have a significant adverse effect on the environment as long as proposed mitigation measures are adopted; now

THEREFORE BE IT RESOLVED, that Resolution No. 90-40, A Resolution Reconsidering and Amending Resolution No. 90-26, A Regionwide Ground Water Amendment to the Comprehensive Water Quality Control Plan Report for the San Diego Region be amended as follows. The following amended language will be added to Chapter 5, Implementation Plan, of the Basin Plan:

"Use of adequately treated wastewater for irrigation or ground water recharge shall be allowed in a basin where reuse is clearly beneficial provided that:

1. The constituent concentrations of the reclaimed water are not higher than the applicable ground water quality objectives, and
2. The quality ensures reasonable protection of beneficial uses, and
3. The wastewater will displace the use of imported water used in the area or ground water having constituent concentrations higher than the applicable ground water quality objectives for the area.

The Regional Board shall regulate discharges of reclaimed water by establishing requirements (e.g. waste discharge requirements, reclamation requirements or waivers) which contain effluent limitations designed to protect designated beneficial uses and which ensure compliance with State Water Resources Control Board Resolution No. 68-16.

For areas that satisfy the above cited conditions the Regional Board shall specify effluent limitations for constituent concentrations at levels that are no less than the quality of the area's water supply, but no greater than the Basin Plan ground water objective. For areas that satisfy all the above cited conditions, in ground water basins downgradient of municipal supply reservoirs, the Regional Board shall establish minimum effluent limitations for constituent concentrations not less than that of the imported water supply concentration plus an incremental increase equal to the typical incremental increase added to the water supply which has been used for domestic purposes. The maximum effluent limitation allowed shall not exceed the Basin Plan's applicable ground water quality objective.

The Board will also require the implementation of effective source control measures for the control of salinity to ensure a reclaimed water quality that is suitable for long-term agricultural and landscape irrigation."

I, Arthur L. Coe, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of a Resolution adopted by the Regional Water Quality Control Board, San Diego Region, on November 5, 1990.



ARTHUR L. COE  
Executive Officer